

DONNÉE ÉLECTRONIQUE SUPPLÉMENTAIRE 1

Liste des apomorphies aux nœuds et liste des changements pour chaque caractère du consensus strict de l'AG1.

P A U P *

Version 4.0b10 for 32-bit Microsoft Windows
Tue Feb 06 15:34:44 2018

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-----NOTICE-----
This is a beta-test version. Please report any crashes,
apparent calculation errors, or other anomalous results.
There are no restrictions on publication of results obtained
with this version, but you should check the WWW site
frequently for bug announcements and/or updated versions.
See the README file on the distribution media for details.
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Tree description:

Unrooted tree(s) rooted using outgroup method
Optimality criterion = parsimony

Character-status summary:

Of 513 total characters:

- 86 characters are of type 'ord' (Wagner)
- 427 characters are of type 'unord'
- 427 characters have weight 1
- 79 characters have weight 0.50
- 6 characters have weight 0.33
- 1 character has weight 0.25
- 2 characters are constant
- 52 variable characters are parsimony-uninformative
- Number of parsimony-informative characters = 459

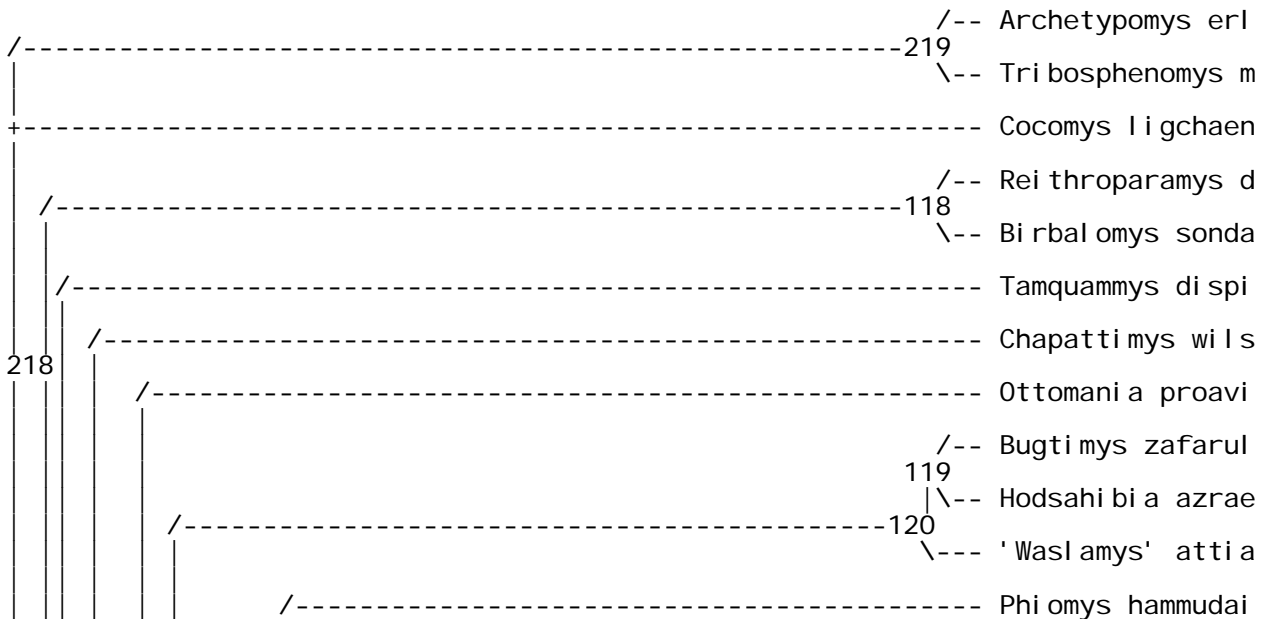
Gaps are treated as "missing"

Multistate taxa interpreted as polymorphism ("min" values for CI, RI, and RC are minimum-possible character lengths)

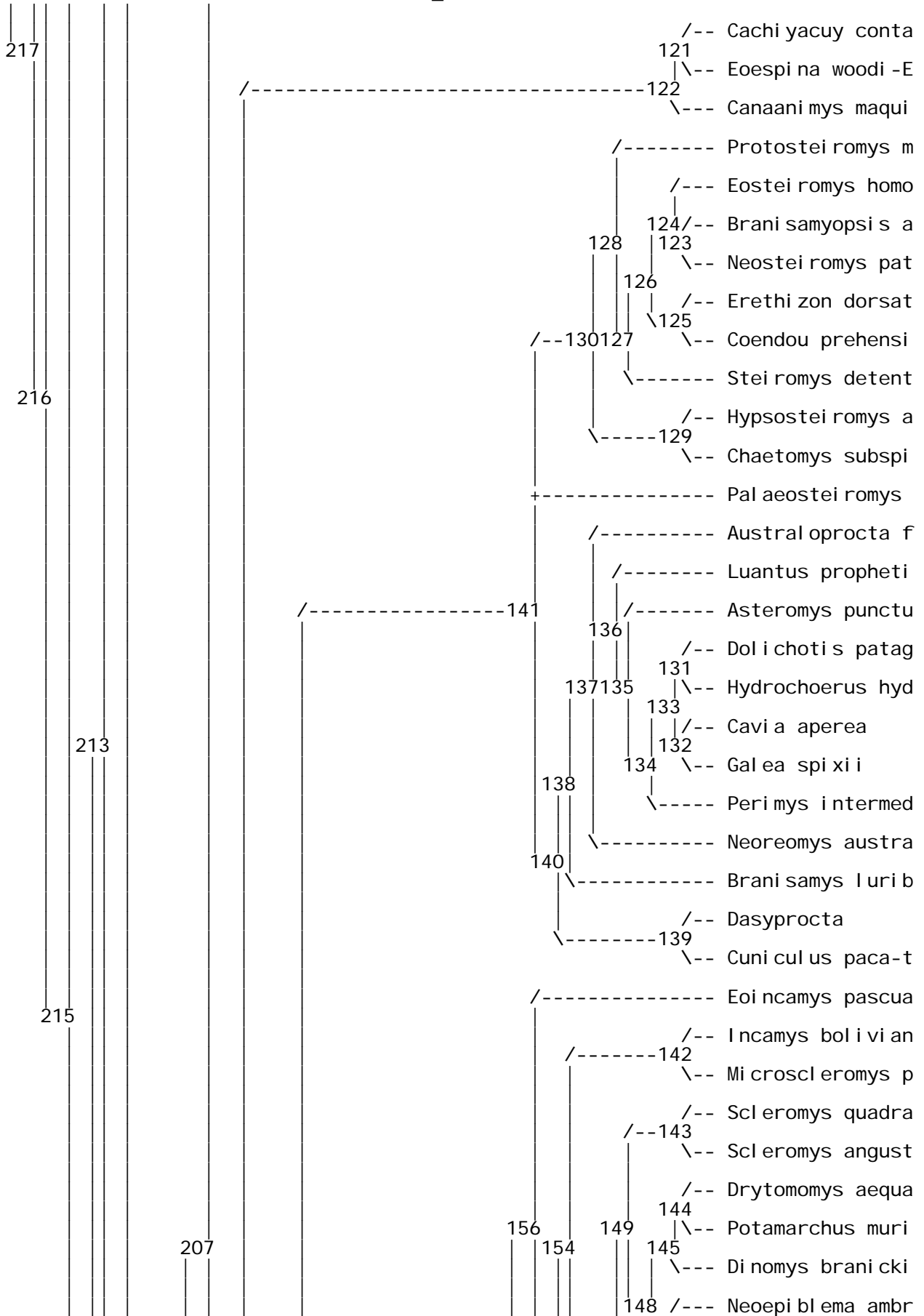
Character-state optimization: Accelerated transformation (ACCTRAN)

Tree number 1 (rooted using user-specified outgroup)

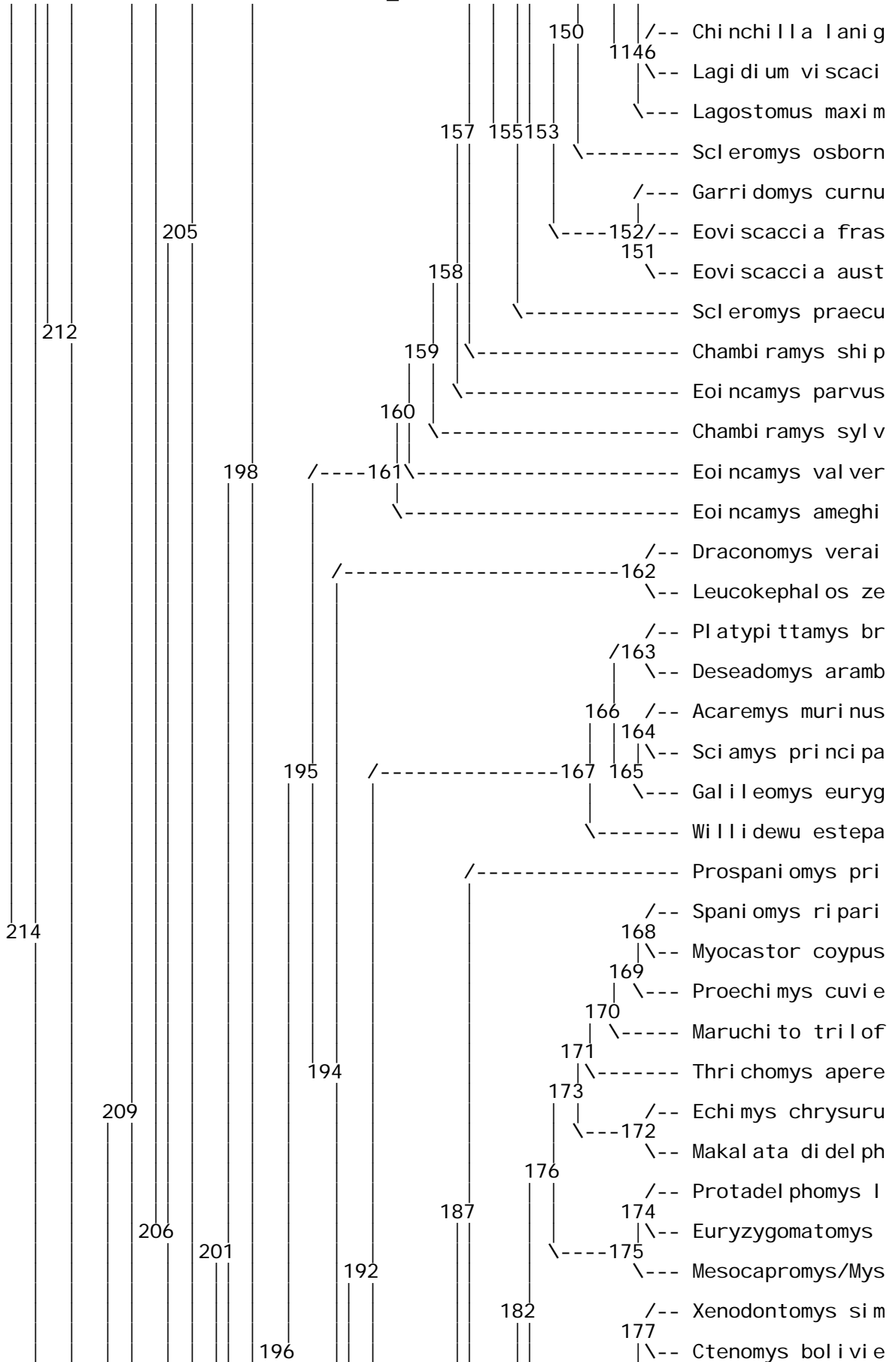
Tree length = 3306.65
Consistency index (CI) = 0.5726
Homoplasy index (HI) = 0.8252
CI excluding uninformative characters = 0.5523
HI excluding uninformative characters = 0.4477
Retention index (RI) = 0.5976
Rescaled consistency index (RC) = 0.3422

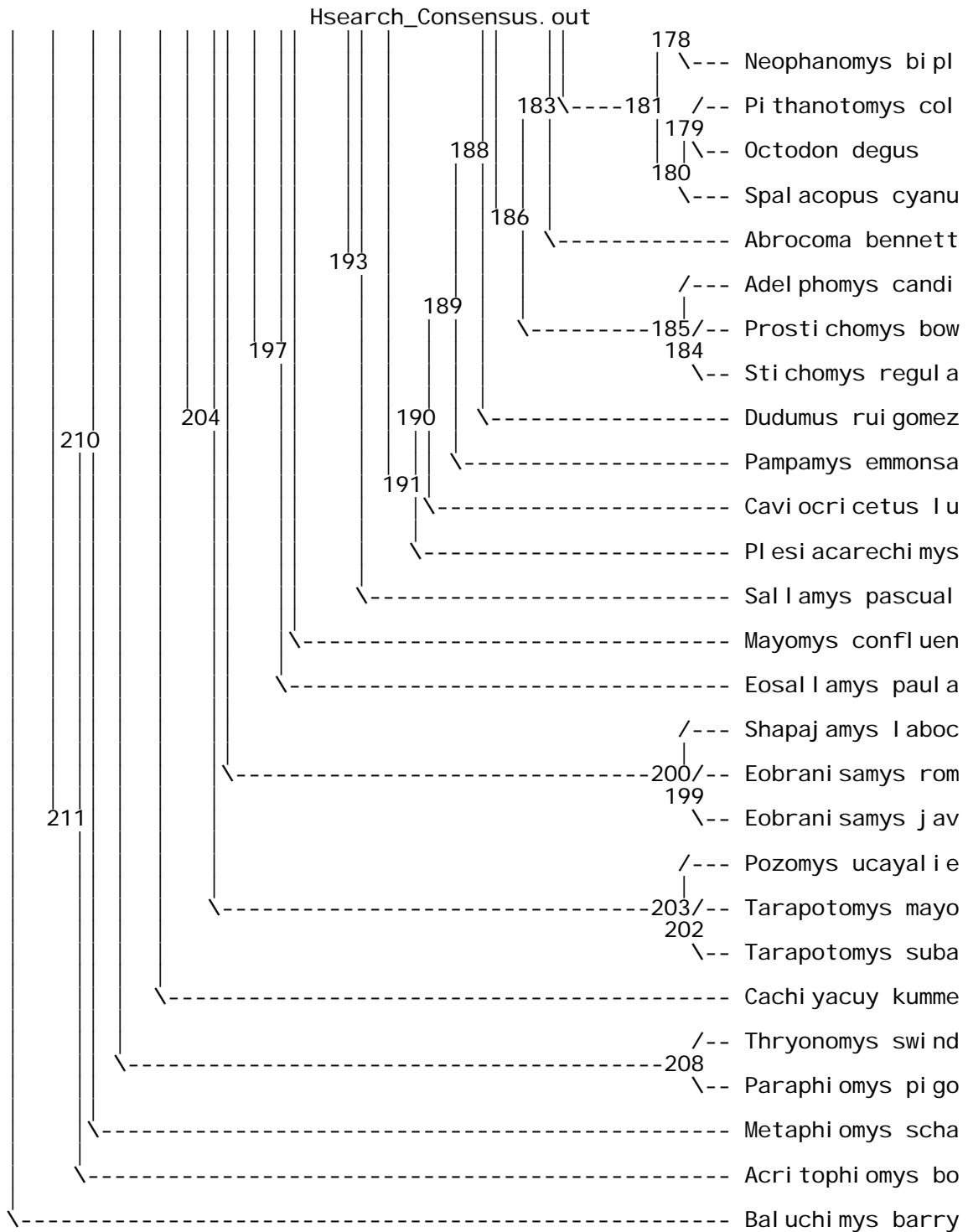


Hsearch_Consensus.out



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Apomorphy lists:

Branch	Character	Steps	CI	Change
node_218 --> node_219	27 (Anteroci ngul)	1	0.444	0 --> 1
	64 (Metacone on)	1	0.222	0 --> 1
	203 (*Positi on o	1	0.385	0 --> 1
node_219 --> Archetypomys erl	24 (Length of th	1	0.500	1 ==> 0
	27 (Anteroci ngul)	1	0.444	1 --> 0
	28 (Posterior ar	1	0.500	1 ==> 0
	33 (Labial proto	1	0.333	1 --> 0
	64 (Metacone on)	1	0.222	1 --> 0
	125 (Parastyle o	1	0.842	1 --> 0

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	127 (Anterostyle)	1	0.333 0 ==> 1
	133 (Lingual ant)	1	0.333 1 --> 0
	136 (Outgrowth o)	1	1.000 1 --> 0
	138 (Outgrowth o)	1	0.500 1 --> 0
	187 (Hypocone on)	1	1.000 1 ==> 0
	203 (*Posi ti on o)	1	0.385 1 --> 0
	204 (Anterior ar)	1	0.714 1 ==> 0
	352 (*Tri goni d h)	1	0.667 1 --> 0
	355 (*Di stance b)	2	0.800 0 --> 2
	361 (Thi ckness o)	1	0.600 0 --> 1
	391 (Ectol ophi d)	1	0.833 1 --> 0
	395 (Posi ti on of)	1	0.421 0 --> 1
node_219 --> Tri bosphenomys m	22 (*Size of P4)	1	0.154 1 --> 2
	26 (Anteroci ngul)	1	0.667 0 ==> 1
	29 (Protoconul e)	1	0.667 0 ==> 1
	33 (Labi al proto)	1	0.333 1 --> 0
	36 (Lingual prot)	1	0.250 0 ==> 1
	41 (Metaconul e o)	1	0.500 0 ==> 1
	68 (Metal oph on)	1	0.462 0 ==> 1
	105 (Hypocone on)	1	1.000 1 --> 0
	115 (Metal oph on)	1	0.667 1 --> 0
	125 (Parastyle o)	1	0.842 1 --> 0
	133 (Lingual ant)	1	0.333 1 --> 0
	136 (Outgrowth o)	1	1.000 1 --> 0
	138 (Outgrowth o)	1	0.500 1 --> 0
	164 (Mesostyle o)	1	0.625 1 --> 0
	203 (*Posi ti on o)	1	0.385 1 ==> 2
	256 (*Devel opmen)	1	0.308 1 --> 2
	260 (Anterior ar)	1	0.455 0 --> 1
	352 (*Tri goni d h)	1	0.667 1 --> 0
	354 (*Length of)	1	0.360 0 --> 1
	355 (*Di stance b)	2	0.800 0 --> 2
	362 (Lingual con)	1	1.000 0 --> 1
	396 (Anterior ar)	1	0.640 1 --> 0
	441 (*Devel opmen)	1	0.238 1 --> 2
	443 (*Devel opmen)	2	0.333 0 --> 2
node_218 --> Cocomys ligchaen	27 (Anteroci ngul)	1	0.444 0 --> 1
	42 (*Devel opment)	1	0.667 1 ==> 0
	64 (Metacone on)	1	0.222 0 --> 1
	75 (Length of th)	1	0.600 0 --> 1
	78 (Anteroci ngul)	1	0.250 0 ==> 1
	82 (Posterio r ar)	1	0.333 0 ==> 1
	113 (Anterior ar)	1	0.600 0 --> 1
	124 (Labi al peri)	1	1.000 0 ==> 1
	129 (Length of t)	1	0.250 0 --> 1
	173 (Anterior ar)	1	0.520 0 --> 1
	174 (Posterio r a)	1	0.391 0 ==> 1
	254 (*Talonid of)	1	0.375 2 ==> 1
	256 (*Devel opmen)	1	0.308 1 ==> 0
	262 (Labi al conn)	1	0.588 0 --> 1
	357 (Posi ti on of)	1	0.231 1 ==> 0
	460 (Margi ns of)	1	0.250 0 --> 2
	469 (*Devel opmen)	1	0.250 1 --> 2
	486 (*Devel opmen)	2	0.222 0 --> 2
	487 (Posi ti on of)	1	0.500 0 --> 1
	490 (Devel opment)	1	0.250 0 --> 1
	492 (Anterior ma)	1	0.400 1 --> 2
	495 (Masti cory a)	1	0.333 0 --> 1
node_218 --> node_217	1 (*Cusp(-id)s a)	1	0.667 0 --> 1
	3 (*Loph(-id)s)	1	0.273 0 ==> 1
	30 (Outgrowth of)	1	0.333 0 --> 1
	38 (*Ori entati on)	1	0.600 0 --> 1
	58 (Hypocone on)	1	0.333 0 --> 1
	83 (Protoconul e)	1	1.000 0 ==> 1
	87 (*Ori entati on)	1	0.500 0 --> 1
	150 (*Ori entati o)	1	0.727 0 --> 1
	154 (*Ori entati o)	1	0.700 0 --> 1
	188 (Hypocone on)	1	0.500 0 --> 1

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	189 (Development)	1	1.000	0	==>	1
	203 (*Position o)	1	0.385	0	-->	1
	208 (Posterior i)	1	0.100	0	-->	1
	252 (*Length of)	1	0.167	3	==>	2
	279 (Ectolophid)	1	0.500	0	==>	1
	293 (Anterior ou)	1	0.500	0	==>	1
	317 (Metaconid c)	1	0.571	0	-->	1
	340 (*Position o)	1	0.412	0	-->	1
	342 (Hypolophid)	1	1.000	0	-->	1
	353 (Trigoni d wi)	1	0.125	0	-->	1
	356 (Anteroci ngu)	1	0.667	0	-->	1
	361 (Thickness o)	1	0.600	0	-->	1
	395 (Position of)	1	0.421	0	-->	1
	397 (Posterior i)	1	0.833	0	-->	1
	398 (Hypolophid)	1	1.000	0	-->	1
	456 (Length of t)	1	0.167	0	-->	1
node_217 --> node_118	461 (*Length of)	1	0.118	1	-->	2
	42 (*Development)	1	0.667	1	==>	2
	43 (Mesostyle on)	1	0.500	0	==>	1
	75 (Length of th)	1	0.600	0	-->	1
	85 (Lingual prot)	1	0.500	0	-->	1
	129 (Length of t)	1	0.250	0	-->	1
	253 (Width of p4)	1	0.111	1	==>	0
	257 (Metaconid-p)	1	0.333	0	==>	1
	261 (Anterior ar)	1	0.533	0	-->	1
	295 (Development)	1	1.000	0	-->	1
	368 (Posterior i)	1	0.600	0	-->	1
	408 (Hypoconul id)	1	0.667	0	==>	1
	460 (Margins of)	1	0.250	0	-->	1
node_118 --> Reithroparamys d	500 (Development)	1	0.143	0	-->	1
	150 (*Orientatio)	1	0.727	1	-->	0
	154 (*Orientatio)	1	0.700	1	-->	0
	208 (Posterior i)	1	0.100	1	-->	0
	252 (*Length of)	1	0.167	2	==>	1
	256 (*Development)	1	0.308	1	==>	0
	352 (*Trigoni d h)	1	0.667	1	==>	0
	353 (Trigoni d wi)	1	0.125	1	-->	0
	361 (Thickness o)	1	0.600	1	-->	0
	400 (Length of t)	1	1.000	1	==>	0
node_118 --> Birbalomys sonda	406 (Hypoconul id)	1	0.800	0	==>	1
	1 (*Cusp(-id)s a)	1	0.667	1	-->	0
	31 (Length of th)	1	0.333	0	==>	1
	49 (Anterior arm)	1	0.500	1	==>	0
	50 (Posterior ar)	1	0.556	1	==>	0
	173 (Anterior ar)	1	0.520	0	-->	1
	201 (*Development)	1	0.400	0	==>	1
	203 (*Position o)	1	0.385	1	==>	2
	264 (Thickness o)	1	0.500	0	==>	1
	267 (Buccal meta)	1	0.667	0	==>	1
	276 (Mesoconid o)	1	0.714	0	==>	1
	285 (Hypolophid)	1	0.667	0	==>	1
	294 (Hypoconul id)	1	0.750	0	==>	1
	357 (Position of)	1	0.231	1	==>	0
	358 (*Protoconid)	1	0.333	0	==>	1
node_217 --> node_216	389 (Mesolophid)	1	0.800	0	==>	1
	16 (Type of HSB)	1	0.500	0	-->	1
	24 (Length of th)	1	0.500	1	==>	0
	29 (Protoconule)	1	0.667	0	==>	1
	32 (Height of th)	1	1.000	0	-->	1
	45 (Height of th)	1	1.000	0	-->	1
	47 (*Posterior i)	2	0.600	0	-->	2
	65 (Metacone-pos)	1	0.286	0	-->	1
	67 (Anterior arm)	1	0.500	0	-->	1
	73 (*DP4 length/)	1	0.333	0	-->	1
	74 (Labial peric)	1	1.000	0	-->	1
	76 (*Height of t)	1	0.500	0	-->	1
	77 (Anteroci ngul)	1	0.750	0	-->	1
	80 (Outgrowth of)	1	0.500	0	-->	1

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	92 (Metaconule p)	1	1.000	0	-->	1
	93 (Mesostyle on)	1	0.833	0	-->	1
	106 (Development)	1	1.000	0	-->	1
	113 (Anterior ar)	1	0.600	0	-->	1
	118 (Lingual con)	1	0.800	1	-->	0
	119 (Direct meta)	1	1.000	0	-->	1
	144 (Protoconule)	1	1.000	0	=>	1
	190 (Development)	1	0.333	0	-->	1
	219 (Direct meta)	1	0.500	0	-->	1
	220 (Direct meta)	1	1.000	0	=>	1
	270 (Lingual con)	1	0.773	0	-->	1
	291 (Height of t)	1	0.250	0	-->	1
	296 (*Distance b)	1	0.167	1	-->	2
	302 (Proportions)	1	0.500	0	-->	1
	304 (Paraconid)	1	1.000	0	-->	1
	305 (Anteroconid)	1	0.286	0	-->	1
	332 (Mesoconid o)	1	0.667	0	-->	1
	347 (*Height of)	1	0.500	1	-->	2
	394 (Mesiodistal)	1	1.000	0	-->	1
	399 (Height of t)	1	1.000	0	-->	1
	439 (Notch for t)	1	0.360	4	-->	1
	440 (*Location o)	2	0.261	3	-->	1
	441 (*Development)	1	0.238	1	-->	0
	442 (*Anterior o)	2	0.214	2	-->	0
	443 (*Development)	1	0.333	0	-->	1
	448 (Height of t)	1	0.143	0	-->	1
	451 (*Posterior)	1	0.200	0	-->	1
	462 (*Posterior)	1	0.154	0	-->	1
	465 (Posterior s)	1	0.667	0	-->	1
	466 (Development)	1	1.000	0	=>	1
	471 (Postorbital)	1	0.077	0	-->	1
node_216 --> Tamquammys di spi	17 (*IPM arrange)	1	0.538	0	-->	1
	30 (Outgrowth of)	1	0.333	1	-->	0
	41 (Metaconule o)	1	0.500	0	=>	1
	58 (Hypocone on)	1	0.333	1	-->	0
	64 (Metacone on)	1	0.222	0	-->	1
	68 (Metaloph on)	1	0.462	0	=>	1
	127 (Anterostyle)	1	0.333	0	=>	1
	164 (Mesostyle o)	1	0.625	1	=>	0
	254 (*Talonid of)	2	0.375	2	=>	0
	258 (*Position o)	1	0.375	1	=>	0
	290 (Anterior ar)	1	0.500	1	=>	0
	382 (Protoconid)	1	1.000	0	=>	1
	396 (Anterior ar)	1	0.640	1	=>	0
	397 (Posterior i)	1	0.833	1	-->	0
node_216 --> node_215	26 (Anterocingul)	1	0.667	0	=>	1
	125 (Parastyle o)	1	0.842	1	=>	0
	126 (Height the)	1	1.000	0	-->	1
	130 (Anterocingu)	1	0.700	0	=>	1
	131 (Anterocingu)	1	0.500	0	=>	1
	157 (Mure on M3)	1	0.500	0	-->	1
	221 (Labial part)	1	1.000	0	=>	1
	264 (Thickness o)	1	0.500	0	=>	1
	280 (*Height of)	1	0.667	1	=>	2
	285 (Hypolophid)	1	0.667	0	-->	1
	358 (*Protoconid)	2	0.333	0	-->	2
	376 (Lingual con)	1	0.636	0	-->	2
	378 (Directi on o)	1	0.625	0	-->	1
	386 (Mesoconid o)	1	0.857	0	-->	1
	392 (Mesiolabial)	1	0.931	0	-->	1
	433 (*Mandible)	1	0.667	0	-->	1
node_215 --> Chapattimys wil s	16 (Type of HSB)	1	0.500	1	-->	0
	38 (*Orientation)	1	0.600	1	-->	0
	129 (Length of t)	1	0.250	0	-->	1
	155 (Mure on M1-)	1	0.667	0	=>	1
	169 (Anterior is)	1	0.778	0	=>	1
	171 (Posterior i)	1	0.640	0	=>	1
	173 (Anterior ar)	1	0.520	0	-->	1

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	174 (Posterior a)	1	0.391	0	==>	1
	188 (Hypocone on)	1	0.500	1	==>	0
	201 (*Development)	1	0.400	0	==>	1
	203 (*Position o)	1	0.385	1	==>	2
	206 (Posterior i)	1	0.462	0	==>	1
	219 (Direct meta)	1	0.500	1	-->	0
	276 (Mesoconid o)	1	0.714	0	==>	1
	284 (*Posterior)	1	0.474	1	==>	0
	294 (Hypoconulid)	1	0.750	0	==>	1
	357 (Position of)	1	0.231	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
node_215 --> node_214	1 (*Cusp(-id)s a)	1	0.667	1	==>	2
	2 (Cusp(-id)s)	1	1.000	0	==>	1
	37 (Height of th)	1	1.000	0	-->	1
	59 (Anterior arm)	1	0.778	0	-->	1
	128 (*Anterocing)	1	0.750	0	==>	1
	132 (Anterocingu)	1	1.000	0	==>	1
	133 (Lingual ant)	1	0.333	1	-->	0
	135 (*Protocone)	1	0.500	0	-->	1
	143 (Thickness o)	1	0.643	0	==>	1
	148 (*Height of)	1	0.571	1	==>	2
	152 (*Height of)	1	0.667	1	==>	2
	156 (Length of t)	1	1.000	0	-->	1
	159 (*Height of)	1	0.667	1	-->	2
	162 (Development)	1	1.000	0	==>	1
	163 (Metaconule)	1	1.000	0	==>	1
	175 (Third crest)	1	0.333	0	==>	1
	177 (Mesolophule)	1	0.583	0	==>	1
	194 (Anterior ar)	1	1.000	0	==>	1
	205 (Thickness o)	1	0.600	0	==>	1
	222 (Lingual con)	1	0.273	0	==>	1
	262 (Labial conn)	1	0.588	0	-->	1
	270 (Lingual con)	1	0.773	1	-->	3
	286 (Length of t)	1	0.571	0	-->	1
	352 (*Trigoni d h)	1	0.667	1	==>	2
	355 (*Distance b)	1	0.800	0	==>	1
	364 (Height of t)	1	1.000	0	==>	1
	377 (Height of t)	1	1.000	0	==>	1
	379 (Labial conn)	1	1.000	0	==>	1
	404 (*Height of)	1	0.308	1	==>	2
node_214 --> node_213	78 (Anterocingul)	1	0.250	0	-->	1
	82 (Posterior ar)	1	0.333	0	-->	1
	99 (Third crest)	1	0.500	0	-->	1
	103 (Mesolophule)	1	0.429	0	-->	1
	107 (Anterior ar)	1	1.000	0	==>	1
	116 (Posterior a)	1	0.667	0	-->	1
	137 (Length of t)	1	1.000	0	==>	1
	139 (Length of t)	1	0.500	0	-->	1
	141 (Length of t)	1	0.500	0	==>	1
	176 (Third crest)	1	0.667	0	==>	1
	178 (Mesolophule)	1	0.583	0	==>	1
	228 (Mesial meso)	1	0.400	0	-->	1
	313 (Mesostylid)	1	0.571	0	==>	1
	327 (Third crist)	1	0.250	0	==>	1
	329 (Neomesoloph)	1	0.529	0	-->	1
	333 (Mesolophid)	1	0.500	0	==>	1
	341 (Posterior i)	1	0.846	1	==>	0
	345 (Development)	1	0.800	1	-->	0
	375 (*Length of)	1	0.353	1	==>	0
node_213 --> Ottomani a proavi	23 (Anterocingul)	1	1.000	1	==>	0
	30 (Outgrowth of)	1	0.333	1	-->	0
	33 (Labial proto)	1	0.333	1	==>	0
	36 (Lingual prot)	1	0.250	0	==>	1
	58 (Hypocone on)	1	0.333	1	-->	0
	64 (Metacone on)	1	0.222	0	-->	1
	73 (*DP4 length/)	1	0.333	1	-->	0
	75 (Length of th)	1	0.600	0	-->	1
	76 (*Height of t)	1	0.500	1	-->	0

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	77 (Anterocingul)	1	0.750	1	-->	0
	108 (Connecti on)	1	1.000	0	-->	1
	127 (Anterostyle)	1	0.333	0	==>	1
	129 (Length of t)	1	0.250	0	-->	1
	131 (Anterocingu)	1	0.500	1	==>	0
	133 (Lingual ant)	1	0.333	0	-->	1
	135 (*Protocone)	1	0.500	1	-->	0
	138 (Outgrowth o)	1	0.500	1	==>	0
	192 (Positi on of)	1	0.154	0	==>	1
	195 (Connecti on)	1	1.000	0	==>	1
	208 (Posterior i)	1	0.100	1	==>	0
	255 (Anterior ci)	1	0.667	0	==>	1
	259 (Metalophuli)	1	0.429	0	==>	1
	260 (Anterior ar)	1	0.455	0	==>	1
	261 (Anterior ar)	1	0.533	0	==>	1
	263 (Posterior a)	1	0.286	0	==>	1
	269 (Posterior a)	1	0.545	0	==>	1
	279 (Ectolophid)	1	0.500	1	==>	0
	285 (Hypolophid)	1	0.667	1	-->	0
	290 (Anterior ar)	1	0.500	1	==>	0
	293 (Anterior ou)	1	0.500	1	==>	0
	303 (Trigoni d wi)	1	0.125	0	==>	1
	308 (*Positi on o)	1	0.273	1	==>	2
	324 (Double ling)	1	0.857	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	338 (Alignm ent o)	1	0.308	0	==>	1
	395 (Positi on of)	1	0.421	1	==>	0
node_213 --> node_212	51 (Thi rd crest)	1	0.556	0	==>	1
	52 (Mesolophule)	1	0.643	0	==>	1
	69 (Lingual conn)	1	0.615	1	-->	2
	71 (Direct metal)	1	1.000	0	==>	1
	91 (Devel opment)	1	0.500	0	-->	1
	120 (*Si ze of M1)	1	0.125	1	-->	0
	122 (M1 length/w)	1	0.071	0	==>	1
	134 (Anterior ar)	1	1.000	0	==>	1
	135 (*Protocone)	1	0.500	1	==>	2
	155 (Mure on M1-)	1	0.667	0	-->	1
	160 (Mure-protol)	1	0.500	0	-->	1
	232 (Hypoflexus)	1	0.800	0	-->	1
	306 (Devel opment)	1	0.500	1	==>	0
	336 (Ori entati on)	1	1.000	0	==>	1
node_212 --> node_120	407 (Devel opment)	1	0.667	0	-->	1
	22 (*Si ze of P4)	1	0.154	1	-->	2
	43 (Mesostyle on)	1	0.500	0	-->	1
	44 (*Devel opment)	1	0.636	1	-->	0
	46 (*Anterior is)	1	0.714	0	-->	1
	95 (*Anterior is)	1	1.000	0	==>	1
	96 (*Posterior i)	1	0.375	0	==>	1
	97 (Anterior arm)	1	0.375	0	==>	1
	98 (Posterior ar)	1	0.400	0	==>	1
	104 (Length of t)	1	1.000	0	==>	1
	114 (*Metacone-p)	1	0.375	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	1
	123 (M2 length/w)	1	0.154	0	==>	1
	158 (Length of t)	1	1.000	1	-->	0
	159 (*Height of)	1	0.667	2	-->	1
	169 (Anterior is)	1	0.778	0	-->	1
	171 (Posterior i)	1	0.640	0	-->	1
	173 (Anterior ar)	1	0.520	0	-->	1
	174 (Posterior a)	1	0.391	0	-->	1
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1
	267 (Buccal meta)	1	0.667	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
node_120 --> node_119	345 (Devel opment)	1	0.800	0	-->	1
	27 (Anterocingul)	1	0.444	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0

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	91 (Development)	1	0.500	1	-->	0
	142 (Posterior a)	1	0.731	0	==>	1
	160 (Mure-protol)	1	0.500	1	-->	0
	193 (Position of)	1	1.000	0	==>	1
	234 (*Transversa)	2	0.286	0	==>	2
	256 (*Development)	1	0.308	1	==>	2
	260 (Anterior ar)	1	0.455	0	-->	1
	262 (Labial conn)	1	0.588	1	-->	0
	284 (*Posterior)	1	0.474	1	-->	2
	332 (Mesoconid o)	1	0.667	1	==>	0
	334 (Lingual con)	1	0.632	0	-->	2
	338 (Alignment o)	1	0.308	0	-->	1
	372 (*Length of)	1	0.731	1	-->	0
	373 (Lingual con)	1	0.905	0	==>	2
	386 (Mesoconid o)	1	0.857	1	-->	0
	407 (Development)	1	0.667	1	-->	0
	437 (*Location o)	1	0.143	1	-->	2
	443 (*Development)	1	0.333	1	-->	2
node_119 --> Bugtimys zafarul	191 (Position of)	1	0.286	0	==>	1
	192 (Position of)	1	0.154	0	==>	1
	296 (*Distance b)	1	0.167	2	==>	1
	388 (Lingual con)	1	0.857	0	==>	3
node_119 --> Hodsahibi a azrae	73 (*DP4 length/)	1	0.333	1	==>	2
	135 (*Protocone)	1	0.500	2	==>	1
	255 (Anterior ci)	1	0.667	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	359 (Posterior a)	1	0.500	0	==>	1
node_120 --> 'Waslamys' attia	42 (*Development)	1	0.667	1	==>	0
	46 (*Anterior is)	1	0.714	1	==>	2
	61 (Orientation)	1	0.500	0	-->	1
	76 (*Height of t)	1	0.500	1	-->	0
	95 (*Anterior is)	1	1.000	1	==>	2
	96 (*Posterior i)	1	0.375	1	==>	2
	139 (Length of t)	1	0.500	1	-->	0
	141 (Length of t)	1	0.500	1	==>	0
	190 (Development)	1	0.333	1	==>	0
	201 (*Development)	1	0.400	0	==>	1
	287 (Labial conn)	1	0.833	2	==>	0
	307 (Anterior ci)	1	0.500	0	==>	1
	308 (*Position o)	1	0.273	1	==>	2
	310 (Metalophuli)	1	0.600	0	==>	1
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	==>	1
	323 (Lingual con)	1	0.800	3	==>	0
	329 (Neomesoloph)	1	0.529	1	-->	0
	356 (Anterocingu)	1	0.667	1	==>	0
	376 (Lingual con)	1	0.636	2	==>	0
	441 (*Development)	1	0.238	0	-->	1
node_212 --> node_211	17 (*IPM arrange)	2	0.538	0	-->	2
	41 (Metaconule o)	1	0.500	0	==>	1
	55 (Lingual conn)	1	1.000	0	-->	2
	72 (Height of th)	1	1.000	0	-->	1
	78 (Anterocingul)	1	0.250	1	-->	0
	88 (Mure on DP4)	1	0.600	0	-->	1
	116 (Posterior a)	1	0.667	1	-->	0
	130 (Anterocingu)	1	0.700	1	==>	0
	143 (Thickness o)	1	0.643	1	-->	0
	150 (*Orientation)	1	0.727	1	-->	2
	154 (*Orientation)	1	0.700	1	-->	2
	161 (Metaconule)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	1	-->	2
	217 (Lingual con)	1	0.696	1	==>	2
	265 (Mesostylid)	1	0.583	0	==>	1
	340 (*Position o)	1	0.412	1	==>	2
	354 (*Length of)	1	0.360	0	-->	1
	358 (*Protoconid)	1	0.333	2	-->	1
	390 (Lingual con)	1	1.000	0	-->	2
	396 (Anterior ar)	1	0.640	1	-->	0

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	397 (Posterior i)	1	0.833	1	-->	0
	406 (Hypoconulid)	1	0.800	0	-->	1
node_211 --> node_210	408 (Hypoconulid)	1	0.667	0	==>	1
	10 (Substitution)	1	0.250	0	-->	1
	40 (Height of th)	1	1.000	0	-->	1
	89 (Length of th)	1	0.750	0	==>	1
	90 (Metaconule o)	1	1.000	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	3
	120 (*Size of M1)	1	0.125	0	-->	1
	215 (Lingual con)	1	0.870	2	-->	3
	305 (Anteroconid)	1	0.286	1	-->	0
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	-->	1
	344 (Hypoconulid)	1	0.750	0	-->	1
node_210 --> node_209	443 (*Development)	1	0.333	1	-->	2
	76 (*Height of t)	1	0.500	1	==>	2
	87 (*Orientation)	1	0.500	1	==>	2
	114 (*Metacone-p)	2	0.375	0	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	128 (*Anterocing)	1	0.750	1	-->	2
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1
	307 (Anterior ci)	1	0.500	0	==>	1
	310 (Metalophuli)	1	0.600	0	==>	1
	356 (Anterocingu)	1	0.667	1	==>	0
	434 (*Length of)	1	0.333	0	-->	1
	437 (*Location o)	1	0.143	1	-->	2
node_209 --> node_207	440 (*Location o)	1	0.261	1	-->	0
	10 (Substitution)	1	0.250	1	-->	0
	17 (*IPM arrange)	1	0.538	2	-->	1
	84 (Orientation)	1	0.471	0	-->	1
	94 (Surface of t)	1	0.333	0	-->	1
	97 (Anterior arm)	1	0.375	0	-->	1
	98 (Posterior ar)	1	0.400	0	-->	1
	100 (Mesoloph on)	1	0.429	0	-->	1
	112 (Development)	1	1.000	0	-->	1
	121 (*Size of M3)	1	0.130	1	-->	0
	179 (*Length of)	1	0.680	1	==>	0
	180 (Mesoloph on)	1	0.800	0	==>	1
	181 (Mesoloph on)	1	0.889	0	==>	1
	305 (Anteroconid)	1	0.286	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
	366 (Mesostylid)	1	0.750	0	==>	1
	373 (Lingual con)	1	0.905	0	-->	2
	383 (Neomesoloph)	1	0.767	0	-->	1
	444 (*Development)	1	0.231	0	-->	1
	461 (*Length of)	2	0.118	2	-->	0
	474 (Frontal pro)	1	0.111	0	-->	1
node_207 --> Phiomys hammudai	494 (Development)	1	0.167	0	-->	1
	61 (Orientation)	1	0.500	0	-->	1
	65 (Metacone-pos)	1	0.286	1	==>	0
	128 (*Anterocing)	1	0.750	2	-->	1
	192 (Position of)	1	0.154	0	==>	1
	206 (Posterior i)	1	0.462	1	-->	0
	256 (*Development)	1	0.308	1	==>	0
	287 (Labial conn)	1	0.833	2	==>	0
	306 (Development)	1	0.500	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	340 (*Position o)	1	0.412	2	==>	1
	344 (Hypoconulid)	1	0.750	1	-->	0
node_207 --> node_206	358 (*Protoconid)	1	0.333	1	==>	0
	25 (Height of th)	1	1.000	0	==>	1
	39 (Mure on P4)	1	0.500	0	==>	1
	43 (Mesostyle on)	1	0.500	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	55 (Lingual conn)	1	1.000	2	-->	1
	60 (Length of th)	1	0.500	0	-->	1
	66 (Fusion of th)	1	0.500	0	-->	1

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	68 (Metaloph on)	1	0.462	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0
	146 (Orientati on)	1	0.814	0	==>	1
	166 (*Devel opmen)	1	0.545	0	==>	1
	167 (*Hei ght of)	1	0.750	0	==>	1
	168 (*Positi on o)	1	0.375	0	==>	1
	201 (*Devel opmen)	1	0.400	0	==>	1
	286 (Length of t)	1	0.571	1	==>	0
	296 (*Di stance b)	2	0.167	2	==>	0
	315 (Anteri or co)	1	0.833	1	-->	0
	330 (Length of t)	1	0.500	0	-->	1
	339 (Mesoconi d-l)	1	0.625	0	-->	1
	358 (*Protoconi d)	1	0.333	1	-->	2
	396 (Anteri or ar)	1	0.640	0	==>	1
node_206 --> node_205	38 (*Ori entati on)	1	0.600	1	==>	2
	174 (Posteri or a)	1	0.391	0	-->	1
node_205 --> node_122	69 (Lingual conn)	1	0.615	0	-->	3
	115 (Metaloph on)	1	0.667	1	-->	0
	173 (Anteri or ar)	1	0.520	0	-->	1
	270 (Lingual con)	1	0.773	3	-->	2
	272 (Neomesol oph)	1	0.632	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	284 (*Posteri or)	1	0.474	1	-->	2
	341 (Posteri or i)	1	0.846	0	==>	1
	441 (*Devel opmen)	1	0.238	0	-->	1
node_122 --> node_121	142 (Posteri or a)	1	0.731	0	-->	1
	208 (Posteri or i)	1	0.100	1	==>	0
node_121 --> Cachi yacuy conta	217 (Lingual con)	1	0.696	2	==>	0
	308 (*Positi on o)	1	0.273	1	==>	0
node_121 --> Eoespi na woodi -E	111 (Metacone on)	1	0.167	0	==>	1
	122 (M1 length/w)	1	0.071	0	==>	1
	357 (Positi on of)	1	0.231	1	==>	0
node_122 --> Canaani mys maqui	147 (Lingual pro)	1	0.643	0	==>	1
	184 (Double ling)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	3	==>	2
	323 (Lingual con)	1	0.800	3	==>	2
	340 (*Positi on o)	1	0.412	2	==>	1
node_205 --> node_204	62 (Pronounced A)	1	0.444	0	==>	1
	73 (*DP4 length/)	1	0.333	1	==>	2
	117 (Lingual spu)	1	0.667	0	==>	1
	122 (M1 length/w)	1	0.071	0	==>	1
	252 (*Length of)	1	0.167	2	-->	1
	253 (Width of p4)	1	0.111	1	-->	0
	284 (*Posteri or)	1	0.474	1	==>	0
	305 (Anteroconi d)	1	0.286	1	-->	0
	314 (Anteri or is)	1	0.500	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	437 (*Locati on o)	1	0.143	2	-->	1
node_204 --> node_201	35 (Orientati on)	1	0.450	0	-->	1
	47 (*Posteri or i)	1	0.600	2	-->	1
	56 (Mesol oph on)	1	0.750	0	==>	1
	109 (Pronounced)	1	0.333	0	-->	1
	214 (Posterol oph)	1	0.846	0	==>	1
	217 (Lingual con)	1	0.696	2	==>	4
	270 (Lingual con)	1	0.773	3	-->	0
	334 (Lingual con)	1	0.632	0	-->	1
	443 (*Devel opmen)	1	0.333	2	-->	1
node_201 --> node_198	52 (Mesol ophul e)	1	0.643	1	==>	0
	82 (Posteri or ar)	1	0.333	1	-->	0
	179 (*Length of)	1	0.680	0	-->	1
	196 (Pronounced)	1	0.742	0	-->	1
	197 (Pronounced)	1	0.435	0	==>	1
	225 (Size of the)	1	0.400	1	-->	0
	329 (Neomesol oph)	1	0.529	0	-->	1
	334 (Lingual con)	1	0.632	1	-->	2
	339 (Mesoconi d-l)	1	0.625	1	-->	0
	375 (*Length of)	1	0.353	0	==>	1
	441 (*Devel opmen)	1	0.238	0	==>	1

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node_198 --> node_141	31 (Length of th	1	0.333	0 ==>	1
	49 (Anterior arm	1	0.500	1 -->	0
	66 (Fusion of th	1	0.500	1 ==>	0
	68 (Metaloph on)	1	0.462	1 ==>	0
	69 (Lingual conn	1	0.615	0 -->	3
	84 (Orientati on)	1	0.471	1 -->	0
	109 (Pronounced)	1	0.333	1 -->	0
	123 (M2 length/w	1	0.154	0 ==>	1
	142 (Posterior a	1	0.731	0 ==>	1
	174 (Posterior a	1	0.391	1 -->	0
	208 (Posterior i	1	0.100	1 -->	0
	243 (Posterior p	1	0.333	0 -->	1
	248 (*Number of)	1	0.667	1 -->	2
	249 (*Number of)	1	0.667	1 -->	2
	252 (*Length of)	1	0.167	1 ==>	0
	272 (Neomesol oph	1	0.632	0 -->	1
	303 (Tri goni d wi	1	0.125	0 ==>	1
	326 (Connecti on)	1	0.667	0 -->	1
	340 (*Positi on o	1	0.412	2 ==>	1
	384 (Length of t	1	0.700	0 ==>	1
	395 (Positi on of)	1	0.421	1 ==>	0
	396 (Anterior ar	1	0.640	1 -->	0
	444 (*Devel opmen	1	0.231	1 ==>	2
	446 (*Depth of t	1	0.667	0 -->	1
	457 (*Length of)	1	0.154	1 ==>	2
	482 (Associ ati on	1	0.500	0 -->	1
	499 (Devel opment)	1	0.111	0 -->	1
	501 (Sagi ttal cr	1	0.333	0 -->	1
node_141 --> node_130	146 (Orientati on	1	0.814	1 -->	2
	185 (Lingual con	1	0.688	1 -->	0
	196 (Pronounced)	1	0.742	1 -->	0
	208 (Posterior i	1	0.100	0 -->	1
	256 (*Devel opmen	1	0.308	1 -->	0
	269 (Posterior a	1	0.545	0 ==>	1
	282 (Notch betwe	1	0.500	0 -->	1
	283 (Devel opment)	1	0.600	0 -->	1
	308 (*Positi on o	1	0.273	1 -->	2
	314 (Anterior is)	1	0.500	0 -->	1
	317 (Metaconi d c	1	0.571	1 ==>	0
	323 (Lingual con	1	0.800	3 -->	4
	341 (Posterior i	1	0.846	0 -->	1
	357 (Positi on of)	1	0.231	1 -->	0
	375 (*Length of)	1	0.353	1 ==>	0
	440 (*Locati on o	1	0.261	0 ==>	1
	442 (*Anterior o	1	0.214	0 -->	1
	469 (*Devel opmen	1	0.250	1 -->	2
	485 (*Positi on o	1	0.231	2 -->	3
	487 (Positi on of)	1	0.500	0 -->	1
node_130 --> node_128	52 (Mesol ophul e)	1	0.643	0 -->	1
	73 (*DP4 length/)	1	0.333	2 -->	1
	78 (Anteroci ngul	1	0.250	0 -->	1
	82 (Posterior ar	1	0.333	0 -->	1
	84 (Ori entati on)	1	0.471	0 -->	2
	96 (*Posterior i	1	0.375	0 -->	1
	197 (Pronounced)	1	0.435	1 ==>	0
	277 (Mesol ophi d)	1	0.929	0 -->	1
	284 (*Posterior)	1	0.474	0 -->	1
	397 (Posterior i	1	0.833	0 ==>	1
	434 (*Length of)	1	0.333	1 -->	0
node_128 --> Protostei romys m	153 (Length of t	1	0.667	0 ==>	1
	178 (Mesol ophul e)	1	0.583	1 ==>	0
	353 (Tri goni d wi	1	0.125	1 ==>	0
	357 (Positi on of)	1	0.231	0 -->	1
	372 (*Length of)	1	0.731	1 ==>	2
node_128 --> node_127	123 (M2 length/w	1	0.154	1 ==>	0
	130 (Anteroci ngu	1	0.700	0 ==>	1
	372 (*Length of)	1	0.731	1 -->	0
node_127 --> node_126	21 (Thi rd upper)	1	0.333	0 -->	1

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	22 (*Size of P4)	1	0.154	1	-->	0
	70 (Lingual conn)	1	0.333	0	-->	1
	73 (*DP4 length/)	1	0.333	1	-->	0
	111 (Metacone on)	1	0.167	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	122 (M1 length/w)	1	0.071	1	-->	0
	192 (Position of)	1	0.154	0	-->	1
	256 (*Development)	2	0.308	0	=>	2
	258 (*Position o)	1	0.375	1	-->	2
	456 (Length of t)	1	0.167	1	-->	0
	464 (Interorbital)	1	0.333	0	-->	1
node_126 --> node_124	62 (Pronounced A)	1	0.444	1	=>	0
	143 (Thickness of)	1	0.643	0	-->	1
	179 (*Length of)	1	0.680	1	-->	0
	203 (*Position o)	1	0.385	1	=>	2
	281 (Interruptio)	1	1.000	0	-->	1
	284 (*Posterior)	1	0.474	1	=>	2
	317 (Metaconid c)	1	0.571	0	-->	1
	354 (*Length of)	1	0.360	1	-->	2
	444 (*Development)	2	0.231	2	-->	0
	451 (*Posterior)	1	0.200	1	-->	0
	452 (*Dorsoventr)	1	0.222	0	-->	1
	457 (*Length of)	1	0.154	2	-->	1
	459 (*Palatal ri)	1	0.500	0	=>	1
	462 (*Posterior)	1	0.154	1	-->	0
node_124 --> Eosteioromys homo	20 (*Incisors pr)	1	0.125	1	=>	0
	35 (Orientation)	1	0.450	1	=>	2
	47 (*Posterior i)	1	0.600	1	-->	2
	48 (Mesostyle an)	1	1.000	0	=>	1
	51 (Third crest)	1	0.556	1	=>	0
	52 (Mesolophule)	1	0.643	1	-->	0
	56 (Mesoloph on)	1	0.750	1	=>	0
	67 (Anterior arm)	1	0.500	1	=>	0
	69 (Lingual conn)	1	0.615	3	=>	2
	130 (Anterocingu)	1	0.700	1	=>	0
	330 (Length of t)	1	0.500	1	=>	0
	353 (Trigoni d wi)	1	0.125	1	=>	0
node_124 --> node_123	20 (*Incisors pr)	1	0.125	1	-->	2
	22 (*Size of P4)	1	0.154	0	-->	1
	36 (Lingual prot)	1	0.250	0	=>	1
	49 (Anterior arm)	1	0.500	0	-->	1
	120 (*Size of M1)	1	0.125	1	-->	0
	142 (Posterior a)	1	0.731	1	=>	0
	147 (Lingual pro)	1	0.643	0	-->	1
	166 (*Development)	1	0.545	1	-->	2
	173 (Anterior ar)	1	0.520	0	=>	1
	174 (Posterior a)	1	0.391	0	=>	1
	268 (Neocristid)	1	0.250	0	-->	1
	276 (Mesoconid o)	1	0.714	0	-->	1
	323 (Lingual con)	1	0.800	4	-->	1
	328 (*Orientatio)	1	0.467	0	-->	1
	370 (Neocristid)	1	0.667	0	=>	1
	396 (Anterior ar)	1	0.640	0	-->	1
node_123 --> Brani samyopsis a	65 (Metacone-pos)	1	0.286	1	=>	0
	192 (Position of)	1	0.154	1	-->	0
	197 (Pronounced)	1	0.435	0	=>	1
	217 (Lingual con)	1	0.696	4	=>	2
	357 (Position of)	1	0.231	0	=>	1
	360 (Length of t)	1	0.650	0	=>	1
node_123 --> Neosteioromys pat	27 (Anterocingul)	1	0.444	0	=>	1
	31 (Length of th)	1	0.333	1	=>	0
	44 (*Development)	1	0.636	1	=>	2
	46 (*Anterior is)	1	0.714	0	=>	1
	169 (Anterior is)	1	0.778	0	=>	1
	171 (Posterior i)	1	0.640	0	=>	1
	368 (Posterior i)	1	0.600	0	=>	1
node_126 --> node_125	182 (*Length of)	1	0.625	1	-->	0
	210 (Mesostyle a)	1	1.000	0	=>	1

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329 (Neomesol oph) 1 0.529 1 --> 0
334 (Lingual con) 1 0.632 2 --> 1
384 (Length of t) 1 0.700 1 ==> 0
440 (*Locati on o) 1 0.261 1 ==> 2
441 (*Devel opmen) 1 0.238 1 ==> 2
444 (*Devel opmen) 1 0.231 2 ==> 3
458 (*Shape of t) 1 0.143 2 ==> 1
460 (Margins of ) 1 0.250 0 --> 2
471 (Postorbi tal) 1 0.077 1 ==> 0
474 (Frontal pro) 1 0.111 1 --> 0
node_125 --> Erethi zon dorsat 11 (Upper tooth ) 1 0.125 0 ==> 1
20 (*Inci sors pr) 1 0.125 1 ==> 2
70 (Lingual conn) 1 0.333 1 --> 0
121 (*Si ze of M3) 1 0.130 1 ==> 2
191 (Posi ti on of) 1 0.286 0 ==> 1
197 (Pronounced ) 1 0.435 0 ==> 1
258 (*Posi ti on o) 1 0.375 2 -->
(01)
434 (*Length of ) 1 0.333 0 --> 1
439 (Notch for t) 1 0.360 1 ==> 0
448 (Height of t) 1 0.143 1 ==> 0
458 (*Shape of t) 1 0.143 1 ==> 0
509 (Epi tympani c) 1 0.333 0 ==> 1
node_125 --> Coendou prehensi 122 (M1 length/w) 1 0.071 0 --> 1
123 (M2 length/w) 1 0.154 0 ==> 1
192 (Posi ti on of) 1 0.154 1 --> 0
464 (Interorbi ta) 1 0.333 1 --> 0
485 (*Posi ti on o) 1 0.231 3 --> 2
486 (*Devel opmen) 1 0.222 0 ==> 1
498 (Contact bet) 1 0.167 1 ==> 0
501 (Sagi ttal cr) 1 0.333 1 --> 0
506 (Mastoid pro) 1 0.250 1 ==> 0
node_127 --> Stei romys detent 50 (Posteri or ar) 1 0.556 1 ==> 0
53 (Length of th) 1 0.750 0 ==> 1
114 (*Metacone-p) 1 0.375 2 --> 1
120 (*Si ze of M1) 1 0.125 1 ==> 0
171 (Posteri or i) 1 0.640 0 ==> 1
211 (Metal oph on) 1 0.647 0 ==> 1
223 (Lingual con) 1 0.333 1 ==> 0
265 (Mesostyl id ) 1 0.583 1 ==> 0
268 (Neocri sti d ) 1 0.250 0 ==> 1
278 (Length of t) 1 1.000 0 ==> 1
328 (*Ori entati o) 1 0.467 0 ==> 1
node_130 --> node_129 5 (*Ori entati on ) 1 0.571 0 ==> 1
20 (*Inci sors pr) 1 0.125 1 --> 0
44 (*Devel opment) 1 0.636 1 --> 2
56 (Mesol oph on ) 1 0.750 1 --> 0
65 (Metacone-pos) 1 0.286 1 ==> 0
102 (Lingual con) 1 0.857 1 --> 0
103 (Mesol ophul e) 1 0.429 1 --> 0
109 (Pronounced ) 1 0.333 0 --> 1
120 (*Si ze of M1) 1 0.125 1 --> 2
152 (*Hei ght of ) 1 0.667 2 --> 1
166 (*Devel opmen) 1 0.545 1 ==> 2
179 (*Length of ) 1 0.680 1 --> 0
201 (*Devel opmen) 1 0.400 1 --> 2
202 (Devel opment) 1 0.400 0 --> 1
223 (Lingual con) 1 0.333 1 ==> 0
261 (Anteri or ar) 1 0.533 0 --> 1
262 (Labi al conn) 1 0.588 1 --> 0
272 (Neomesol oph) 1 0.632 1 --> 0
318 (Neocri sti d ) 1 1.000 0 --> 1
340 (*Posi ti on o) 1 0.412 1 --> 0
376 (Lingual con) 1 0.636 2 --> 3
383 (Neomesol oph) 1 0.767 1 --> 0
401 (Obl i qui ty o) 1 0.632 0 ==> 1
438 (Posi ti on of) 1 0.286 0 --> 1
447 (Coronoi d pr) 1 0.500 0 --> 1

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450 (Length of t) 1 0.500 0 --> 1
460 (Margins of ) 1 0.250 0 --> 2
489 (Sphenopal at) 1 0.375 1 --> 0
node_129 --> Hypsostei romys a 4 (*Orientati on ) 1 0.500 0 ==> 1
5 (*Orientati on ) 1 0.571 1 ==> 2
11 (Upper tooth ) 1 0.125 0 ==> 1
22 (*Size of P4 ) 1 0.154 1 ==> 0
47 (*Posterior i ) 1 0.600 1 --> 2
51 (Third crest ) 1 0.556 1 ==> 0
84 (Orientati on ) 1 0.471 0 --> 1
150 (*Orientati o) 1 0.727 2 ==> 1
154 (*Orientati o) 1 0.700 2 ==> 1
191 (Positi on of) 1 0.286 0 ==> 1
203 (*Positi on o) 1 0.385 1 ==> 2
442 (*Anterior o) 1 0.214 1 --> 0
461 (*Length of ) 2 0.118 0 ==> 2
node_129 --> Chaetomys subspi 3 (*Loph(-id)s () 1 0.273 1 ==> 2
8 (*Cement (in y) 2 0.074 0 ==> 2
9 (*Degree of hy) 2 0.111 0 ==> 2
22 (*Size of P4 ) 1 0.154 1 ==> 2
35 (Orientati on ) 1 0.450 1 ==> 0
39 (Mure on P4) 1 0.500 1 ==> 0
47 (*Posterior i ) 1 0.600 1 ==> 0
87 (*Orientati on) 1 0.500 2 ==> 1
88 (Mure on DP4) 1 0.600 1 ==> 0
146 (Orientati on) 1 0.814 2 ==> 0
155 (Mure on M1-) 1 0.667 1 ==> 0
157 (Mure on M3) 1 0.500 1 ==> 0
168 (*Positi on o) 1 0.375 1 ==> 0
206 (Posterior i ) 1 0.462 1 ==> 0
208 (Posterior i ) 1 0.100 1 --> 0
222 (Lingual con) 1 0.273 1 ==> 0
244 (Lami nes on ) 1 0.250 0 ==> 1
245 (Lami nes on ) 1 0.200 0 ==> 1
253 (Wid th of p4) 1 0.111 0 ==> 1
254 (*Talonid of) 1 0.375 2 ==> 1
265 (Mesostylid ) 1 0.583 1 ==> 0
359 (Posterior a) 1 0.500 0 ==> 1
366 (Mesostylid ) 1 0.750 1 ==> 0
371 (Posterior a) 1 0.706 0 ==> 1
441 (*Devel opmen) 1 0.238 1 ==> 2
443 (*Devel opmen) 1 0.333 1 ==> 2
458 (*Shape of t) 2 0.143 2 ==> 0
472 (Devel opment) 1 0.333 0 ==> 1
488 (Palatine fo) 1 0.250 0 ==> 1
node_141 --> Pal aeostei romys 182 (*Length of ) 1 0.625 1 ==> 0
360 (Length of t) 1 0.650 0 ==> 1
370 (Neocristid ) 1 0.667 0 ==> 1
375 (*Length of ) 1 0.353 1 ==> 2
393 (Alignmen t o) 1 0.875 0 ==> 1
396 (Anterior ar) 1 0.640 0 --> 1
397 (Posterior i ) 1 0.833 0 ==> 1
node_141 --> node_140 9 (*Degree of hy) 2 0.111 0 ==> 2
36 (Lingual prot) 1 0.250 0 --> 1
47 (*Posterior i ) 1 0.600 1 ==> 0
57 (Lingual conn) 1 0.692 1 ==> 0
70 (Lingual conn) 1 0.333 0 ==> 1
79 (Neocrestule ) 1 0.750 0 --> 1
97 (Anterior arm) 1 0.375 1 --> 0
98 (Posterior ar) 1 0.400 1 --> 0
146 (Orientati on) 1 0.814 1 ==> 0
205 (Thi ckness o) 1 0.600 1 --> 0
266 (*Anterior i ) 1 0.846 1 ==> 0
325 (Protoconi d ) 1 0.400 1 --> 0
388 (Lingual con) 1 0.857 0 ==> 2
401 (Obl iqui ty o) 1 0.632 0 ==> 1
404 (*Hei ght of ) 2 0.308 2 --> 0
444 (*Devel opmen) 1 0.231 2 --> 3

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	449 (Condyl oid a)	1	0.667	0	==>	1
	452 (*Dorsoventr)	2	0.222	0	-->	2
	454 (Anterior pr)	1	0.111	0	-->	1
	462 (*Posterior)	1	0.154	1	-->	0
	469 (*Devel opmen)	1	0.250	1	-->	0
	474 (Frontal pro)	1	0.111	1	-->	0
	481 (*Devel opmen)	2	0.400	0	==>	2
	490 (Devel opment)	1	0.250	0	-->	1
node_140 --> node_138	495 (Masticory a)	1	0.333	0	-->	1
	3 (*Loph(-id)s (	1	0.273	1	==>	2
	49 (Anterior arm)	1	0.500	0	-->	1
	222 (Lingual con)	1	0.273	1	==>	0
	249 (*Number of)	2	0.667	2	-->	4
	258 (*Positi on o)	1	0.375	1	-->	2
	262 (Labi al conn)	1	0.588	1	-->	0
	270 (Lingual con)	1	0.773	0	-->	2
	374 (Posterior a)	1	0.375	0	==>	1
	384 (Length of t)	1	0.700	1	-->	0
	389 (Mesolophid)	1	0.800	0	==>	1
	390 (Lingual con)	1	1.000	2	-->	1
	438 (Positi on of)	1	0.286	0	-->	2
	446 (*Depth of t)	1	0.667	1	-->	2
	461 (*Length of)	2	0.118	0	==>	2
	485 (*Positi on o)	2	0.231	2	-->	0
	499 (Devel opment)	1	0.111	1	-->	0
node_138 --> node_137	512 (Accessory f)	1	0.250	1	-->	0
	11 (Upper tooth)	1	0.125	0	==>	1
	17 (*IPM arrange)	1	0.538	1	==>	0
	31 (Length of th)	1	0.333	1	==>	0
	63 (Tendency to)	1	0.286	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	223 (Lingual con)	1	0.333	1	-->	0
	227 (*Reducti on)	2	0.143	0	-->	2
	229 (*Reducti on)	1	0.167	0	-->	1
	230 (Posterofl ex)	1	0.500	0	-->	1
	231 (Reducti on o)	1	0.400	0	-->	1
	261 (Anterior ar)	1	0.533	0	-->	1
	303 (Tri goni d wi)	1	0.125	1	-->	0
	322 (Posterior a)	1	0.600	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	334 (Lingual con)	1	0.632	2	-->	0
	357 (Positi on of)	1	0.231	1	==>	0
	410 (Strong redu)	1	0.125	0	-->	1
	440 (*Locati on o)	1	0.261	0	==>	1
	457 (*Length of)	1	0.154	2	==>	1
node_137 --> Australoprocta f	462 (*Posterior)	1	0.154	0	-->	1
	9 (*Degree of hy)	1	0.111	2	==>	1
	52 (Mesolophule)	1	0.643	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	192 (Positi on of)	1	0.154	0	==>	1
	227 (*Reducti on)	2	0.143	2	-->	0
	229 (*Reducti on)	1	0.167	1	-->	0
	258 (*Positi on o)	1	0.375	2	-->	1
	289 (Alignme nt o)	1	0.800	0	==>	1
	292 (Length of t)	1	0.750	0	==>	1
node_137 --> node_136	12 (Degree of th)	1	0.250	0	-->	1
	19 (*Lower inci s)	1	0.231	0	-->	1
	35 (Orientati on)	1	0.450	1	-->	0
	63 (Tendency to)	1	0.286	1	-->	0
	121 (*Size of M3)	1	0.130	1	-->	2
	196 (Pronounced)	1	0.742	1	-->	0
	197 (Pronounced)	1	0.435	1	-->	0
	199 (Metacone on)	1	0.444	0	-->	1
	213 (Hei ght of t)	1	0.667	2	-->	0
	214 (Posterol oph)	1	0.846	1	==>	0
	229 (*Reducti on)	1	0.167	1	-->	2
	234 (*Transversa)	2	0.286	0	==>	2
	235 (Formati on o)	1	0.200	0	==>	1

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	252 (*Length of)	1	0.167	0	-->	1
	263 (Posterior a)	1	0.286	0	-->	1
	270 (Lingual con)	1	0.773	2	-->	3
	272 (Neomesoloph)	1	0.632	1	-->	0
	371 (Posterior a)	1	0.706	0	-->	1
	395 (Position of)	1	0.421	0	-->	1
	404 (*Height of)	2	0.308	0	-->	2
	416 (Transversal)	1	1.000	0	==>	1
	418 (Formation o)	1	0.400	0	==>	1
	443 (*Development)	1	0.333	1	-->	2
	458 (*Shape of t)	1	0.143	2	-->	1
	460 (Margins of)	1	0.250	0	-->	1
	461 (*Length of)	1	0.118	2	-->	1
	467 (Maxillary o)	1	0.400	0	-->	1
	471 (Postorbital)	1	0.077	1	-->	0
	492 (Anterior ma)	1	0.400	1	-->	0
	501 (Sagittal cr)	1	0.333	1	-->	0
node_136 --> Luantus propheti	6 (Furrow opposi)	1	0.500	0	==>	1
	94 (Surface of t)	1	0.333	1	==>	0
	312 (Labial conn)	1	0.500	1	==>	0
	338 (Alignment o)	1	0.308	0	==>	1
	367 (Anterior is)	1	0.842	1	==>	0
node_136 --> node_135	33 (Labial proto)	1	0.333	1	-->	0
	39 (Mure on P4)	1	0.500	1	-->	0
	211 (Metaloph on)	1	0.647	0	-->	1
	226 (Paraflexus)	1	0.143	0	-->	1
	228 (Mesial meso)	1	0.400	1	-->	0
	259 (Metalophuli)	1	0.429	0	==>	1
	260 (Anterior ar)	1	0.455	0	==>	1
	267 (Buccal meta)	1	0.667	0	==>	1
	308 (*Position o)	1	0.273	1	-->	0
	313 (Mesostylid)	1	0.571	1	-->	0
	327 (Third crist)	1	0.250	1	-->	0
	333 (Mesolophid)	1	0.500	1	-->	0
	340 (*Position o)	1	0.412	1	-->	2
	396 (Anterior ar)	1	0.640	0	-->	1
	412 (Strong redu)	1	0.250	0	-->	1
	439 (Notch for t)	1	0.360	1	-->	2
	441 (*Development)	1	0.238	1	-->	2
	445 (Development)	1	0.500	0	-->	1
	453 (Alveolar pr)	1	0.333	0	-->	1
node_135 --> Asteromys punctu	9 (*Degree of hy)	1	0.111	2	==>	1
	252 (*Length of)	1	0.167	1	-->	0
	256 (*Development)	1	0.308	1	==>	0
	258 (*Position o)	1	0.375	2	-->	1
	265 (Mesostylid)	1	0.583	1	==>	0
	284 (*Posterior)	1	0.474	0	==>	1
	417 (Importance)	1	1.000	1	==>	0
node_135 --> node_134	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	256 (*Development)	1	0.308	1	-->	2
	269 (Posterior a)	1	0.545	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	283 (Development)	1	0.600	0	-->	1
	360 (Length of t)	1	0.650	0	-->	1
	409 (Anteroflexi)	1	0.286	0	==>	1
	411 (Mesoflexid)	1	0.250	0	==>	1
	413 (Metaflexid)	1	0.500	0	==>	1
node_134 --> node_133	6 (Furrow opposi)	1	0.500	0	==>	1
	253 (Width of p4)	1	0.111	0	-->	1
	297 (Anterior pr)	1	1.000	0	==>	1
	433 (*Mandible)	1	0.667	1	==>	2
node_133 --> node_131	254 (*Taloni d of)	1	0.375	2	==>	1
	298 (Development)	1	1.000	0	-->	1
	454 (Anterior pr)	1	0.111	1	-->	0
	457 (*Length of)	1	0.154	1	==>	0
	464 (Interorbital)	1	0.333	0	==>	1
	504 (Length of t)	1	0.333	0	==>	1

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	506 (Mastoid pro)	1	0.250	1	==>	0
node_131 --> Dolichotis patag	7 (Transverse de)	1	0.500	0	==>	1
	8 (*Cement (in y)	1	0.074	2	-->	1
	17 (*IPM arrange)	1	0.538	0	==>	1
	252 (*Length of)	1	0.167	1	-->	0
	434 (*Length of)	1	0.333	1	==>	2
	435 (Mandible at)	1	1.000	0	==>	1
	437 (*Locati on o)	1	0.143	1	==>	0
	440 (*Locati on o)	1	0.261	1	==>	2
	448 (Height of t)	1	0.143	1	==>	0
	452 (*Dorsoventr)	1	0.222	2	-->	1
	461 (*Length of)	1	0.118	1	==>	0
	463 (Articulatio)	1	1.000	0	==>	1
	471 (Postorbital)	1	0.077	0	-->	1
	474 (Frontal pro)	1	0.111	0	-->	1
	489 (Sphenopal at)	1	0.375	1	==>	0
node_131 --> Hydrochoerus hyd	18 (Enamel of up)	1	0.286	1	==>	0
	19 (*Lower inci s)	1	0.231	1	==>	2
	20 (*Incisors pr)	1	0.125	1	==>	0
	241 (Shape of th)	1	0.750	2	==>	0
	242 (Shape of th)	1	0.750	2	==>	0
	243 (Posterior p)	1	0.333	1	-->	0
	245 (Lami nes on)	1	0.200	0	==>	1
	247 (Lami nes on)	1	0.333	0	==>	1
	250 (Primary ext)	1	1.000	0	==>	1
	251 (Secondary e)	1	0.500	0	==>	1
	299 (Primary int)	1	0.500	0	==>	1
	300 (Fundamental)	1	0.500	0	==>	1
	301 (Secondary e)	1	1.000	0	==>	1
	354 (*Length of)	1	0.360	1	==>	0
	420 (Shape of th)	1	0.750	0	==>	1
	421 (Shape of th)	1	1.000	0	==>	4
	428 (Secondary i)	1	1.000	0	==>	1
	429 (Tertiary in)	1	0.500	0	==>	1
	430 (Primary int)	1	1.000	0	==>	1
	431 (Fundamental)	1	0.500	0	==>	1
	432 (Secondary e)	1	1.000	0	==>	1
	453 (Alveolar pr)	1	0.333	1	-->	0
	458 (*Shape of t)	1	0.143	1	-->	2
	460 (Margins of)	1	0.250	1	-->	0
	461 (*Length of)	1	0.118	1	-->	2
	462 (*Posterior)	1	0.154	1	==>	2
	467 (Maxillary o)	1	0.400	1	-->	0
	492 (Anterior ma)	1	0.400	0	-->	1
	499 (Devel opment)	1	0.111	0	-->	1
node_133 --> node_132	443 (*Devel opmen)	1	0.333	2	-->	1
	484 (Exposure of)	1	1.000	0	==>	1
	498 (Contact bet)	1	0.167	1	==>	0
	509 (Epi tympanic)	1	0.333	0	==>	1
node_132 --> Cavia aperea	7 (Transverse de)	1	0.500	0	==>	1
	18 (Enamel of up)	1	0.286	1	==>	0
	251 (Secondary e)	1	0.500	0	==>	1
	252 (*Length of)	1	0.167	1	-->	0
	253 (Width of p4)	1	0.111	1	-->	0
	299 (Primary int)	1	0.500	0	==>	1
	300 (Fundamental)	1	0.500	0	==>	1
	420 (Shape of th)	1	0.750	0	==>	2
	421 (Shape of th)	1	1.000	0	==>	1
	429 (Tertiary in)	1	0.500	0	==>	1
	431 (Fundamental)	1	0.500	0	==>	1
	437 (*Locati on o)	1	0.143	1	==>	2
	457 (*Length of)	1	0.154	1	==>	2
	462 (*Posterior)	1	0.154	1	==>	2
	465 (Posterior s)	1	0.667	1	==>	2
node_132 --> Galea spi xi i	8 (*Cement (in y)	2	0.074	2	==>	0
	19 (*Lower inci s)	1	0.231	1	==>	0
	252 (*Length of)	1	0.167	1	==>	2
	354 (*Length of)	1	0.360	1	==>	0

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437 (*Locati on o) 1 0.143 1 ==> 0
443 (*Devel opmen) 1 0.333 1 ==> 0
455 (*Devel opmen) 1 0.286 1 ==> 0
461 (*Length of ) 1 0.118 1 ==> 0
489 (Sphenopal at) 1 0.375 1 ==> 0
513 (Devel opment) 1 0.333 1 ==> 0
node_134 --> Perimys intermed 22 (*Size of P4 ) 1 0.154 1 ==> 0
122 (M1 length/w) 1 0.071 1 ==> 0
123 (M2 length/w) 1 0.154 1 ==> 0
237 (*Number of ) 1 1.000 1 ==> 2
241 (Shape of th) 1 0.750 2 ==> 1
242 (Shape of th) 1 0.750 2 ==> 1
243 (Posterior p) 1 0.333 1 --> 0
420 (Shape of th) 1 0.750 0 ==> 2
421 (Shape of th) 1 1.000 0 ==> 2
node_137 --> Neoreomys austra 57 (Lingual conn) 1 0.692 0 ==> 2
68 (Metaloph on ) 1 0.462 0 ==> 1
230 (Posteroflex) 1 0.500 1 --> 0
410 (Strong redu) 1 0.125 1 --> 0
425 (Fusion of t) 1 0.500 1 ==> 0
439 (Notch for t) 1 0.360 1 ==> 4
474 (Frontal pro) 1 0.111 0 --> 1
node_138 --> Brani samys luri b 22 (*Size of P4 ) 1 0.154 1 ==> 2
69 (Lingual conn) 1 0.615 3 --> 0
114 (*Metacone-p) 1 0.375 2 --> 1
123 (M2 length/w) 1 0.154 1 ==> 0
125 (Parastyle o) 1 0.842 0 ==> 1
147 (Lingual pro) 1 0.643 0 ==> 1
151 (Lingual pro) 1 0.400 0 ==> 1
173 (Anterior ar) 1 0.520 0 ==> 1
174 (Posterior a) 1 0.391 0 ==> 1
203 (*Positi on o) 1 0.385 1 ==> 2
206 (Posterior i) 1 0.462 1 ==> 0
224 (Size of the) 1 0.200 0 ==> 1
268 (Neocristid ) 1 0.250 0 ==> 1
296 (*Di stance b) 2 0.167 0 ==> 2
320 (Neocristid ) 1 0.750 0 ==> 1
339 (Mesoconid-l) 1 0.625 0 --> 1
354 (*Length of ) 1 0.360 1 ==> 2
372 (*Length of ) 1 0.731 1 ==> 0
437 (*Locati on o) 1 0.143 1 ==> 0
node_140 --> node_139 21 (Thi rd upper ) 1 0.333 0 --> 1
28 (Posterior ar) 1 0.500 1 --> 0
44 (*Devel opment) 1 0.636 1 --> 2
50 (Posterior ar) 1 0.556 1 --> 0
62 (Pronounced A) 1 0.444 1 --> 0
65 (Metacone-pos) 1 0.286 1 --> 0
67 (Anterior arm) 1 0.500 1 --> 0
76 (*Hei ght of t) 1 0.500 2 --> 1
111 (Metacone on) 1 0.167 0 --> 1
148 (*Hei ght of ) 2 0.571 2 --> 0
166 (*Devel opmen) 1 0.545 1 --> 2
191 (Positi on of) 1 0.286 0 --> 1
196 (Pronounced ) 1 0.742 1 --> 0
197 (Pronounced ) 1 0.435 1 --> 0
217 (Lingual con) 1 0.696 4 --> 0
254 (*Talonid of) 1 0.375 2 ==> 1
291 (Hei ght of t) 1 0.250 1 --> 0
360 (Length of t) 1 0.650 0 --> 1
367 (Anterior is) 1 0.842 1 ==> 0
437 (*Locati on o) 1 0.143 1 ==> 2
455 (*Devel opmen) 1 0.286 1 ==> 2
472 (Devel opment) 1 0.333 0 ==> 1
473 (Conformati o) 1 0.500 0 ==> 1
494 (Devel opment) 1 0.167 1 --> 0
503 (Parocci pi ta) 1 0.167 0 ==> 1
node_139 --> Dasypsecta 20 (*Inci sors pr) 1 0.125 1 ==> 0
22 (*Si ze of P4 ) 1 0.154 1 ==> 0

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	35 (Orientation)	1	0.450	1	==>	0
	36 (Lingual prot)	1	0.250	1	-->	0
	121 (*Size of M3)	1	0.130	0	-->	1
	213 (Height of t)	1	0.667	2	==>	1
	223 (Lingual con)	1	0.333	1	==>	0
	227 (*Reduction)	2	0.143	0	==>	2
	229 (*Reduction)	1	0.167	0	==>	1
	231 (Reduction o)	1	0.400	0	==>	1
	268 (Neocristid)	1	0.250	0	==>	1
	369 (Metaconid c)	1	0.966	0	==>	1
	372 (*Length of)	1	0.731	1	==>	0
	373 (Lingual con)	1	0.905	2	==>	4
	375 (*Length of)	1	0.353	1	==>	2
	376 (Lingual con)	1	0.636	2	==>	4
	410 (Strong redu)	1	0.125	0	==>	1
	414 (Strong redu)	1	0.333	0	==>	1
	433 (*Mandible)	1	0.667	1	==>	2
	444 (*Development)	2	0.231	3	==>	1
	450 (Length of t)	1	0.500	0	==>	1
	451 (*Posterior)	1	0.200	1	==>	0
	452 (*Dorsoventr)	2	0.222	2	-->	0
	460 (Margins of)	1	0.250	0	==>	1
	467 (Maxillary o)	1	0.400	0	==>	1
	470 (Development)	1	1.000	0	==>	1
	482 (Association)	1	0.500	1	-->	0
	485 (*Position o)	1	0.231	2	==>	3
	490 (Development)	1	0.250	1	-->	0
	509 (Epi tympanic)	1	0.333	0	==>	1
node_139 --> Cuniculus paca-t	8 (*Cement (in y)	2	0.074	0	==>	2
	19 (*Lower incis)	2	0.231	0	==>	2
	39 (Mure on P4)	1	0.500	1	==>	0
	69 (Lingual conn)	1	0.615	3	==>	2
	120 (*Size of M1)	1	0.125	1	==>	0
	244 (Laminae on)	1	0.250	0	==>	1
	245 (Laminae on)	1	0.200	0	==>	1
	263 (Posterior a)	1	0.286	0	==>	1
	296 (*Distance b)	2	0.167	0	==>	2
	359 (Posterior a)	1	0.500	0	==>	1
	434 (*Length of)	1	0.333	1	==>	2
	456 (Length of t)	1	0.167	1	==>	0
	458 (*Shape of t)	1	0.143	2	==>	1
	459 (*Palatal ri)	2	0.500	0	==>	2
	469 (*Development)	1	0.250	0	-->	1
	480 (Development)	1	1.000	0	==>	1
	492 (Anterior ma)	1	0.400	1	==>	0
	495 (Masticory a)	1	0.333	1	-->	0
	498 (Contact bet)	1	0.167	1	==>	0
node_198 --> node_197	47 (*Posterior i)	1	0.600	1	-->	2
	64 (Metacone on)	1	0.222	0	==>	1
	121 (*Size of M3)	1	0.130	0	-->	1
	171 (Posterior i)	1	0.640	0	-->	1
	173 (Anterior ar)	1	0.520	0	-->	1
	203 (*Position o)	1	0.385	1	==>	2
	215 (Lingual con)	1	0.870	3	-->	0
	217 (Lingual con)	1	0.696	4	==>	0
	354 (*Length of)	1	0.360	1	-->	2
	438 (Position of)	1	0.286	0	-->	1
	455 (*Development)	1	0.286	1	-->	0
	475 (Position of)	1	0.333	0	-->	1
	492 (Anterior ma)	1	0.400	1	-->	0
	497 (Fusion of t)	1	0.600	0	-->	1
	511 (Development)	1	0.250	0	-->	1
	512 (Accessory f)	1	0.250	1	-->	0
node_197 --> node_196	96 (*Posterior i)	1	0.375	0	==>	1
	115 (Metaloph on)	1	0.667	1	==>	0
	117 (Lingual spu)	1	0.667	1	==>	0
	118 (Lingual con)	1	0.800	3	-->	0
	199 (Metacone on)	1	0.444	0	-->	1

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	209 (Posteroloph)	1	0.333	0	-->	1
	211 (Metalophon)	1	0.647	0	==>	1
	212 (Metalophon)	1	0.615	0	-->	1
	314 (Anterioris)	1	0.500	0	==>	1
	323 (Lingualcon)	1	0.800	3	==>	0
	328 (*Orientatio)	1	0.467	0	-->	1
	338 (Alignmento)	1	0.308	0	-->	1
	373 (Lingualcon)	1	0.905	2	-->	0
node_196 --> node_195	376 (Lingualcon)	1	0.636	2	-->	0
	122 (M1 length/w)	1	0.071	1	==>	0
	179 (*Lengthof)	1	0.680	1	-->	0
	202 (Development)	1	0.400	0	==>	1
	347 (*Heightof)	1	0.500	2	==>	1
node_195 --> node_161	4 (*Orientatio)	1	0.500	0	-->	1
	5 (*Orientatio)	1	0.571	0	-->	1
	12 (Degreeofth)	1	0.250	0	-->	1
	27 (Anterocingul)	1	0.444	0	==>	1
	47 (*Posteriori)	1	0.600	2	-->	1
	50 (Posteriorar)	1	0.556	1	-->	0
	57 (Lingualconn)	1	0.692	1	-->	0
	85 (Lingualprot)	1	0.500	0	-->	1
	113 (Anteriorar)	1	0.600	1	-->	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	153 (Lengthoft)	1	0.667	0	==>	1
	177 (Mesolophule)	1	0.583	1	==>	0
	183 (Lingualcon)	1	0.810	1	==>	0
	198 (Tendencypr)	1	0.769	0	-->	1
	199 (Metaconeon)	1	0.444	1	-->	0
	222 (Lingualcon)	1	0.273	1	-->	0
	231 (Reductiono)	1	0.400	0	-->	1
	256 (*Development)	1	0.308	1	==>	2
	272 (Neomesoloph)	1	0.632	0	==>	1
	284 (*Posterior)	1	0.474	0	-->	1
	291 (Heightoft)	1	0.250	1	-->	0
	328 (*Orientatio)	1	0.467	1	-->	0
	333 (Mesolophid)	1	0.500	1	-->	0
	371 (Posteriora)	1	0.706	0	-->	1
	372 (*Lengthof)	1	0.731	1	-->	2
	374 (Posteriora)	1	0.375	0	-->	1
	434 (*Lengthof)	1	0.333	1	-->	0
	439 (Notchfort)	1	0.360	1	-->	4
	485 (*Positiono)	1	0.231	2	-->	3
	498 (Contactbet)	1	0.167	1	-->	0
node_161 --> node_160	5 (*Orientatio)	1	0.571	1	-->	2
	9 (*Degreeofhy)	1	0.111	0	==>	1
	36 (Lingualprot)	1	0.250	0	==>	1
	151 (Lingualpro)	1	0.400	0	==>	1
	209 (Posteroloph)	1	0.333	1	-->	0
	211 (Metalophon)	1	0.647	1	-->	0
	223 (Lingualcon)	1	0.333	1	-->	0
	393 (Alignmento)	1	0.875	0	-->	1
node_160 --> node_159	404 (*Heightof)	1	0.308	2	-->	1
	122 (M1 length/w)	1	0.071	0	==>	1
	123 (M2 length/w)	1	0.154	0	==>	1
	147 (Lingualpro)	1	0.643	0	==>	1
	178 (Mesolophule)	1	0.583	1	-->	0
	183 (Lingualcon)	1	0.810	0	==>	4
	185 (Lingualcon)	1	0.688	1	-->	4
	215 (Lingualcon)	1	0.870	0	-->	3
	230 (Posteroflex)	1	0.500	0	==>	1
node_159 --> node_158	4 (*Orientatio)	1	0.500	1	==>	2
	206 (Posteriori)	1	0.462	1	-->	0
	211 (Metalophon)	1	0.647	0	-->	1
	290 (Anteriorar)	1	0.500	1	-->	0
	401 (Obliquityo)	1	0.632	0	-->	1
	403 (Anteriorar)	1	0.833	0	==>	1
node_158 --> node_157	31 (Lengthofth)	1	0.333	0	-->	1
	63 (Tendencyto)	1	0.286	0	-->	1

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	199 (Metacone on)	1	0.444	0	==>	1
	200 (Metacone on)	1	0.500	0	-->	1
	204 (Anterior ar)	1	0.714	1	-->	0
node_157 --> node_156	311 (Lingual con)	1	0.333	1	==>	0
	102 (Lingual con)	1	0.857	1	-->	2
	103 (Mesolophul e)	1	0.429	1	-->	0
	305 (Anteroconi d)	1	0.286	0	-->	1
	314 (Anterior is)	1	0.500	1	-->	0
	325 (Protoconi d)	1	0.400	1	-->	0
	347 (*Height of)	1	0.500	1	-->	2
	396 (Anterior ar)	1	0.640	1	==>	0
node_156 --> Eoincamys pascua	9 (*Degree of hy)	1	0.111	1	==>	0
	57 (Lingual conn)	1	0.692	0	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	173 (Anterior ar)	1	0.520	1	==>	0
	174 (Posterior a)	1	0.391	1	==>	0
	222 (Lingual con)	1	0.273	0	==>	1
node_156 --> node_155	395 (Position of)	1	0.421	1	==>	0
	3 (*Loph(-id)s (	1	0.273	1	==>	2
	9 (*Degree of hy)	1	0.111	1	==>	2
	27 (Anterocingul)	1	0.444	1	-->	0
	47 (*Posterior i)	1	0.600	1	-->	0
	66 (Fusion of th)	1	0.500	1	-->	0
	261 (Anterior ar)	1	0.533	0	-->	1
	263 (Posterior a)	1	0.286	0	-->	1
	266 (*Anterior i)	1	0.846	1	-->	0
	282 (Notch betwe)	1	0.500	0	-->	1
	283 (Development)	1	0.600	0	-->	1
	284 (*Posterior)	1	0.474	1	-->	0
node_155 --> node_154	296 (*Distance b)	1	0.167	0	-->	1
	13 (Distri bution)	1	0.667	0	==>	1
	229 (*Reducti on)	1	0.167	0	-->	1
node_154 --> node_142	4 (*Orientati on)	1	0.500	2	==>	1
	5 (*Orientati on)	1	0.571	2	==>	1
	35 (Orientati on)	1	0.450	1	-->	0
	50 (Posterior ar)	1	0.556	0	-->	1
	63 (Tendency to)	1	0.286	1	-->	0
	117 (Lingual spu)	1	0.667	0	==>	1
	121 (*Size of M3)	1	0.130	1	-->	0
	198 (Tendency pr)	1	0.769	1	-->	0
	206 (Posterior i)	1	0.462	0	-->	1
	217 (Lingual con)	1	0.696	0	-->	3
	223 (Lingual con)	1	0.333	0	-->	1
	224 (Size of the)	1	0.200	0	-->	1
	308 (*Positi on o)	1	0.273	1	-->	0
	333 (Mesolophi d)	1	0.500	0	-->	1
	338 (Alignmen t o)	1	0.308	1	-->	0
	348 (Length of t)	1	1.000	0	-->	1
	401 (Obl iqui ty o)	1	0.632	1	-->	0
	437 (*Locati on o)	1	0.143	1	-->	2
	449 (Condyl oid a)	1	0.667	0	-->	1
	461 (*Length of)	2	0.118	0	-->	2
	462 (*Posterior)	1	0.154	1	-->	0
node_142 --> Incamys bol ivi an	4 (*Orientati on)	1	0.500	1	==>	0
	8 (*Cement (in y)	2	0.074	0	==>	2
	171 (Posterior i)	1	0.640	1	==>	0
	258 (*Positi on o)	1	0.375	1	==>	2
node_142 --> Microscleromys p	99 (Thi rd crest)	1	0.500	1	==>	0
	100 (Mesoloph on)	1	0.429	1	==>	0
	191 (Positi on of)	1	0.286	0	==>	1
	192 (Positi on of)	1	0.154	0	==>	1
	229 (*Reducti on)	1	0.167	1	-->	0
	256 (*Devel opmen)	1	0.308	2	==>	1
	363 (Labi al conn)	1	0.667	0	==>	1
node_154 --> node_153	11 (Upper tooth)	1	0.125	0	-->	1
	65 (Metacone-pos)	1	0.286	1	-->	0
	67 (Anterior arm)	1	0.500	1	-->	0
	110 (Tendency pr)	1	0.667	0	==>	1

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	143 (Thickness o)	1	0.643	0	-->	1
	208 (Posterior i)	1	0.100	1	-->	0
	252 (*Length of)	1	0.167	1	==>	0
	275 (Labial conn)	1	1.000	0	==>	1
	280 (*Height of)	2	0.667	2	-->	0
	289 (Alignment o)	1	0.800	0	-->	1
	296 (*Distance b)	1	0.167	1	==>	2
	324 (Double ling)	1	0.857	0	-->	1
	331 (Strong forw)	1	1.000	0	-->	1
	343 (Alignment o)	1	0.600	0	-->	1
	346 (Anterior ar)	1	1.000	1	==>	0
	402 (Alignment o)	1	0.882	0	==>	1
	409 (Anteroflexi)	1	0.286	0	==>	1
	471 (Postorbital)	1	0.077	1	-->	0
node_153 --> node_150	96 (*Posterior i)	1	0.375	1	-->	0
	121 (*Size of M3)	1	0.130	1	-->	2
	171 (Posterior i)	1	0.640	1	-->	0
	173 (Anterior ar)	1	0.520	1	-->	0
	214 (Posteroloph)	1	0.846	1	-->	0
	258 (*Position o)	1	0.375	1	==>	2
	273 (Mesiolabial)	1	0.857	0	==>	1
	367 (Anterior is)	1	0.842	1	-->	0
node_150 --> node_149	200 (Metacone on)	1	0.500	1	-->	0
	212 (Metaloph on)	1	0.615	1	-->	0
	256 (*Development)	1	0.308	2	-->	1
	269 (Posterior a)	1	0.545	0	==>	1
	272 (Neomesoloph)	1	0.632	1	-->	0
node_149 --> node_143	57 (Lingual conn)	1	0.692	0	==>	2
	222 (Lingual con)	1	0.273	0	-->	1
	262 (Labial conn)	1	0.588	1	-->	2
node_143 --> Scleromys quadra	183 (Lingual con)	1	0.810	4	==>	0
	257 (Metaconid-p)	1	0.333	0	==>	1
	258 (*Position o)	1	0.375	2	==>	1
	267 (Buccal meta)	1	0.667	0	==>	1
node_143 --> Scleromys angust	227 (*Reduction)	1	0.143	0	==>	1
node_149 --> node_148	9 (*Degree of hy)	1	0.111	2	-->	3
	14 (Importance o)	1	0.333	0	==>	1
	19 (*Lower incis)	1	0.231	0	-->	1
	64 (Metacone on)	1	0.222	1	-->	0
	102 (Lingual con)	1	0.857	2	-->	0
	174 (Posterior a)	1	0.391	1	-->	0
	185 (Lingual con)	1	0.688	4	==>	0
	199 (Metacone on)	1	0.444	1	-->	0
	229 (*Reduction)	1	0.167	1	-->	0
	244 (Laminae on)	1	0.250	0	==>	1
	245 (Laminae on)	1	0.200	0	==>	1
	246 (Laminae on)	1	0.500	0	-->	1
	247 (Laminae on)	1	0.333	0	-->	1
	252 (*Length of)	1	0.167	0	-->	1
	259 (Metalophuli)	1	0.429	0	-->	1
	260 (Anterior ar)	1	0.455	0	-->	1
	274 (Intensity o)	1	1.000	0	-->	1
	354 (*Length of)	1	0.360	2	-->	1
	384 (Length of t)	1	0.700	0	-->	1
	426 (Laminae on)	1	1.000	0	==>	1
	434 (*Length of)	1	0.333	0	==>	1
	440 (*Location o)	1	0.261	0	==>	1
	441 (*Development)	1	0.238	1	-->	2
	442 (*Anterior o)	1	0.214	0	==>	1
node_148 --> node_145	211 (Metaloph on)	1	0.647	1	==>	0
	248 (*Number of)	1	0.667	1	-->	2
	249 (*Number of)	1	0.667	1	-->	2
	256 (*Development)	1	0.308	1	-->	2
	272 (Neomesoloph)	1	0.632	0	-->	1
	409 (Anteroflexi)	1	0.286	1	==>	0
	427 (Number of l)	1	1.000	0	-->	1
	443 (*Development)	1	0.333	1	-->	2
	447 (Coronoid pr)	1	0.500	0	-->	1

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457 (*Length of ) 1 0.154 1 ==> 2
461 (*Length of ) 2 0.118 0 ==> 2
474 (Frontal pro) 1 0.111 1 --> 0
489 (Sphenopal at) 1 0.375 1 --> 0
511 (Devel opment) 1 0.250 1 --> 0
node_145 --> node_144 8 (*Cement (in y) 2 0.074 0 ==> 2
9 (*Degree of hy) 1 0.111 3 --> 2
68 (Metal oph on ) 1 0.462 1 ==> 0
246 (Lami nes on ) 1 0.500 1 --> 0
247 (Lami nes on ) 1 0.333 1 --> 0
385 (Labial conn) 1 1.000 0 --> 1
410 (Strong redu) 1 0.125 0 --> 1
456 (Length of t) 1 0.167 1 --> 0
node_144 --> Drytomomys aequa 13 (Distri buti on) 1 0.667 1 ==> 0
121 (*Si ze of M3) 1 0.130 2 ==> 1
185 (Lingual con) 1 0.688 0 ==> 4
node_144 --> Potamarchus muri 22 (*Si ze of P4 ) 1 0.154 1 ==> 0
120 (*Si ze of M1) 1 0.125 1 ==> 0
217 (Lingual con) 1 0.696 0 ==> 4
230 (Posteroflex) 1 0.500 1 ==> 0
249 (*Number of ) 1 0.667 2 ==> 3
node_145 --> Di nomys brani cki 5 (*Ori entati on ) 1 0.571 2 ==>
(O1)
12 (Degree of th) 1 0.250 1 --> 0
183 (Lingual con) 1 0.810 4 ==> 0
252 (*Length of ) 1 0.167 1 --> 0
437 (*Locati on o) 1 0.143 1 ==> 0
453 (Alveolar pr) 1 0.333 0 ==> 1
node_148 --> node_147 17 (*IPM arrange) 1 0.538 1 --> 0
18 (Enamel of up) 1 0.286 1 --> 0
62 (Pronounced A) 1 0.444 1 ==> 0
63 (Tendency to ) 1 0.286 1 ==> 0
196 (Pronounced ) 1 0.742 1 ==> 0
197 (Pronounced ) 1 0.435 1 ==> 0
198 (Tendency pr) 1 0.769 1 ==> 0
248 (*Number of ) 1 0.667 1 ==> 0
263 (Posterior a) 1 0.286 1 ==> 0
383 (Neomesol oph) 1 0.767 1 ==> 0
437 (*Locati on o) 1 0.143 1 --> 2
443 (*Devel opmen) 1 0.333 1 --> 0
444 (*Devel opmen) 1 0.231 1 --> 2
446 (*Depth of t) 1 0.667 0 --> 1
468 (Contact bet) 1 0.500 0 --> 1
481 (*Devel opmen) 1 0.400 0 ==> 1
499 (Devel opment) 1 0.111 0 --> 1
node_147 --> Neopei bli ma ambr 8 (*Cement (in y) 2 0.074 0 ==> 2
14 (Importance o) 1 0.333 1 ==> 0
19 (*Lower inci s) 1 0.231 1 --> 0
35 (Ori entati on ) 1 0.450 1 ==> 2
256 (*Devel opmen) 1 0.308 1 ==> 0
259 (Metal ophul i) 1 0.429 1 --> 0
260 (Anterior ar) 1 0.455 1 --> 0
261 (Anterior ar) 1 0.533 1 ==> 0
440 (*Locati on o) 1 0.261 1 ==> 2
443 (*Devel opmen) 1 0.333 0 --> 1
457 (*Length of ) 1 0.154 1 ==> 2
462 (*Posterior ) 1 0.154 1 ==> 2
464 (Interorbi ta) 1 0.333 0 ==> 1
501 (Sagi ttal cr) 1 0.333 0 ==> 1
node_147 --> node_146 4 (*Ori entati on ) 1 0.500 2 ==> 1
22 (*Si ze of P4 ) 1 0.154 1 ==> 0
61 (Ori entati on ) 1 0.500 0 ==> 2
249 (*Number of ) 1 0.667 1 ==> 0
439 (Notch for t) 1 0.360 4 ==> 3
457 (*Length of ) 1 0.154 1 ==> 0
475 (Posi ti on of) 1 0.333 1 --> 0
485 (*Posi ti on o) 1 0.231 3 --> 2
492 (Anterior ma) 1 0.400 0 ==> 1

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499 (Development) 1 0.111 1 --> 0
502 (Orientation) 1 0.250 1 ==> 0
503 (Parocci pi ta) 1 0.167 0 ==> 1
node_146 --> Chinchilla lanig 18 (Enamel of up) 1 0.286 0 --> 1
252 (*Length of ) 1 0.167 1 ==> 2
256 (*Development) 1 0.308 1 --> 2
257 (Metaconid-p) 1 0.333 0 ==> 1
258 (*Position o) 1 0.375 2 ==> 1
454 (Anterior pr) 1 0.111 0 ==> 1
468 (Contact bet) 1 0.500 1 --> 0
469 (*Development) 1 0.250 1 ==> 2
node_146 --> Lagidium viscaci 253 (Width of p4) 1 0.111 0 ==> 1
444 (*Development) 1 0.231 2 --> 1
459 (*Palatal ri) 1 0.500 0 ==> 1
471 (Postorbital) 1 0.077 0 --> 1
node_147 --> Lagostomus maxim 20 (*Incisors pr) 1 0.125 1 ==> 2
122 (M1 length/w) 1 0.071 1 ==> 0
123 (M2 length/w) 1 0.154 1 ==> 0
254 (*Talonid of) 1 0.375 2 ==> 1
436 (Mental fora) 1 0.333 0 ==> 1
439 (Notch for t) 1 0.360 4 ==> 1
444 (*Development) 1 0.231 2 ==> 3
445 (Development) 1 0.500 0 ==> 1
452 (*Dorsoventr) 1 0.222 0 ==> 1
458 (*Shape of t) 1 0.143 2 ==> 1
469 (*Development) 1 0.250 1 ==> 0
471 (Postorbital) 1 0.077 0 --> 1
500 (Development) 1 0.143 0 ==> 1
504 (Length of t) 1 0.333 0 ==> 1
node_153 --> node_152 49 (Anterior arm) 1 0.500 1 --> 0
57 (Lingual conn) 1 0.692 0 ==> 2
111 (Metacone on) 1 0.167 0 --> 1
235 (Formation o) 1 0.200 0 ==> 1
262 (Labial conn) 1 0.588 1 ==> 0
354 (*Length of ) 1 0.360 2 --> 1
357 (Position of) 1 0.231 1 --> 0
384 (Length of t) 1 0.700 0 --> 1
412 (Strong redu) 1 0.250 0 --> 1
418 (Formation o) 1 0.400 0 ==> 1
node_152 --> Garri domys curnu 146 (Orientation) 1 0.814 1 ==> 2
166 (*Development) 1 0.545 1 ==> 2
227 (*Reduction ) 1 0.143 0 ==> 1
256 (*Development) 1 0.308 2 ==> 1
269 (Posterior a) 1 0.545 0 ==> 1
359 (Posterior a) 1 0.500 0 ==> 1
441 (*Development) 1 0.238 1 ==> 0
node_152 --> node_151 8 (*Cement (in y) 2 0.074 0 ==> 2
14 (Importance o) 1 0.333 0 ==> 1
35 (Orientation ) 1 0.450 1 --> 2
151 (Lingual pro) 1 0.400 1 --> 0
226 (Paraflexus ) 1 0.143 0 --> 1
229 (*Reduction ) 1 0.167 1 --> 2
265 (Mesostylid ) 1 0.583 1 --> 0
267 (Buccal meta) 1 0.667 0 --> 1
272 (Neomesoloph) 1 0.632 1 --> 0
360 (Length of t) 1 0.650 0 --> 1
363 (Labial conn) 1 0.667 0 --> 1
366 (Mesostylid ) 1 0.750 1 --> 0
383 (Neomesoloph) 1 0.767 1 --> 0
411 (Mesoflexid ) 1 0.250 0 ==> 1
437 (*Location o) 1 0.143 1 --> 2
439 (Notch for t) 1 0.360 4 --> 1
443 (*Development) 1 0.333 1 --> 2
node_151 --> Eoviscaccia fras 252 (*Length of ) 1 0.167 0 ==> 1
253 (Width of p4) 1 0.111 0 ==> 1
node_157 --> Chambi ramys shi p 80 (Outgrowth of) 1 0.500 1 ==> 0
175 (Third crest) 1 0.333 1 ==> 0
180 (Mesoloph on) 1 0.800 1 ==> 0

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Hsearch_Consensus.out
327 (Third crest) 1 0.250 1 ==> 0
329 (Neomesoloph) 1 0.529 1 ==> 0
383 (Neomesoloph) 1 0.767 1 ==> 0
node_158 --> Eoincamys parvus 49 (Anterior arm) 1 0.500 1 ==> 0
64 (Metacone on) 1 0.222 1 ==> 0
68 (Metaloph on) 1 0.462 1 ==> 0
173 (Anterior ar) 1 0.520 1 ==> 0
174 (Posterior a) 1 0.391 1 ==> 0
212 (Metaloph on) 1 0.615 1 ==> 0
224 (Size of the) 1 0.200 0 ==> 1
353 (Trigoni d wi) 1 0.125 1 ==> 0
node_159 --> Chambi ramys syl v 201 (*Developmen) 1 0.400 1 ==> 2
207 (Posteroloph) 1 0.750 0 ==> 1
222 (Lingual con) 1 0.273 0 --> 1
229 (*Reducti on) 1 0.167 0 ==> 1
273 (Mesiolabi al) 1 0.857 0 ==> 1
409 (Anteroflexi) 1 0.286 0 ==> 1
node_160 --> Eoincamys val ver 61 (Orientati on) 1 0.500 0 ==> 2
149 (Length of t) 1 0.800 0 ==> 1
node_161 --> Eoincamys ameghi 44 (*Development) 1 0.636 1 ==> 2
201 (*Developmen) 1 0.400 1 ==> 2
204 (Anterior ar) 1 0.714 1 ==> 0
207 (Posteroloph) 1 0.750 0 ==> 1
node_195 --> node_194 17 (*IPM arrange) 1 0.538 1 --> 2
20 (*Incisors pr) 1 0.125 1 --> 0
22 (*Size of P4) 1 0.154 1 --> 2
28 (Posterior ar) 1 0.500 1 --> 0
43 (Mesostyle on) 1 0.500 1 --> 0
51 (Third crest) 1 0.556 1 --> 0
56 (Mesoloph on) 1 0.750 1 --> 0
97 (Anterior arm) 1 0.375 1 --> 0
109 (Pronounced) 1 0.333 1 --> 0
174 (Posterior a) 1 0.391 1 --> 0
200 (Metacone on) 1 0.500 0 --> 1
213 (Height of t) 1 0.667 2 --> 0
225 (Size of the) 1 0.400 0 --> 1
239 (Fusion of t) 1 1.000 0 --> 1
240 (Fusion of t) 1 1.000 1 --> 0
241 (Shape of th) 1 0.750 2 --> 3
242 (Shape of th) 1 0.750 2 --> 3
262 (Labial conn) 1 0.588 1 ==> 0
263 (Posterior a) 1 0.286 0 ==> 1
265 (Mesostylid) 1 0.583 1 ==> 0
266 (*Anterior i) 1 0.846 1 --> 0
308 (*Position o) 1 0.273 1 --> 2
330 (Length of t) 1 0.500 1 --> 0
338 (Alignment o) 1 0.308 1 --> 0
347 (*Height of) 1 0.500 1 --> 0
360 (Length of t) 1 0.650 0 ==> 1
366 (Mesostylid) 1 0.750 1 ==> 0
383 (Neomesoloph) 1 0.767 1 ==> 0
396 (Anterior ar) 1 0.640 1 ==> 0
410 (Strong redu) 1 0.125 0 ==> 1
444 (*Developmen) 1 0.231 1 --> 0
469 (*Developmen) 1 0.250 1 --> 2
502 (Orientati on) 1 0.250 1 --> 0
503 (Parocci pi ta) 1 0.167 0 --> 1
513 (Development) 1 0.333 1 --> 0
node_194 --> node_162 121 (*Size of M3) 1 0.130 1 --> 2
179 (*Length of) 1 0.680 0 --> 1
212 (Metaloph on) 1 0.615 1 --> 0
217 (Lingual con) 1 0.696 0 --> 4
354 (*Length of) 1 0.360 2 --> 1
372 (*Length of) 1 0.731 1 --> 0
375 (*Length of) 1 0.353 1 --> 0
440 (*Locati on o) 1 0.261 0 ==> 1
442 (*Anterior o) 1 0.214 0 --> 1
node_162 --> Draconomys verai 256 (*Developmen) 1 0.308 1 ==> 0

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node_162 --> Leucokephalos ze	439 (Notch for t)	1	0.360	1	==>	4
node_194 --> node_193	168 (*Position o)	1	0.375	1	==>	2
	214 (Posterior oph)	1	0.846	1	-->	0
	253 (Width of p4)	1	0.111	0	==>	1
node_193 --> node_192	21 (Third upper)	1	0.333	0	-->	1
	36 (Lingual prot)	1	0.250	0	-->	1
	96 (*Posterior i)	1	0.375	1	==>	2
	111 (Metacone on)	1	0.167	0	==>	1
	121 (*Size of M3)	1	0.130	1	-->	0
	142 (Posterior a)	1	0.731	0	==>	1
	166 (*Development)	1	0.545	1	==>	2
	167 (*Height of)	1	0.750	1	-->	2
	261 (Anterior ar)	1	0.533	0	==>	1
	315 (Anterior co)	1	0.833	0	-->	1
	378 (Direction o)	1	0.625	1	==>	0
	441 (*Development)	1	0.238	1	==>	0
node_192 --> node_167	174 (Posterior a)	1	0.391	0	-->	1
	177 (Mesolophule)	1	0.583	1	-->	0
	197 (Pronounced)	1	0.435	1	==>	0
	267 (Buccal meta)	1	0.667	0	-->	1
	322 (Posterior a)	1	0.600	1	-->	0
	357 (Position of)	1	0.231	1	-->	0
	369 (Metaconid c)	1	0.966	0	==>	1
	372 (*Length of)	1	0.731	1	-->	0
	373 (Lingual con)	1	0.905	0	-->	4
	448 (Height of t)	1	0.143	1	-->	0
	462 (*Posterior)	1	0.154	1	-->	0
node_167 --> node_166	36 (Lingual prot)	1	0.250	1	-->	0
	62 (Pronounced A)	1	0.444	1	-->	0
	179 (*Length of)	1	0.680	0	-->	1
	196 (Pronounced)	1	0.742	1	==>	0
	223 (Lingual con)	1	0.333	1	-->	0
	252 (*Length of)	1	0.167	1	-->	2
	288 (Posterior c)	1	1.000	0	==>	1
	354 (*Length of)	1	0.360	2	==>	1
	375 (*Length of)	1	0.353	1	-->	0
node_166 --> node_163	22 (*Size of P4)	1	0.154	2	==>	1
	38 (*Orientation)	1	0.600	2	==>	1
	39 (Mure on P4)	1	0.500	1	==>	0
	59 (Anterior arm)	1	0.778	1	==>	0
	177 (Mesolophule)	1	0.583	0	-->	1
	182 (*Length of)	1	0.625	1	-->	0
	401 (Obliquity o)	1	0.632	0	-->	1
node_163 --> Platypitmys br	35 (Orientation)	1	0.450	1	==>	0
	120 (*Size of M1)	1	0.125	1	==>	0
	122 (M1 length/w)	1	0.071	0	==>	1
	286 (Length of t)	1	0.571	0	==>	1
	287 (Labial conn)	1	0.833	2	==>	1
	376 (Lingual con)	1	0.636	0	==>	3
	403 (Anterior ar)	1	0.833	0	==>	1
	443 (*Development)	1	0.333	1	==>	2
node_163 --> Deseadomys aramb	121 (*Size of M3)	1	0.130	0	-->	1
	252 (*Length of)	1	0.167	2	-->	1
	253 (Width of p4)	1	0.111	1	==>	0
	284 (*Posterior)	2	0.474	0	==>	2
	353 (Trigoni d wi)	1	0.125	1	==>	0
	375 (*Length of)	2	0.353	0	==>	2
	439 (Notch for t)	1	0.360	1	==>	4
	440 (*Location o)	1	0.261	0	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
node_166 --> node_165	9 (*Degree of hy)	1	0.111	0	-->	1
	31 (Length of th)	1	0.333	0	==>	1
	43 (Mesostyle on)	1	0.500	0	==>	1
	51 (Third crest)	1	0.556	0	==>	1
	52 (Mesolophule)	1	0.643	0	-->	1
	182 (*Length of)	1	0.625	1	-->	2
	183 (Lingual con)	1	0.810	1	-->	5
	227 (*Reduction)	1	0.143	0	-->	1

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	270 (Lingual con)	1	0.773	0	==> 3
	296 (*Distance b)	2	0.167	0	--> 2
node_165 --> node_164	376 (Lingual con)	1	0.636	0	==> 4
	122 (M1 length/w)	1	0.071	0	==> 1
	123 (M2 length/w)	1	0.154	0	==> 1
	197 (Pronounced)	1	0.435	0	==> 1
	226 (Paraflexus)	1	0.143	0	==> 1
	235 (Formati on o)	1	0.200	0	==> 1
	261 (Anterior ar)	1	0.533	1	--> 0
	330 (Length of t)	1	0.500	0	--> 1
	409 (Anteroflexi)	1	0.286	0	--> 1
node_164 --> Acaremys muri nus	439 (Notch for t)	1	0.360	1	==> 4
	9 (*Degree of hy)	1	0.111	1	--> 0
	35 (Orientati on)	1	0.450	1	==> 0
	109 (Pronounced)	1	0.333	0	--> 1
	121 (*Size of M3)	1	0.130	0	--> 1
	146 (Orientati on)	1	0.814	1	==> 0
	252 (*Length of)	1	0.167	2	--> 1
	262 (Labial conn)	1	0.588	0	==> 1
node_164 --> Sci amys pri nci pa	443 (*Devel opmen)	1	0.333	1	==> 0
	3 (*Loph(-id)s (	1	0.273	1	==> 2
	286 (Length of t)	1	0.571	0	==> 1
	287 (Labial conn)	1	0.833	2	==> 1
node_165 --> Gal ileomys euryg	414 (Strong redu)	1	0.333	0	==> 1
	84 (Orientati on)	1	0.471	1	==> 0
	117 (Lingual spu)	1	0.667	0	==> 1
	142 (Posterior a)	1	0.731	1	==> 0
	173 (Anterior ar)	1	0.520	1	==> 0
	259 (Metal ophul i)	1	0.429	0	==> 1
	260 (Anterior ar)	1	0.455	0	==> 1
	308 (*Positi on o)	1	0.273	2	--> 1
	334 (Lingual con)	1	0.632	2	==> 0
	359 (Posterior a)	1	0.500	0	==> 1
	440 (*Locati on o)	1	0.261	0	==> 1
	442 (*Anterior o)	1	0.214	0	==> 1
node_167 --> Wi lli dewu estepa	443 (*Devel opmen)	1	0.333	1	==> 2
	63 (Tendency to)	1	0.286	0	==> 1
	120 (*Size of M1)	1	0.125	1	==> 0
	167 (*Height of)	1	0.750	2	--> 1
	183 (Lingual con)	1	0.810	1	==> 0
	200 (Metacone on)	1	0.500	1	==> 0
node_192 --> node_191	375 (*Length of)	1	0.353	1	==> 2
	10 (Substituti on)	1	0.250	0	==> 1
	73 (*DP4 length/)	1	0.333	2	--> 1
	100 (Mesoloph on)	1	0.429	1	==> 0
	122 (M1 length/w)	1	0.071	0	==> 1
	123 (M2 length/w)	1	0.154	0	==> 1
	173 (Anterior ar)	1	0.520	1	==> 0
	227 (*Reducti on)	1	0.143	0	--> 1
	292 (Length of t)	1	0.750	0	--> 1
	328 (*Orientati o)	1	0.467	1	--> 2
	454 (Anterior pr)	1	0.111	0	--> 1
node_191 --> node_190	458 (*Shape of t)	1	0.143	2	--> 1
	317 (Metaconid c)	1	0.571	1	--> 0
	359 (Posterior a)	1	0.500	0	==> 1
	374 (Posterior a)	1	0.375	0	==> 1
node_190 --> node_189	376 (Lingual con)	1	0.636	0	--> 2
	121 (*Size of M3)	1	0.130	0	--> 1
	225 (Size of the)	1	0.400	1	--> 0
	227 (*Reducti on)	1	0.143	1	--> 0
	309 (Metaconid-p)	1	0.500	0	==> 1
	314 (Anterior is)	1	0.500	1	--> 0
	354 (*Length of)	1	0.360	2	==> 1
node_189 --> node_188	443 (*Devel opmen)	1	0.333	1	==> 2
	172 (Posterior c)	1	1.000	0	--> 1
	196 (Pronounced)	1	0.742	1	--> 0
	357 (Positi on of)	1	0.231	1	==> 0
	395 (Positi on of)	1	0.421	1	==> 0

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404 (*Height of ) 2 0.308 2 --> 0
439 (Notch for t) 1 0.360 1 ==> 4
node_188 --> node_187
97 (Anterior arm) 1 0.375 0 --> 1
100 (Mesoloph on) 1 0.429 0 --> 1
143 (Thickness o) 1 0.643 0 --> 1
148 (*Height of ) 1 0.571 2 --> 1
159 (*Height of ) 2 0.667 2 --> 0
171 (Posterior i) 1 0.640 1 --> 0
197 (Pronounced ) 1 0.435 1 ==> 0
314 (Anterior is) 1 0.500 0 --> 1
326 (Connecti on) 1 0.667 0 --> 1
340 (*Positi on o) 1 0.412 2 ==> 1
360 (Length of t) 1 0.650 1 --> 0
401 (Obliqui ty o) 1 0.632 0 ==> 1
410 (Strong redu) 1 0.125 1 ==> 0
node_187 --> Prospani omys pri
20 (*Incisors pr) 1 0.125 0 --> 1
146 (Orientati on) 1 0.814 1 ==> 2
303 (Tri goni d wi) 1 0.125 0 ==> 1
353 (Tri goni d wi) 1 0.125 1 ==> 0
372 (*Length of ) 1 0.731 1 ==> 0
500 (Devel opment) 1 0.143 0 ==> 1
513 (Devel opment) 1 0.333 0 --> 1
node_187 --> node_186
3 (*Loph(-id)s () 1 0.273 1 --> 2
5 (*Orientati on) 2 0.571 0 ==> 2
9 (*Degree of hy) 1 0.111 0 ==> 1
73 (*DP4 length/) 1 0.333 1 --> 2
327 (Thi rd crist) 1 0.250 1 ==> 0
328 (*Orientati o) 2 0.467 2 ==> 0
333 (Mesol ophi d ) 1 0.500 1 ==> 0
338 (Alignm ent o) 1 0.308 0 ==> 1
372 (*Length of ) 1 0.731 1 ==> 2
443 (*Devel opmen) 1 0.333 2 ==> 1
476 (Inferi or ju) 1 0.333 0 --> 1
478 (Depth of th) 1 0.250 0 --> 1
node_186 --> node_183
9 (*Degree of hy) 1 0.111 1 ==> 2
96 (*Posterior i) 2 0.375 2 --> 0
125 (Parastyle o) 1 0.842 0 --> 1
168 (*Positi on o) 1 0.375 2 --> 1
235 (Formati on o) 1 0.200 0 --> 1
309 (Metaconi d-p) 1 0.500 1 --> 0
314 (Anterior is) 1 0.500 1 --> 0
371 (Posterior a) 1 0.706 0 ==> 1
384 (Length of t) 1 0.700 0 --> 1
436 (Mental fora) 1 0.333 0 ==> 1
439 (Notch for t) 1 0.360 4 ==> 0
node_183 --> node_182
11 (Upper tooth ) 1 0.125 0 --> 1
395 (Positi on of) 1 0.421 0 ==> 1
438 (Positi on of) 1 0.286 1 --> 0
471 (Postorbi tal) 1 0.077 1 --> 0
477 (*Positi on o) 1 0.667 0 --> 1
485 (*Positi on o) 1 0.231 2 --> 1
486 (*Devel opmen) 1 0.222 0 ==> 1
494 (Devel opment) 1 0.167 1 --> 0
507 (Lateral pro) 1 1.000 0 ==> 1
511 (Devel opment) 1 0.250 1 ==> 0
node_182 --> node_176
235 (Formati on o) 1 0.200 1 --> 0
340 (*Positi on o) 1 0.412 1 ==> 2
439 (Notch for t) 1 0.360 0 ==> 1
455 (*Devel opmen) 1 0.286 0 ==> 1
510 (Thi ckness o) 1 0.250 0 --> 1
node_176 --> node_173
11 (Upper tooth ) 1 0.125 1 --> 0
12 (Degree of th) 1 0.250 0 --> 1
148 (*Height of ) 1 0.571 1 --> 0
223 (Lingual con) 1 0.333 1 --> 0
308 (*Positi on o) 1 0.273 2 --> 1
317 (Metaconi d c) 1 0.571 0 --> 1
327 (Thi rd crist) 1 0.250 0 ==> 1
330 (Length of t) 1 0.500 0 --> 1

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	333 (Mesolophid)	1	0.500	0	-->	1
	338 (Alignment)	1	0.308	1	-->	0
	378 (Direction)	1	0.625	0	-->	1
	488 (Palatine fo)	1	0.250	0	=>	1
node_173 --> node_171	489 (Sphenopalat)	1	0.375	1	-->	0
	152 (*Height of)	2	0.667	2	-->	0
	325 (Protoconid)	1	0.400	1	-->	0
	354 (*Length of)	1	0.360	1	-->	0
	451 (*Posterior)	1	0.200	1	-->	0
	483 (Position of)	1	0.600	0	=>	1
	497 (Fusion of t)	1	0.600	1	-->	0
	499 (Development)	1	0.111	0	-->	1
node_171 --> node_170	506 (Mastoid pro)	1	0.250	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
node_170 --> node_169	303 (Trigoni d wi)	1	0.125	0	=>	1
	308 (*Position o)	1	0.273	1	-->	0
	366 (Mesostylid)	1	0.750	0	=>	1
	383 (Neomesoloph)	1	0.767	0	-->	1
	395 (Position of)	1	0.421	1	=>	0
	439 (Notch for t)	1	0.360	1	=>	4
node_169 --> node_168	440 (*Location o)	1	0.261	0	=>	1
	4 (*Orientation)	1	0.500	0	=>	1
	20 (*Incisors pr)	2	0.125	0	-->	2
	120 (*Size of M1)	1	0.125	1	=>	0
	222 (Lingual con)	1	0.273	1	-->	0
	340 (*Position o)	1	0.412	2	=>	1
	367 (Anterior is)	1	0.842	1	-->	0
	438 (Position of)	1	0.286	0	-->	1
	451 (*Posterior)	1	0.200	0	-->	1
	452 (*Dorsoventr)	1	0.222	0	-->	1
	455 (*Development)	1	0.286	1	-->	0
	456 (Length of t)	1	0.167	1	-->	0
	458 (*Shape of t)	1	0.143	1	-->	2
	464 (Interorbital)	1	0.333	0	-->	1
	488 (Palatine fo)	1	0.250	1	=>	0
	494 (Development)	1	0.167	0	-->	1
	498 (Contact bet)	1	0.167	1	-->	0
	501 (Sagittal cr)	1	0.333	0	-->	1
	502 (Orientation)	1	0.250	0	-->	1
	503 (Parocci pita)	1	0.167	1	-->	0
	504 (Length of t)	1	0.333	0	-->	1
node_168 --> Spani omys ri pari	508 (Development)	1	1.000	0	-->	1
	9 (*Degree of hy)	1	0.111	2	=>	1
	84 (Orientation)	1	0.471	1	=>	2
	110 (Tendency pr)	1	0.667	0	=>	1
	234 (*Transversa)	1	0.286	0	=>	1
	308 (*Position o)	2	0.273	0	=>	2
	313 (Mesostylid)	1	0.571	1	=>	0
node_168 --> Myocastor coypus	483 (Position of)	1	0.600	1	=>	0
	8 (*Cement (in y)	2	0.074	0	=>	2
	11 (Upper tooth)	1	0.125	0	=>	1
	19 (*Lower incis)	1	0.231	0	=>	1
	109 (Pronounced)	1	0.333	1	-->	0
	226 (Paraflexus)	1	0.143	0	=>	1
	303 (Trigoni d wi)	1	0.125	1	=>	0
	311 (Lingual con)	1	0.333	1	=>	0
	323 (Lingual con)	1	0.800	0	=>	3
	371 (Posterior a)	1	0.706	1	=>	0
	374 (Posterior a)	1	0.375	1	=>	0
	454 (Anterior pr)	1	0.111	1	=>	0
	462 (*Posterior)	1	0.154	1	=>	2
	471 (Postorbital)	1	0.077	0	=>	1
	476 (Inferior ju)	1	0.333	1	=>	0
	485 (*Position o)	2	0.231	1	=>	3
	486 (*Development)	1	0.222	1	=>	0
	491 (*Apex of th)	1	0.500	1	=>	2
node_169 --> Proechi mys cuvie	3 (*Loph(-id)s)	1	0.273	2	=>	1
	86 (Height of th)	1	1.000	1	=>	0

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	142 (Posterior a)	1	0.731	1	==>	0
	146 (Orientation)	1	0.814	1	==>	0
	225 (Size of the)	1	0.400	0	-->	1
	227 (*Reduction)	1	0.143	0	==>	1
	229 (*Reduction)	1	0.167	0	==>	1
	322 (Posterior a)	1	0.600	1	==>	0
	338 (Alignment o)	1	0.308	0	==>	1
	354 (*Length of)	1	0.360	0	-->	1
	359 (Posterior a)	1	0.500	1	==>	0
	410 (Strong redu)	1	0.125	0	==>	1
	455 (*Development)	1	0.286	1	==>	2
	486 (*Development)	1	0.222	1	==>	2
	499 (Development)	1	0.111	1	-->	0
node_170 --> Maruchito trilof	19 (*Lower incis)	1	0.231	0	==>	1
	436 (Mental fora)	1	0.333	1	==>	0
	442 (*Anterior o)	1	0.214	0	==>	1
	443 (*Development)	1	0.333	1	==>	0
node_171 --> Thrichomys apere	5 (*Orientation)	2	0.571	2	==>	0
	73 (*DP4 length/)	1	0.333	2	==>	1
	84 (Orientation)	1	0.471	1	==>	0
	121 (*Size of M3)	1	0.130	1	==>	0
	197 (Pronounced)	1	0.435	0	==>	1
	223 (Lingual con)	1	0.333	0	-->	1
	227 (*Reduction)	1	0.143	0	==>	1
	229 (*Reduction)	1	0.167	0	==>	1
	308 (*Position o)	1	0.273	1	-->	2
	317 (Metaconid c)	1	0.571	1	-->	0
	328 (*Orientatio)	1	0.467	0	==>	1
	393 (Alignment o)	1	0.875	0	==>	1
	412 (Strong redu)	1	0.250	0	==>	1
	414 (Strong redu)	1	0.333	0	==>	1
	418 (Formatio n o)	1	0.400	0	==>	1
	441 (*Development)	1	0.238	0	==>	1
	457 (*Length of)	1	0.154	1	==>	0
	458 (*Shape of t)	1	0.143	1	==>	0
	462 (*Posterior)	1	0.154	1	==>	2
	474 (Frontal pro)	1	0.111	1	==>	0
	486 (*Development)	1	0.222	1	==>	0
	489 (Sphenopal at)	1	0.375	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	2
	510 (Thickness o)	1	0.250	1	-->	0
node_173 --> node_172	15 (Number of ro)	1	1.000	0	==>	1
	19 (*Lower incis)	1	0.231	0	==>	1
	174 (Posterior a)	1	0.391	0	-->	1
	179 (*Length of)	1	0.680	0	-->	1
	182 (*Length of)	1	0.625	1	-->	0
	244 (Laminae on)	1	0.250	0	==>	1
	245 (Laminae on)	1	0.200	0	==>	1
	337 (Distal ecto)	1	1.000	1	==>	0
	404 (*Height of)	2	0.308	0	-->	2
	443 (*Development)	1	0.333	1	-->	2
	457 (*Length of)	1	0.154	1	==>	2
	461 (*Length of)	2	0.118	0	==>	2
	485 (*Position o)	1	0.231	1	==>	0
	486 (*Development)	1	0.222	1	==>	2
	500 (Development)	1	0.143	0	==>	1
node_172 --> Echimys chrysuru	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	1
	20 (*Incisors pr)	1	0.125	0	-->	1
	84 (Orientation)	1	0.471	1	==>	2
	441 (*Development)	1	0.238	0	==>	1
	452 (*Dorsoventr)	1	0.222	0	==>	1
	471 (Postorbital)	1	0.077	0	-->	1
	477 (*Position o)	1	0.667	1	==>	2
	503 (Parocci pi ta)	1	0.167	1	==>	0
node_172 --> Makalata didelph	391 (Ectolophid)	1	0.833	1	==>	0
	395 (Position of)	1	0.421	1	==>	0
	438 (Position of)	1	0.286	0	==>	1

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	455 (*Devel opmen)	1	0.286	1	==>	2
	458 (*Shape of t)	1	0.143	1	-->	2
node_176 --> node_175	494 (Devel opment)	1	0.167	0	==>	1
	88 (Mure on DP4)	1	0.600	1	-->	0
	89 (Lenght of th)	1	0.750	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
	177 (Mesol ophul e)	1	0.583	1	-->	0
	178 (Mesol ophul e)	1	0.583	1	-->	0
	183 (Lingual con)	1	0.810	1	-->	4
	185 (Lingual con)	1	0.688	1	-->	4
	186 (Double ling)	1	1.000	0	-->	3
	196 (Pronounced)	1	0.742	0	==>	1
	197 (Pronounced)	1	0.435	0	==>	1
	198 (Tendency pr)	1	0.769	0	==>	1
	214 (Posterol oph)	1	0.846	0	-->	1
	217 (Lingual con)	1	0.696	0	-->	2
	231 (Reducti on o)	1	0.400	0	-->	1
	477 (*Positi on o)	1	0.667	1	-->	2
	498 (Contact bet)	1	0.167	1	-->	0
node_175 --> node_174	5 (*Orientati on)	1	0.571	2	==>	1
	393 (Alignment o)	1	0.875	0	-->	1
	412 (Strong redu)	1	0.250	0	-->	1
	439 (Notch for t)	1	0.360	1	-->	4
	443 (*Devel opmen)	1	0.333	1	-->	2
	448 (Height of t)	1	0.143	1	-->	0
	454 (Anterior pr)	1	0.111	1	-->	0
	474 (Frontal pro)	1	0.111	1	-->	0
	478 (Depth of th)	1	0.250	1	-->	0
	486 (*Devel opmen)	1	0.222	1	==>	0
	487 (Positi on of)	1	0.500	0	==>	1
	500 (Devel opment)	1	0.143	0	-->	1
node_174 --> Protadel phomys l	4 (*Ori entati on)	2	0.500	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	1
	10 (Substi tuti on)	1	0.250	1	==>	0
	11 (Upper tooth)	1	0.125	1	-->	0
	120 (*Si ze of M1)	1	0.125	1	==>	0
	121 (*Si ze of M3)	1	0.130	1	==>	0
	149 (Length of t)	1	0.800	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	166 (*Devel opmen)	1	0.545	2	==>	1
	200 (Metacone on)	1	0.500	1	==>	0
	212 (Metal oph on)	1	0.615	1	==>	0
node_174 --> Euryzygomatomys	145 (Labial prot)	1	1.000	0	==>	1
	146 (Ori entati on)	1	0.814	1	==>	0
	155 (Mure on M1-)	1	0.667	1	==>	0
	157 (Mure on M3)	1	0.500	1	==>	0
	168 (*Positi on o)	1	0.375	1	==>	0
	227 (*Reducti on)	1	0.143	0	==>	1
	395 (Positi on of)	1	0.421	1	==>	0
	457 (*Length of)	1	0.154	1	==>	2
node_175 --> Mesocapromys/Mys	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	18 (Enamel of up)	1	0.286	1	==>	0
	19 (*Lower incis)	1	0.231	0	==>	1
	20 (*Inci sors pr)	1	0.125	0	-->	1
	226 (Paraflexus)	1	0.143	0	==>	1
	234 (*Transversa)	1	0.286	0	==>	1
	354 (*Length of)	1	0.360	1	==>	2
	402 (Alignment o)	1	0.882	0	==>	1
	438 (Positi on of)	1	0.286	0	==>	1
	440 (*Locati on o)	1	0.261	0	==>	1
	456 (Length of t)	1	0.167	1	==>	0
	458 (*Shape of t)	1	0.143	1	-->	2
	460 (Margins of)	1	0.250	0	==>	1
	464 (Interorbi ta)	1	0.333	0	==>	1
	471 (Postorbi tal)	1	0.077	0	-->	1
	497 (Fusi on of t)	1	0.600	1	==>	0
	499 (Devel opment)	1	0.111	0	==>	1

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	502 (Orientation)	1	0.250	0	==>	1
	503 (Parocci pi ta)	1	0.167	1	==>	0
	510 (Thickness o)	1	0.250	1	-->	0
	512 (Accessory f)	1	0.250	0	==>	1
node_182 --> node_181	5 (*Orientation)	2	0.571	2	-->	0
	20 (*Incisors pr)	1	0.125	0	-->	1
	73 (*DP4 length/)	1	0.333	2	-->	1
	349 (Anteroflexi)	1	0.500	0	==>	1
	351 (Metaflexid)	1	1.000	0	==>	1
	354 (*Length of)	1	0.360	1	==>	2
	401 (Obliquity o)	1	0.632	1	-->	0
	411 (Mesoflexid)	1	0.250	0	==>	1
	418 (Formation o)	1	0.400	0	==>	1
	440 (*Location o)	1	0.261	0	==>	1
	441 (*Development)	1	0.238	0	-->	1
	442 (*Anterior o)	1	0.214	0	==>	1
	448 (Height of t)	1	0.143	1	-->	0
	454 (Anterior pr)	1	0.111	1	-->	0
	457 (*Length of)	1	0.154	1	-->	2
	473 (Conformatio)	1	0.500	0	-->	1
	476 (Inferior ju)	1	0.333	1	-->	0
	479 (Length of t)	1	0.333	0	-->	1
	493 (Lateral dev)	1	0.500	0	-->	1
	496 (Fusion of t)	1	1.000	1	-->	0
node_181 --> node_178	505 (Development)	1	1.000	0	-->	1
	228 (Mesial meso)	1	0.400	1	-->	0
	232 (Hypoflexus)	1	0.800	1	-->	0
	236 (Number of I)	1	1.000	1	-->	0
	237 (*Number of)	1	1.000	1	-->	0
	238 (Complete fu)	1	1.000	0	-->	1
	350 ((Distal) me)	1	1.000	0	==>	1
	413 (Metaflexid)	1	0.500	0	==>	1
	419 (Number of I)	1	1.000	1	-->	0
	423 (Complete fu)	1	1.000	0	==>	1
	441 (*Development)	1	0.238	1	-->	2
	443 (*Development)	1	0.333	1	-->	2
	444 (*Development)	1	0.231	0	-->	1
	458 (*Shape of t)	1	0.143	1	-->	2
	471 (Postorbital)	1	0.077	0	-->	1
	475 (Position of)	1	0.333	1	-->	0
	485 (*Position o)	1	0.231	1	-->	2
node_178 --> node_177	494 (Development)	1	0.167	0	-->	1
	415 (Hypoflexid)	1	1.000	0	==>	1
node_177 --> Xenodontomys sim	422 (Complete fu)	1	1.000	0	==>	1
	354 (*Length of)	1	0.360	2	==>	1
node_177 --> Ctenomys bolivi e	457 (*Length of)	1	0.154	2	-->	1
	9 (*Degree of hy)	1	0.111	2	==>	3
	121 (*Size of M3)	1	0.130	1	==>	0
	353 (Trigoni d wi)	1	0.125	1	==>	0
	439 (Notch for t)	1	0.360	0	==>	4
node_181 --> node_180	440 (*Location o)	1	0.261	1	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	226 (Paraflexus)	1	0.143	0	==>	1
	392 (Mesiolabial)	1	0.931	1	==>	0
	420 (Shape of th)	1	0.750	0	==>	3
	421 (Shape of th)	1	1.000	0	==>	3
	424 (Fusion of t)	1	1.000	0	==>	1
	425 (Fusion of t)	1	0.500	1	==>	0
	485 (*Position o)	1	0.231	1	-->	0
node_180 --> node_179	500 (Development)	1	0.143	0	-->	1
	121 (*Size of M3)	1	0.130	1	-->	0
	439 (Notch for t)	1	0.360	0	-->	3
	443 (*Development)	1	0.333	1	-->	0
	448 (Height of t)	1	0.143	0	-->	1
	454 (Anterior pr)	1	0.111	0	-->	1
	474 (Frontal pro)	1	0.111	1	-->	0
	488 (Palatine fo)	1	0.250	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	0

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	511 (Development)	1	0.250	0	-->	1
node_179 --> Pithanotomys col	8 (*Cement (in y)	2	0.074	0	-->	2
	73 (*DP4 length/)	1	0.333	1	==>	2
	241 (Shape of th)	1	0.750	3	==>	2
	242 (Shape of th)	1	0.750	3	==>	2
	492 (Anterior ma)	1	0.400	0	==>	1
node_179 --> Octodon degus	228 (Mesial meso)	1	0.400	1	==>	0
	462 (*Posterior)	1	0.154	1	==>	0
node_180 --> Spalacopus cyanu	20 (*Incisors pr)	1	0.125	1	==>	2
	441 (*Development)	1	0.238	1	-->	0
	478 (Depth of th)	1	0.250	1	==>	0
	479 (Length of t)	1	0.333	1	-->	0
	493 (Lateral dev)	1	0.500	1	-->	0
node_183 --> Abrocoma bennett	3 (*Loph(-id)s (	1	0.273	2	-->	1
	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	18 (Enamel of up)	1	0.286	1	==>	0
	121 (*Size of M3)	1	0.130	1	==>	2
	226 (Paraflexus)	1	0.143	0	==>	1
	469 (*Development)	1	0.250	2	-->	1
	481 (*Development)	2	0.400	0	==>	2
	482 (Association)	1	0.500	0	-->	1
	512 (Accessory f)	1	0.250	0	==>	1
node_186 --> node_185	4 (*Orientation)	2	0.500	0	-->	2
	87 (*Orientation)	1	0.500	2	-->	1
	121 (*Size of M3)	1	0.130	1	-->	0
	234 (*Transversa)	1	0.286	0	==>	1
	323 (Lingual con)	1	0.800	0	==>	2
	334 (Lingual con)	1	0.632	2	-->	0
	343 (Alignment o)	1	0.600	0	-->	1
	402 (Alignment o)	1	0.882	0	==>	1
	411 (Mesoflexid)	1	0.250	0	-->	1
	440 (*Location o)	1	0.261	0	-->	1
	441 (*Development)	1	0.238	0	==>	1
node_185 --> Adelphomys candi	120 (*Size of M1)	1	0.125	1	==>	0
node_185 --> node_184	373 (Lingual con)	1	0.905	0	==>	5
	19 (*Lower incis)	1	0.231	0	==>	1
	150 (*Orientation)	1	0.727	2	==>	1
	154 (*Orientation)	1	0.700	2	==>	1
	303 (Trigoni d wi)	1	0.125	0	==>	1
	359 (Posterior a)	1	0.500	1	-->	0
	366 (Mesostylid)	1	0.750	0	-->	1
node_184 --> Prostichomys bow	3 (*Loph(-id)s (	1	0.273	2	-->	1
	9 (*Degree of hy)	1	0.111	1	==>	0
	327 (Third crist)	1	0.250	0	==>	1
	333 (Mesolophid)	1	0.500	0	==>	1
	343 (Alignment o)	1	0.600	1	-->	0
	354 (*Length of)	1	0.360	1	==>	2
	378 (Direction o)	1	0.625	0	==>	1
	383 (Neomesoloph)	1	0.767	0	==>	1
	439 (Notch for t)	1	0.360	4	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
node_184 --> Stichomys regula	121 (*Size of M3)	1	0.130	0	-->	1
	373 (Lingual con)	1	0.905	0	==>	4
	440 (*Location o)	1	0.261	1	-->	0
node_188 --> Dudumus rui gomez	123 (M2 length/w)	1	0.154	1	==>	0
	192 (Position of)	1	0.154	0	==>	1
	308 (*Position o)	1	0.273	2	-->	1
	329 (Neomesoloph)	1	0.529	1	==>	0
	334 (Lingual con)	1	0.632	2	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
node_189 --> Pampamys emmonsa	3 (*Loph(-id)s (	1	0.273	1	==>	2
	73 (*DP4 length/)	1	0.333	1	-->	2
	96 (*Posterior i)	2	0.375	2	==>	0
	168 (*Position o)	1	0.375	2	==>	1
	349 (Anteroflexi)	1	0.500	0	==>	1
	372 (*Length of)	1	0.731	1	==>	2
	393 (Alignment o)	1	0.875	0	==>	1

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	434 (*Length of)	1	0.333	1	-->	0
node_190 --> Caviocricetus lu	179 (*Length of)	2	0.680	0	=>	2
	180 (Mesoloph on)	1	0.800	1	=>	0
	181 (Mesoloph on)	1	0.889	1	=>	0
	222 (Lingual con)	1	0.273	1	=>	0
	223 (Lingual con)	1	0.333	1	=>	0
	224 (Size of the)	1	0.200	0	=>	1
	308 (*Position o)	1	0.273	2	-->	1
	310 (Metalophuli)	1	0.600	1	=>	0
	328 (*Orientati o)	1	0.467	2	-->	1
	338 (Alignment o)	1	0.308	0	=>	1
node_191 --> Plesiacarechimy	73 (*DP4 length/)	1	0.333	1	=>	0
	109 (Pronounced)	1	0.333	0	-->	1
	120 (*Size of M1)	1	0.125	1	=>	0
	192 (Position of)	1	0.154	0	=>	1
	334 (Lingual con)	1	0.632	2	=>	
	(01)					
node_193 --> Sallamys pascual	410 (Strong redu)	1	0.125	1	=>	0
	9 (*Degree of hy)	2	0.111	0	=>	2
	34 (Length of th)	1	1.000	0	=>	1
	35 (Orientation)	1	0.450	1	=>	0
	39 (Mure on P4)	1	0.500	1	=>	0
	59 (Anterior arm)	1	0.778	1	=>	0
	94 (Surface of t)	1	0.333	1	=>	0
	96 (*Posterior i)	1	0.375	1	=>	0
	103 (Mesolophule)	1	0.429	1	=>	0
	171 (Posterior i)	1	0.640	1	=>	0
	252 (*Length of)	1	0.167	1	=>	2
	256 (*Devel opmen)	1	0.308	1	=>	2
	282 (Notch betwe)	1	0.500	0	=>	1
	309 (Metaconid-p)	1	0.500	0	=>	1
	339 (Mesoconid-l)	1	0.625	0	-->	1
	372 (*Length of)	1	0.731	1	=>	2
	375 (*Length of)	1	0.353	1	=>	2
	434 (*Length of)	1	0.333	1	-->	0
	437 (*Locati on o)	1	0.143	1	=>	0
node_196 --> Mayomys confluen	82 (Posterior ar)	1	0.333	0	-->	1
	84 (Orientation)	1	0.471	1	=>	2
	100 (Mesoloph on)	1	0.429	1	=>	0
	111 (Metacone on)	1	0.167	0	=>	1
	182 (*Length of)	1	0.625	1	=>	0
	208 (Posterior i)	1	0.100	1	=>	0
	258 (*Position o)	1	0.375	1	=>	2
	266 (*Anterior i)	1	0.846	1	=>	2
node_197 --> Eosallamys paula	62 (Pronounced A)	1	0.444	1	=>	0
	97 (Anterior arm)	1	0.375	1	=>	0
	98 (Posterior ar)	1	0.400	1	=>	0
	120 (*Size of M1)	1	0.125	1	-->	0
	308 (*Position o)	1	0.273	1	=>	0
	393 (Alignment o)	1	0.875	0	=>	1
node_201 --> node_200	53 (Length of th)	1	0.750	0	-->	1
	84 (Orientation)	1	0.471	1	=>	2
	96 (*Posterior i)	1	0.375	0	-->	1
	120 (*Size of M1)	1	0.125	1	-->	0
	258 (*Position o)	1	0.375	1	-->	2
	277 (Mesolophid)	1	0.929	0	-->	1
	320 (Neocristid)	1	0.750	0	=>	1
	372 (*Length of)	1	0.731	1	=>	0
	376 (Lingual con)	1	0.636	2	-->	3
	388 (Lingual con)	1	0.857	0	-->	3
	437 (*Locati on o)	1	0.143	1	-->	0
node_200 --> Shapajamys laboc	28 (Posterior ar)	1	0.500	1	=>	0
	31 (Length of th)	1	0.333	0	=>	1
	68 (Metaloph on)	1	0.462	1	=>	0
	79 (Neocrestule)	1	0.750	0	=>	1
	205 (Thicknes s o)	1	0.600	1	=>	0
	223 (Lingual con)	1	0.333	1	=>	0
	305 (Anteroconid)	1	0.286	0	-->	1

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308 (*Position o) 1 0.273 1 ==> 0
321 (Labial conn) 1 1.000 0 ==> 1
325 (Protoconid) 1 0.400 1 ==> 0
328 (*Orientati o) 1 0.467 0 ==> 1
node_200 --> node_199 35 (Orientati on ) 1 0.450 1 --> 0
36 (Lingual prot) 1 0.250 0 --> 1
39 (Mure on P4) 1 0.500 1 --> 0
46 (*Anterior is) 1 0.714 0 --> 1
64 (Metacone on ) 1 0.222 0 --> 1
85 (Lingual prot) 1 0.500 0 --> 1
101 (Length of t) 1 1.000 0 --> 1
147 (Lingual pro) 1 0.643 0 ==> 1
151 (Lingual pro) 1 0.400 0 ==> 1
174 (Posterior a) 1 0.391 1 --> 0
202 (Devel opment) 1 0.400 0 ==> 1
311 (Lingual con) 1 0.333 1 --> 0
312 (Labial conn) 1 0.500 1 --> 0
340 (*Positi on o) 1 0.412 2 --> 1
395 (Positi on of) 1 0.421 1 ==> 0
node_199 --> Eobrani samys rom 178 (Mesolophul e) 1 0.583 1 ==> 0
185 (Lingual con) 1 0.688 1 ==> 0
node_199 --> Eobrani samys jav 384 (Length of t) 1 0.700 0 ==> 1
401 (Obliqui ty o) 1 0.632 0 ==> 1
node_204 --> node_203 36 (Lingual prot) 1 0.250 0 --> 1
69 (Lingual conn) 1 0.615 0 --> 4
192 (Positi on of) 1 0.154 0 --> 1
199 (Metacone on) 1 0.444 0 --> 1
205 (Thi ckness o) 1 0.600 1 ==> 0
211 (Metaloph on) 1 0.647 0 --> 1
289 (Alignm ent o) 1 0.800 0 ==> 1
291 (Height of t) 1 0.250 1 ==> 0
347 (*Height of ) 1 0.500 2 --> 1
363 (Labial conn) 1 0.667 0 --> 1
372 (*Length of ) 1 0.731 1 --> 2
374 (Posterior a) 1 0.375 0 --> 1
404 (*Height of ) 1 0.308 2 --> 1
440 (*Locati on o) 1 0.261 0 --> 1
node_203 --> Pozomys ucayal ie 146 (Ori entati on) 1 0.814 1 ==> 2
147 (Lingual pro) 1 0.643 0 ==> 1
197 (Pronounced ) 1 0.435 0 ==> 1
229 (*Reducti on ) 1 0.167 0 ==> 1
269 (Posterior a) 1 0.545 0 ==> 1
392 (Mesi obial) 1 0.931 1 ==> 0
node_203 --> node_202 5 (*Ori entati on ) 1 0.571 0 --> 1
9 (*Degree of hy) 1 0.111 0 ==> 1
123 (M2 length/w) 1 0.154 0 ==> 1
151 (Lingual pro) 1 0.400 0 --> 1
200 (Metacone on) 1 0.500 0 --> 1
212 (Metaloph on) 1 0.615 0 --> 1
256 (*Devel opmen) 1 0.308 1 --> 2
267 (Buccal meta) 1 0.667 0 --> 1
409 (Anteroflexi) 1 0.286 0 --> 1
node_202 --> Tarapotomys mayo 44 (*Devel opment) 1 0.636 1 ==> 0
87 (*Ori entati on) 1 0.500 2 ==> 1
393 (Alignm ent o) 1 0.875 0 ==> 1
node_202 --> Tarapotomys suba 60 (Length of th) 1 0.500 1 ==> 0
84 (Ori entati on ) 1 0.471 1 ==> 2
115 (Metaloph on) 1 0.667 1 ==> 0
143 (Thi ckness o) 1 0.643 0 ==> 1
174 (Posterior a) 1 0.391 1 --> 0
192 (Positi on of) 1 0.154 1 --> 0
node_206 --> Cachi yacuy kumme 35 (Ori entati on ) 1 0.450 0 ==> 1
201 (*Devel opmen) 1 0.400 1 ==> 2
215 (Lingual con) 1 0.870 3 ==> 0
224 (Si ze of the) 1 0.200 0 --> 1
270 (Lingual con) 1 0.773 3 ==> 1
node_209 --> node_208 93 (Mesostyle on) 1 0.833 1 --> 0
164 (Mesostyle o) 1 0.625 1 --> 0

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	165 (Mesostyle o)	1	0.750	1	-->	0
	171 (Posterior i)	1	0.640	0	-->	1
	197 (Pronounced)	1	0.435	0	-->	1
	203 (*Positi on o)	1	0.385	1	==>	2
	217 (Lingual con)	1	0.696	2	==>	4
	303 (Tri goni d wi)	1	0.125	0	==>	1
	308 (*Positi on o)	1	0.273	1	-->	2
	317 (Metaconi d c)	1	0.571	1	-->	0
	323 (Lingual con)	1	0.800	3	-->	0
	327 (Thi rd crist)	1	0.250	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	333 (Mesol ophi d)	1	0.500	1	-->	0
	360 (Length of t)	1	0.650	0	==>	1
	371 (Posterior a)	1	0.706	0	-->	1
	374 (Posterior a)	1	0.375	0	-->	1
	375 (*Length of)	2	0.353	0	-->	2
	376 (Lingual con)	1	0.636	2	-->	0
	439 (Notch for t)	1	0.360	1	==>	4
	443 (*Devel opmen)	1	0.333	2	-->	1
	454 (Anterior pr)	1	0.111	0	==>	1
	462 (*Posterior)	1	0.154	1	-->	2
	473 (Conformati o)	2	0.500	0	-->	2
	478 (Depth of th)	1	0.250	0	-->	1
	479 (Length of t)	1	0.333	0	-->	1
	483 (Positi on of)	1	0.600	0	-->	1
	506 (Mastoid pro)	1	0.250	1	-->	0
	510 (Thi ckness o)	1	0.250	0	==>	1
node_208 --> Thryonomys swi nd	73 (*DP4 length/)	1	0.333	1	==>	0
	99 (Thi rd crest)	1	0.500	1	==>	0
	103 (Mesol ophul e)	1	0.429	1	==>	0
	120 (*Size of M1)	1	0.125	1	-->	0
	175 (Thi rd crest)	1	0.333	1	==>	0
	176 (Thi rd crest)	1	0.667	1	==>	0
	177 (Mesol ophul e)	1	0.583	1	==>	0
	178 (Mesol ophul e)	1	0.583	1	==>	0
	196 (Pronounced)	1	0.742	0	==>	1
	202 (Devel opment)	1	0.400	0	==>	1
	207 (Posterol oph)	1	0.750	0	==>	1
	209 (Posterol oph)	1	0.333	0	==>	1
	434 (*Length of)	1	0.333	1	-->	0
	440 (*Locati on o)	1	0.261	0	-->	1
	441 (*Devel opmen)	1	0.238	0	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
	490 (Devel opment)	1	0.250	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	2
	492 (Anterior ma)	1	0.400	1	==>	0
	499 (Devel opment)	1	0.111	0	==>	1
	500 (Devel opment)	1	0.143	0	==>	1
node_208 --> Paraphi omys pi go	20 (*Inci sors pr)	1	0.125	1	==>	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	218 (Double ling)	1	1.000	0	==>	2
	302 (Proporti ons)	1	0.500	1	==>	0
	313 (Mesostyli d)	1	0.571	1	==>	0
	443 (*Devel opmen)	1	0.333	1	==>	0
	464 (Interorbi ta)	1	0.333	0	==>	1
	465 (Posterior s)	1	0.667	1	==>	0
	471 (Postorbi tal)	1	0.077	1	==>	0
node_210 --> Metaphi omys scha	185 (Lingual con)	1	0.688	1	==>	0
	205 (Thi ckness o)	1	0.600	1	==>	0
	208 (Posterior i)	1	0.100	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
node_211 --> Acri tophi omys bo	53 (Length of th)	1	0.750	0	==>	1
	61 (Orientati on)	1	0.500	0	==>	2
	168 (*Positi on o)	1	0.375	0	==>	1
	284 (*Posterior)	1	0.474	1	==>	0
	330 (Length of t)	1	0.500	0	==>	1
	467 (Maxi llary o)	1	0.400	0	==>	1
	472 (Devel opment)	1	0.333	0	-->	1

```

Hsearch_Consensus.out
node_214 --> Baluchimys barry 81 (Length of th) 1 1.000 0 --> 1
142 (Posterior a) 1 0.731 0 ==> 1
157 (Mure on M3) 1 0.500 1 --> 0
164 (Mesostyle o) 1 0.625 1 ==> 0
165 (Mesostyle o) 1 0.750 1 ==> 0
190 (Development) 1 0.333 1 --> 0
191 (Position of) 1 0.286 0 ==> 1
340 (*Position o) 1 0.412 1 ==> 2
368 (Posterior i) 1 0.600 0 ==> 1
376 (Lingual con) 1 0.636 2 --> 0

```

Tree description:

Unrooted tree(s) rooted using outgroup method

Optimality criterion = parsimony

Character-status summary:

Of 513 total characters:

86 characters are of type 'ord' (Wagner)

427 characters are of type 'unord'

427 characters have weight 1

79 characters have weight 0.50

6 characters have weight 0.33

1 character has weight 0.25

2 characters are constant

52 variable characters are parsimony-uninformative

Number of parsimony-informative characters = 459

Gaps are treated as "missing"

Multi-state taxa interpreted as polymorphism ("min" values for CI, RI, and RC are minimum-possible character lengths)

Character-state optimization: Accelerated transformation (ACCTRAN)

Tree number 1 (rooted using user-specified outgroup)

Tree length = 3306.65

Consistency index (CI) = 0.5726

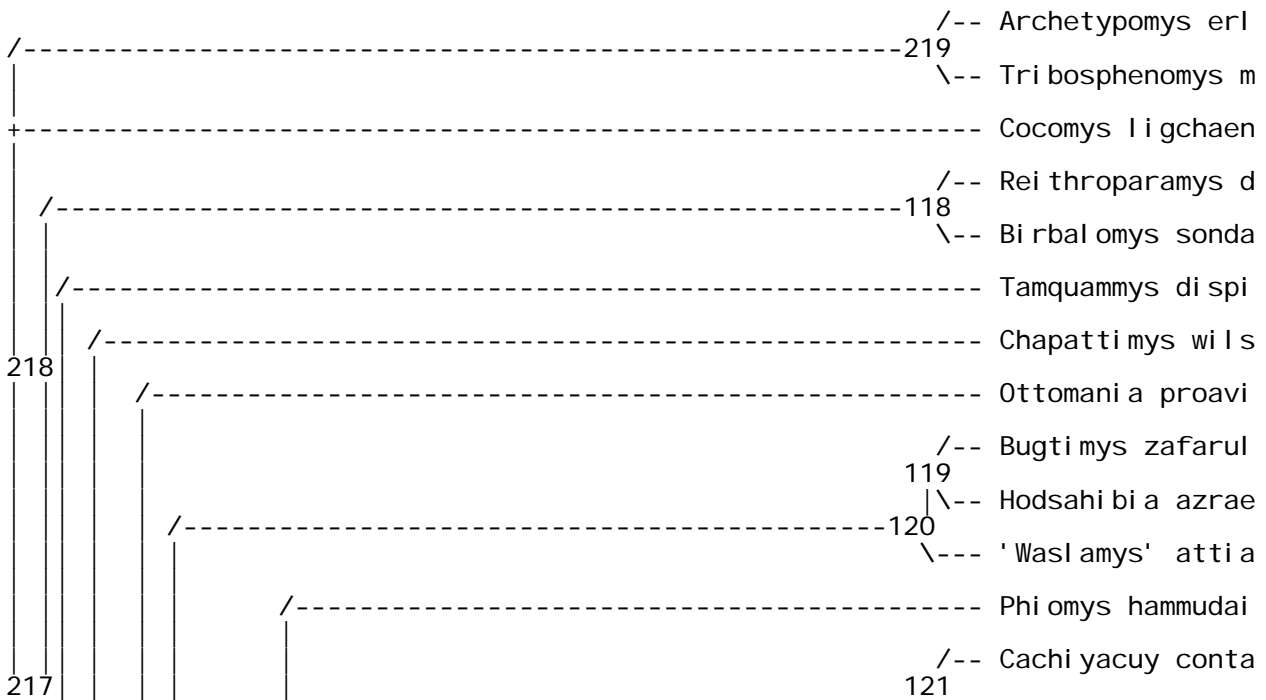
Homoplasy index (HI) = 0.8252

CI excluding uninformative characters = 0.5523

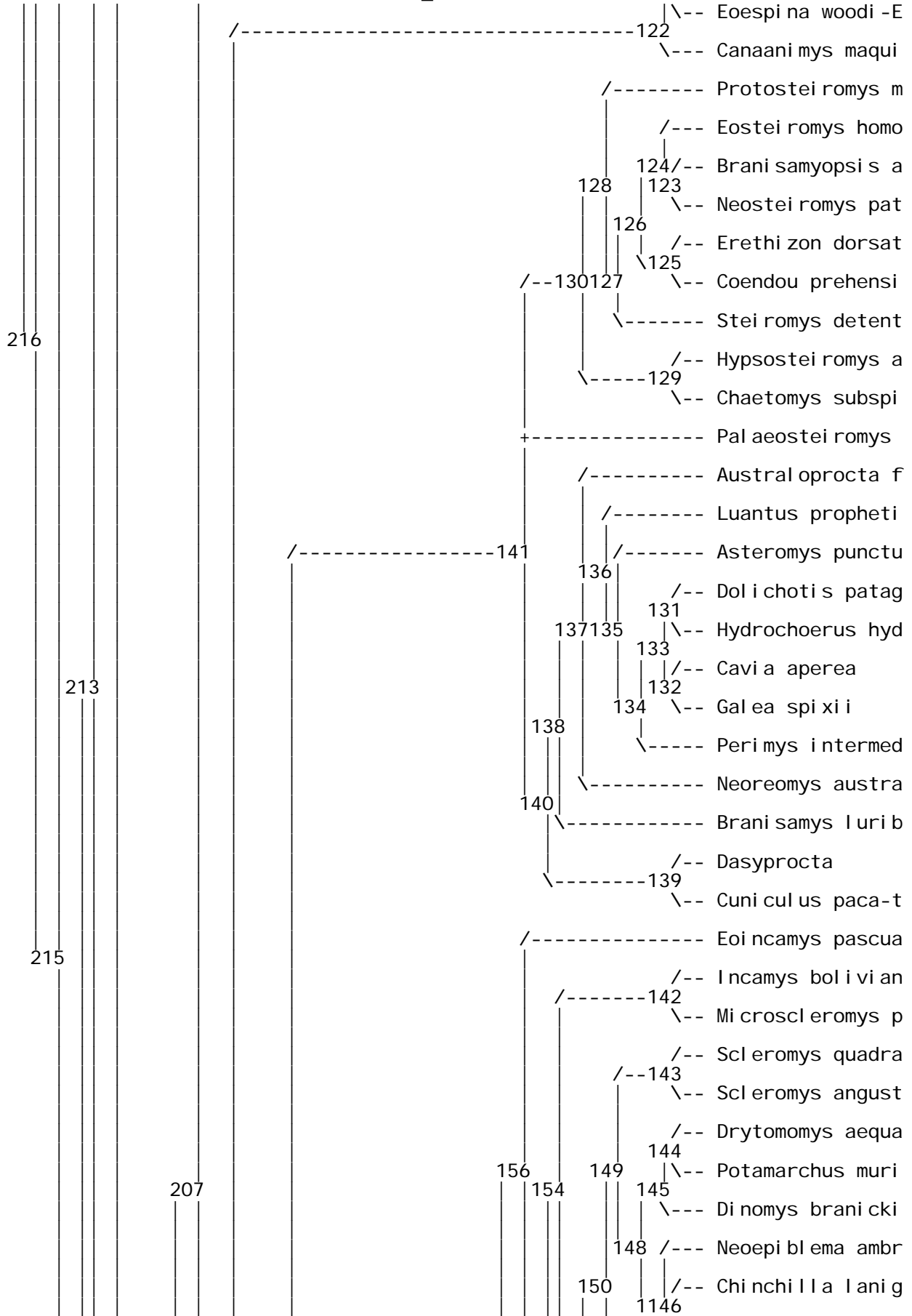
HI excluding uninformative characters = 0.4477

Retention index (RI) = 0.5976

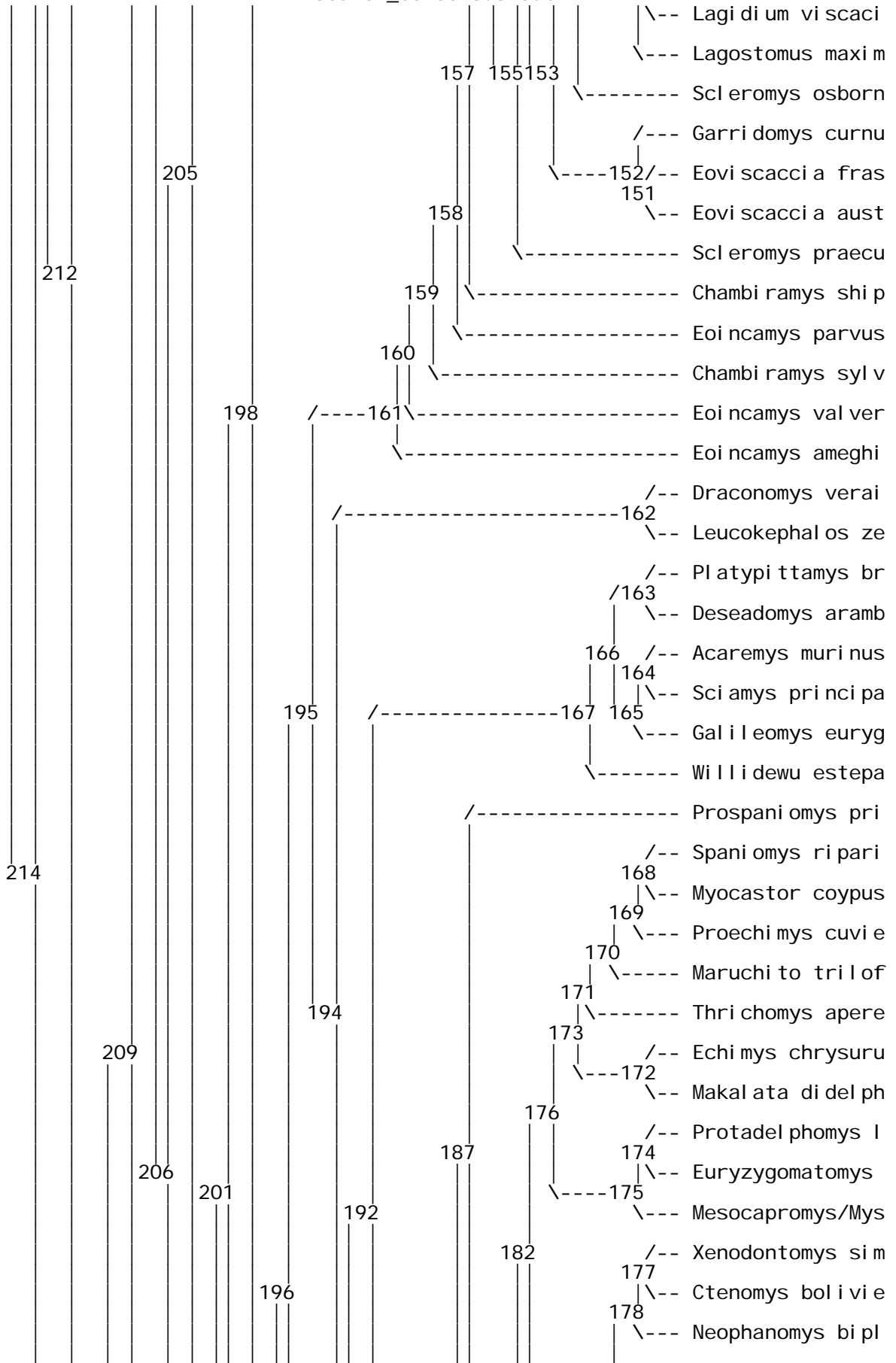
Rescaled consistency index (RC) = 0.3422

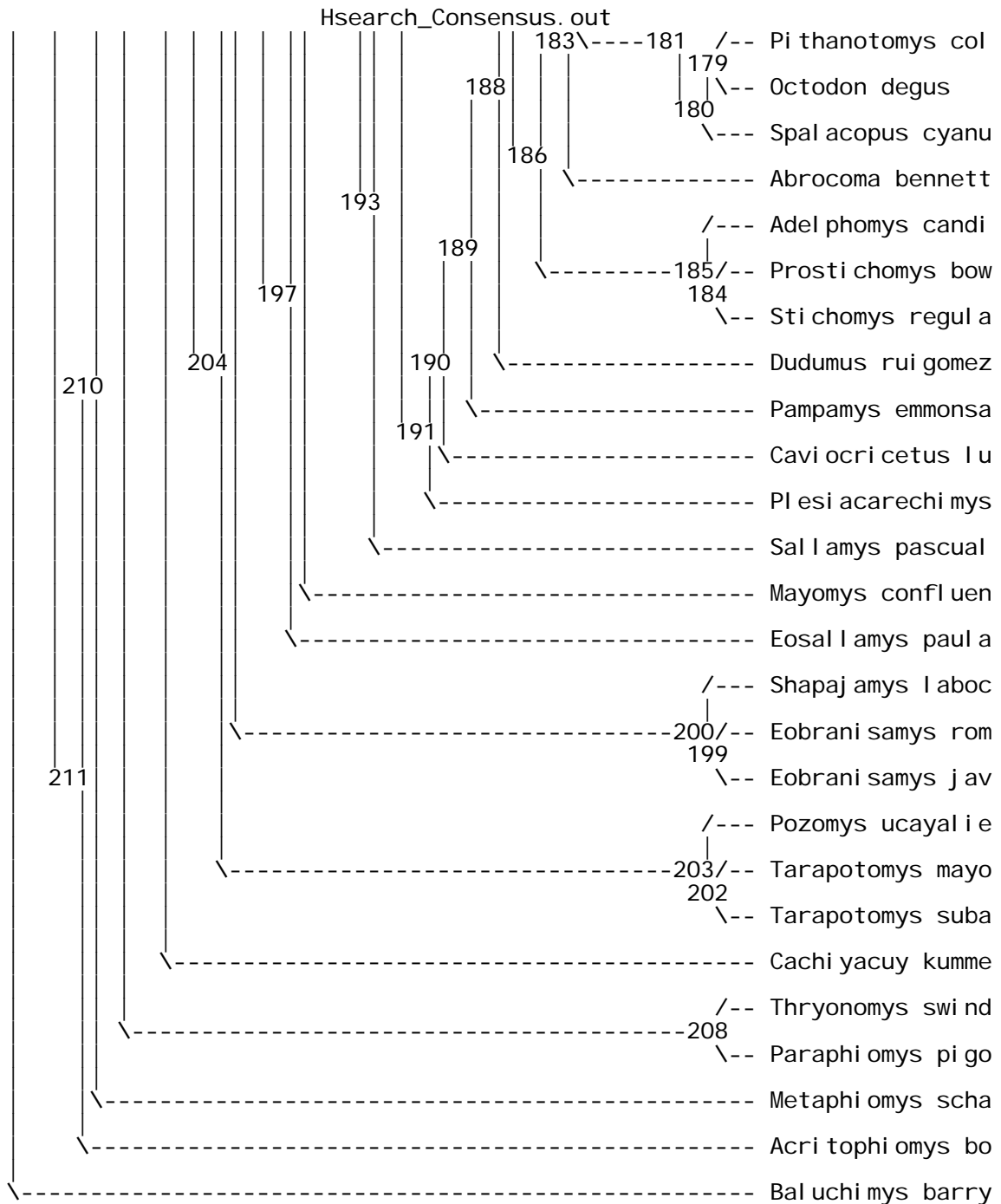


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Character change lists:

Character	CI	Steps	Changes
1 (*Cusp(-id)s and)	0.667	1	node_218 0 --> 1 node_217
		1	node_118 1 --> 0 Bi rbal omys sonda
		1	node_215 1 ==> 2 node_214
2 Pal aeostei romys		2	--> (012) (wi thi n terminal)
2 Dol ichoti s patag		2	--> (012) (wi thi n terminal)
2 Galea spi xi i		2	--> (012) (wi thi n terminal)
2 Lagostomus maxi m		2	--> (012) (wi thi n terminal)
2 Eovi scacci a fras		2	--> (012) (wi thi n terminal)

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```

2 Xenodontomys sim 2 --> terminal
2 Xenodontomys sim 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
terminal)
2 (Cusp(-id)s) 1.000 1 node_215 0 ==> 1 node_214
1 Dolichotis patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavia aperea 1 --> (01) (wi thi n terminal)
1 Galea spixii 1 --> (01) (wi thi n terminal)
1 Lagostomus maxim 1 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 1 --> (01) (wi thi n terminal)
1 Xenodontomys sim 1 --> (01) (wi thi n terminal)
1 Ctenomys bol i vi e 1 --> (01) (wi thi n terminal)
1 Pi thanotomys col 1 --> (01) (wi thi n terminal)
1 Octodon degus 1 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 1 --> (01) (wi thi n terminal)
3 (*Loph(-id)s (at) 0.273 1 node_218 0 ==> 1 node_217
1 node_129 1 ==> 2 Chaetomys subspi
1 node_140 1 ==> 2 node_138
2 Dolichotis patag 2 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
terminal)
2 Cavia aperea 2 --> (012) (wi thi n
terminal)
2 Galea spixii 2 --> (012) (wi thi n
terminal)
1 node_156 1 ==> 2 node_155
2 Microscleromys p 2 --> (012) (wi thi n
terminal)
2 Lagostomus maxim 2 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 2 --> (012) (wi thi n
terminal)
1 Chambi ramys shi p 1 --> (12) (wi thi n terminal)
1 node_164 1 ==> 2 Sci amys pri nci pa
1 node_187 1 --> 2 node_186
1 node_169 2 ==> 1 Proechi mys cuvi e
2 Xenodontomys sim 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
terminal)
1 node_183 2 --> 1 Abrocoma bennett
1 node_184 2 --> 1 Prosti chomys bow
1 node_189 1 ==> 2 Pampamys emmonsa
4 (*Orientation of) 0.500 1 Brani samyopsi s a 0 --> (01) (wi thi n terminal)
1 node_129 0 ==> 1 Hypsostei romys a
1 Australoprocta f 0 --> (01) (wi thi n terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Dolichotis patag 0 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
terminal)
2 Cavia aperea 0 --> (012) (wi thi n
terminal)

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2      Galea spixii 0 --> terminal
                        (012) (within
                        terminal)
1      node_195 0 --> 1 node_161
1      node_159 1 ==> 2 node_158
1      node_154 2 ==> 1 node_142
1      node_142 1 ==> 0 Incamys bolivian
1      node_147 2 ==> 1 node_146
2 Lagostomus maxim 2 --> (012) (within
                        terminal)
2 Eoviscaccia fras 2 --> (012) (within
                        terminal)
1 Eoincamys valver 1 --> (12) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
2 Leucokephalos ze 0 --> (012) (within
                        terminal)
1      node_169 0 ==> 1 node_168
1 Maruchitotrilof 0 --> (01) (within terminal)
2      node_174 0 ==> 2 Protadelphomys l
1 Mesocapromys/Mys 0 --> (01) (within terminal)
2 Xenodontomys sim 0 --> (012) (within
                        terminal)
2 Ctenomys bolivie 0 --> (012) (within
                        terminal)
2 Neophanomys bipl 0 --> (012) (within
                        terminal)
2 Pi thanotomys col 0 --> (012) (within
                        terminal)
2      Octodon degus 0 --> (012) (within
                        terminal)
2 Spalacopus cyanu 0 --> (012) (within
                        terminal)
2      node_186 0 --> 2 node_185
2 Adelphomys candi 2 --> (012) (within
                        terminal)
1 Prosti chomys bow 2 --> (12) (within terminal)
1      node_130 0 ==> 1 node_129
1      node_129 1 ==> 2 Hypsostei romys a
1 Australoprocta f 0 --> (01) (within terminal)
2 Dolichotis patag 0 --> (012) (within
                        terminal)
2 Hydrochoerus hyd 0 --> (012) (within
                        terminal)
2      Cavia aperea 0 --> (012) (within
                        terminal)
2      Galea spixii 0 --> (012) (within
                        terminal)
2 Perimys intermed 0 --> (012) (within
                        terminal)
1      node_195 0 --> 1 node_161
1      node_161 1 --> 2 node_160
1 Eoincamys pascua 2 --> (12) (within terminal)
1      node_154 2 ==> 1 node_142
1 Incamys bolivian 1 --> (01) (within terminal)
2 Potamarchus muri 2 --> (012) (within
                        terminal)
1      node_145 2 ==> 1 Dinomys brani cki
1 Dinomys brani cki 1 --> (01) (within terminal)
2 Lagostomus maxim 2 --> (012) (within
                        terminal)
2 Garri domys curnu 2 --> (012) (within
                        terminal)
2 Eoviscaccia fras 2 --> (012) (within
                        terminal)
2 Scleromys praecu 2 --> (012) (within
                        terminal)
1 Chambi ramys sylv 2 --> (12) (within terminal)
2 Eoincamys valver 2 --> (012) (within

```

5 (*Orientation of) 0.571

Hsearch_Consensus. out

					terminal)	
	1	Eoincamys ameghi	1	-->	(01) (with in terminal)	
	2	node_187	0	==>	2 node_186	
	1	Myocastor coypus	2	-->	(12) (with in terminal)	
	2	Proechimys cuvie	2	-->	(012) (with in terminal)	
	1	Maruchito trifol	2	-->	(12) (with in terminal)	
	2	node_171	2	==>	0 Thrichomys apere	
	1	node_175	2	==>	1 node_174	
	1	Protadelphomys l	1	-->	(01) (with in terminal)	
	1	Euryzygomatomys	1	-->	(01) (with in terminal)	
	2	node_182	2	-->	0 node_181	
	2	Xenodontomys sim	0	-->	(012) (with in terminal)	
	2	Ctenomys bolivi	0	-->	(012) (with in terminal)	
	2	Pi thanotomys col	0	-->	(012) (with in terminal)	
	2	Octodon degus	0	-->	(012) (with in terminal)	
	2	Spalacopus cyanu	0	-->	(012) (with in terminal)	
	1	Prostichomys bow	2	-->	(12) (with in terminal)	
	1	node_203	0	-->	1 node_202	
	1	Tarapotomys mayo	1	-->	(12) (with in terminal)	
	2	Tarapotomys suba	1	-->	(012) (with in terminal)	
6 (Furrow opposite)	0.500	1	node_136	0	==>	1 Luantus propheti
		1	node_134	0	==>	1 node_133
		1	Hydrochoerus hyd	1	-->	(01) (with in terminal)
		1	Cavia aperea	1	-->	(01) (with in terminal)
7 (Transverse dent)	0.500	1	node_131	0	==>	1 Dolichotis patag
		1	node_132	0	==>	1 Cavia aperea
8 (*Cement (in you))	0.074	2	node_129	0	==>	2 Chaetomys subspi
		2	node_135	0	==>	2 node_134
		1	node_131	2	-->	1 Dolichotis patag
		2	node_132	2	==>	0 Galea spixii
		2	node_139	0	==>	2 Cuniculus paca-t
		2	node_142	0	==>	2 Incamys bolivi an
		2	node_145	0	==>	2 node_144
		2	node_147	0	==>	2 Neoepiblemma ambr
		2	node_152	0	==>	2 node_151
		2	node_168	0	==>	2 Myocastor coypus
		2	node_172	0	==>	2 Echimys chrysuru
		2	node_175	0	==>	2 Mesocapromys/Mys
		2	node_179	0	==>	2 Pi thanotomys col
		2	node_183	0	==>	2 Abrocoma bennett
		2	node_129	0	==>	2 Chaetomys subspi
		2	node_141	0	==>	2 node_140
		1	node_137	2	==>	1 Australoprocta f
		1	node_135	2	==>	1 Asteromys punctu
		1	node_135	2	==>	3 node_134
		1	node_161	0	==>	1 node_160
		1	node_156	1	==>	0 Eoincamys pascua
		1	node_156	1	==>	2 node_155
		3	Microscleromys p	2	-->	(0123) (with in terminal)
		1	node_149	2	-->	3 node_148
		1	node_145	3	-->	2 node_144
		3	Eoviscaccia fras	2	-->	(0123) (with in terminal)
		1	node_166	0	-->	1 node_165
		1	node_164	1	-->	0 Acaremys murinus
		1	node_187	0	==>	1 node_186
		1	node_186	1	==>	2 node_183
		1	node_168	2	==>	1 Spaniomyss ripari
		1	node_172	2	==>	1 Echimys chrysuru
		1	node_174	2	==>	1 Protadelphomys l

Hsearch_Consensus.out

1 node_175 2 ==> 3 Mesocapromys/Mys
 1 node_177 2 ==> 3 Ctenomys bolivi
 1 node_181 2 ==> 3 node_180
 1 node_183 2 ==> 3 Abrocoma bennett
 1 node_184 1 ==> 0 Prosthichomys bow
 3 Pampamys emmonsa 0 --> (0123) (withi n
 terminal)
 2 node_193 0 ==> 2 Sal lamys pascual
 1 node_203 0 ==> 1 node_202
 10 (Substitution o) 0.250
 1 node_211 0 --> 1 node_210
 1 node_209 1 --> 0 node_207
 1 Canaanimys maqui 0 --> (01) (withi n terminal)
 1 Protosteioromys m 0 --> (01) (withi n terminal)
 1 Palaeosteioromys 0 --> (01) (withi n terminal)
 1 Scleromys praecu 0 --> (01) (withi n terminal)
 1 Chambi ramys ship 0 --> (01) (withi n terminal)
 1 node_192 0 ==> 1 node_191
 1 Maruchito trilof 1 --> (01) (withi n terminal)
 1 node_174 1 ==> 0 Protadelphomys l
 1 Mesocapromys/Mys 1 --> (01) (withi n terminal)
 1 Abrocoma bennett 1 --> (01) (withi n terminal)
 1 Eobranisamys rom 0 --> (01) (withi n terminal)
 1 Baluchimys barry 0 --> (01) (withi n terminal)
 11 (Upper tooth ro) 0.125
 1 Archetypomys erl 0 --> (01) (withi n terminal)
 1 Tribosphenomys m 0 --> (01) (withi n terminal)
 1 Cocomys ligchaen 0 --> (01) (withi n terminal)
 1 Birbalomys sonda 0 --> (01) (withi n terminal)
 1 Tamquammys dispi 0 --> (01) (withi n terminal)
 1 Chapattimys wils 0 --> (01) (withi n terminal)
 1 Ottomaniaproavi 0 --> (01) (withi n terminal)
 1 Bugtimys zafarul 0 --> (01) (withi n terminal)
 1 Hodsaibia azrae 0 --> (01) (withi n terminal)
 1 'Waslamys' attia 0 --> (01) (withi n terminal)
 1 Phiomys hammudai 0 --> (01) (withi n terminal)
 1 Cachi yacuy conta 0 --> (01) (withi n terminal)
 1 Eoespina woodi -E 0 --> (01) (withi n terminal)
 1 Canaanimys maqui 0 --> (01) (withi n terminal)
 1 Protosteioromys m 0 --> (01) (withi n terminal)
 1 Branisamyopsis a 0 --> (01) (withi n terminal)
 1 node_125 0 ==> 1 Erethizon dorsat
 1 node_129 0 ==> 1 Hypsosteioromys a
 1 Palaeosteioromys 0 --> (01) (withi n terminal)
 1 node_138 0 ==> 1 node_137
 1 Australoprocta f 1 --> (01) (withi n terminal)
 1 Luantus propheti 1 --> (01) (withi n terminal)
 1 Asteromys punctu 1 --> (01) (withi n terminal)
 1 Eoincamys pascua 0 --> (01) (withi n terminal)
 1 Microscleromys p 0 --> (01) (withi n terminal)
 1 node_154 0 --> 1 node_153
 1 Scleromys quadra 1 --> (01) (withi n terminal)
 1 Scleromys angust 1 --> (01) (withi n terminal)
 1 Potamarchus muri 1 --> (01) (withi n terminal)
 1 Scleromys osborn 1 --> (01) (withi n terminal)
 1 Garri domys curnu 1 --> (01) (withi n terminal)
 1 Eoviscaccia fras 1 --> (01) (withi n terminal)
 1 Eoviscaccia aust 1 --> (01) (withi n terminal)
 1 Scleromys praecu 0 --> (01) (withi n terminal)
 1 Chambi ramys ship 0 --> (01) (withi n terminal)
 1 Eoincamys parvus 0 --> (01) (withi n terminal)
 1 Chambi ramys sylv 0 --> (01) (withi n terminal)
 1 Eoincamys valver 0 --> (01) (withi n terminal)
 1 Eoincamys ameghi 0 --> (01) (withi n terminal)
 1 Draconomys verai 0 --> (01) (withi n terminal)
 1 Leucokephalos ze 0 --> (01) (withi n terminal)
 1 Platytipitmys br 0 --> (01) (withi n terminal)
 1 Deseadomys aramb 0 --> (01) (withi n terminal)
 1 Sci amys principi 0 --> (01) (withi n terminal)
 1 Galileomys euryg 0 --> (01) (withi n terminal)

Hsearch_Consensus.out

```

1 node_183 0 --> 1 node_182
1 node_176 1 --> 0 node_173
1 node_168 0 ==> 1 Myocastor coypus
1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
1 node_174 1 --> 0 Protadel phomys I
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_137 0 --> 1 node_136
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cunicul us paca-t 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_161
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 node_145 1 --> 0 Di nomys branic ki
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)

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12 (Degree of the) 0.250

Hsearch_Consensus.out

1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 node_176 0 --> 1 node_173
 1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 13 (Distribution o) 0.667
 1 node_155 0 ==> 1 node_154
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 14 (Importance of) 0.333
 1 node_144 1 ==> 0 Drytomomys aequa
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_149 0 ==> 1 node_148
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 node_147 1 ==> 0 Neoeptiloma ambr
1 node_152 0 ==> 1 node_151
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

15 (Number of root) 1.000

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1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachiyacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomyys pigo 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomyys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomyys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespinawoodi-E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteiromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviaperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixi 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito triflof 0 --> (01) (w i t h i n t e r m i n a l )
1 node_173 0 ==> 1 node_172
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaechimys 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )

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16 (Type of HSB of) 0.500

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Hsearch_Consensus.out
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 node_215 1 --> 0 Chapattimys wils
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pasqua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acairemys muri nus 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n termi nal)
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17 (*1PM arrangeme) 0.538

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Hsearch_Consensus.out
2 Tri bosphenomys m 0 --> (012) (wi thi n
terminal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
terminal)
2 Reithroparamys d 0 --> (012) (wi thi n
terminal)
2 Birbalomys sonda 0 --> (012) (wi thi n
terminal)
1 node_216 0 --> 1 Tamquammys di spi
2 Chapattimys wils 0 --> (012) (wi thi n
terminal)
2 Ottomani a proavi 0 --> (012) (wi thi n
terminal)
2 Bugtimys zafarul 0 --> (012) (wi thi n
terminal)
2 'Waslamys' attia 0 --> (012) (wi thi n
terminal)
2 node_212 0 --> 2 node_211
1 node_209 2 --> 1 node_207
2 Cachi yacuy conta 1 --> (012) (wi thi n
terminal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 1 --> (012) (wi thi n
terminal)
2 Protostei romys m 1 --> (012) (wi thi n
terminal)
2 Eostei romys homo 1 --> (012) (wi thi n
terminal)
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
2 Neostei romys pat 1 --> (012) (wi thi n
terminal)
2 Coendou prehensi 1 --> (012) (wi thi n
terminal)
1 Stei romys detent 1 --> (01) (wi thi n terminal)
2 Hypsostei romys a 1 --> (012) (wi thi n
terminal)
1 Chaetomys subspi 1 --> (01) (wi thi n terminal)
2 Palaeostei romys 1 --> (012) (wi thi n
terminal)
1 node_138 1 ==> 0 node_137
2 Australoprocta f 0 --> (012) (wi thi n
terminal)
2 Luantus propheti 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
1 node_131 0 ==> 1 Dolichotis patag
2 Cuniculus paca-t 1 --> (012) (wi thi n
terminal)
2 Eoincamys pascua 1 --> (012) (wi thi n
terminal)
2 Microscleromys p 1 --> (012) (wi thi n
terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
1 node_148 1 --> 0 node_147
2 Neoepiblema ambr 0 --> (012) (wi thi n
terminal)
2 Lagidium viscaci 0 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 1 --> (012) (wi thi n
terminal)

```

Hsearch_Consensus.out

2 Eoviscaccia aust 1 --> (012) (with terminal)
 2 Chambi ramys shi p 1 --> (012) (with terminal)
 2 Eoincamys parvus 1 --> (012) (with terminal)
 2 Chambi ramys syl v 1 --> (012) (with terminal)
 2 Eoincamys val ver 1 --> (012) (with terminal)
 2 Eoincamys ameghi 1 --> (012) (with terminal)
 1 node_195 1 --> 2 node_194
 2 Draconomys verai 2 --> (012) (with terminal)
 2 Leucokephalos ze 2 --> (012) (with terminal)
 2 Deseadomys aramb 2 --> (012) (with terminal)
 2 Acaemys murinus 2 --> (012) (with terminal)
 2 Galileomys euryg 2 --> (012) (with terminal)
 2 Willidewu estepa 2 --> (012) (with terminal)
 2 Prospani omys pri 2 --> (012) (with terminal)
 2 Maruchito trilof 2 --> (012) (with terminal)
 2 Protadelphomys l 2 --> (012) (with terminal)
 2 Euryzygomatomys 2 --> (012) (with terminal)
 2 Xenodontomys sim 2 --> (012) (with terminal)
 2 Neophanomys bipl 2 --> (012) (with terminal)
 2 Pi thanotomys col 2 --> (012) (with terminal)
 2 Prosti chomys bow 2 --> (012) (with terminal)
 2 Pampamys emmonsa 2 --> (012) (with terminal)
 2 Cavi ocricetus lu 2 --> (012) (with terminal)
 1 Ple siacarechi mys 2 --> (12) (with terminal)
 1 Sal lamys pascual 2 --> (12) (with terminal)
 2 Mayomys confl uen 1 --> (012) (with terminal)
 2 Eosal lamys paul a 1 --> (012) (with terminal)
 2 Shapaj amys laboc 1 --> (012) (with terminal)
 2 Eobrani samys rom 1 --> (012) (with terminal)
 2 Eobrani samys jav 1 --> (012) (with terminal)
 2 Pozomys ucayal ie 1 --> (012) (with terminal)
 2 Tarapotomys mayo 1 --> (012) (with terminal)
 2 Tarapotomys suba 1 --> (012) (with terminal)
 2 Cachi yacuy kumme 1 --> (012) (with terminal)
 1 Thryonomys swind 2 --> (12) (with terminal)
 2 Acri tophi omys bo 2 --> (012) (with terminal)

Hsearch_Consensus.out

```

1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 node_131 1 ==> 0 Hydrochoerus hyd
1 node_132 1 ==> 0 Cavi a aperea
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 node_148 1 --> 0 node_147
1 Neoepi bl ema ambr 0 --> (01) (wi thi n termi nal)
1 node_146 0 --> 1 Chi nchi lla lani g
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

```

1          node_183 1 ==> 0 Abrocoma bennett
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
19 (*Lower incisor) 0.231
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tribosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 0 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)
2 Ottomaniaproavi 0 --> (012) (wi thi n
termi nal)
2 Hodsahibi azrae 0 --> (012) (wi thi n
termi nal)
2 Phiomys hammudai 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
termi nal)
2 Canaanimys maqui 0 --> (012) (wi thi n
termi nal)
2 Protosteioromys m 0 --> (012) (wi thi n
termi nal)
2 Erethizon dorsat 0 --> (012) (wi thi n
termi nal)
2 Coendou prehensi 0 --> (012) (wi thi n
termi nal)
2 Hyposteioromys a 0 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Palaeosteioromys 0 --> (012) (wi thi n
termi nal)
2 Australoprocta f 0 --> (012) (wi thi n
termi nal)
1          node_137 0 --> 1 node_136
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1          node_131 1 ==> 2 Hydrochoerus hyd
1          node_132 1 ==> 0 Galea spixii
1 Perimys intermed 1 --> (12) (wi thi n termi nal)

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Hsearch_Consensus.out
2          node_139 0 ==> 2 Cuniculus paca-t
2 Eoincamys pascua 0 --> (012) (w i t h i n
    terminal)
2 Microscleromys p 0 --> (012) (w i t h i n
    terminal)
2 Scleromys quadra 0 --> (012) (w i t h i n
    terminal)
1          node_149 0 --> 1 node_148
2 Drytomomys aequa 1 --> (012) (w i t h i n
    terminal)
2 Potamarchus muri 1 --> (012) (w i t h i n
    terminal)
2 Dinomys branickei 1 --> (012) (w i t h i n
    terminal)
1          node_147 1 --> 0 Neoepelema ambr
2 Scleromys osborn 0 --> (012) (w i t h i n
    terminal)
2 Garridomys curru 0 --> (012) (w i t h i n
    terminal)
2 Eoiscaccia frasca 0 --> (012) (w i t h i n
    terminal)
2 Eoiscaccia austriaca 0 --> (012) (w i t h i n
    terminal)
2 Scleromys praecursor 0 --> (012) (w i t h i n
    terminal)
2 Chambiromys shippa 0 --> (012) (w i t h i n
    terminal)
2 Eoincamys parvus 0 --> (012) (w i t h i n
    terminal)
2 Chambiromys sylvaticus 0 --> (012) (w i t h i n
    terminal)
2 Eoincamys valverde 0 --> (012) (w i t h i n
    terminal)
2 Eoincamys ameghii 0 --> (012) (w i t h i n
    terminal)
2 Draconomys verai 0 --> (012) (w i t h i n
    terminal)
2 Platypittomys browni 0 --> (012) (w i t h i n
    terminal)
2 Deseadomys arambourgi 0 --> (012) (w i t h i n
    terminal)
1          node_168 0 ==> 1 Myocastor coypus
1          node_170 0 ==> 1 Maruchito trilof
1          node_173 0 ==> 1 node_172
2 Protadelphomys laticauda 0 --> (012) (w i t h i n
    terminal)
1          node_175 0 ==> 1 Mesocapromys/Mys
2 Pi thanotomys colsoni 0 --> (012) (w i t h i n
    terminal)
2 Abrocoma bennetti 0 --> (012) (w i t h i n
    terminal)
1          node_185 0 ==> 1 node_184
2 Plesiacarechymys 0 --> (012) (w i t h i n
    terminal)
2 Mayomys confluent 0 --> (012) (w i t h i n
    terminal)
2 Eosallamys paula 0 --> (012) (w i t h i n
    terminal)
2 Shapajamys laboc 0 --> (012) (w i t h i n
    terminal)
2 Eobraniamys javanica 0 --> (012) (w i t h i n
    terminal)
2 Pozomys ucayaliese 0 --> (012) (w i t h i n
    terminal)
2 Tarapotomys mayo 0 --> (012) (w i t h i n
    terminal)
2 Tarapotomys suba 0 --> (012) (w i t h i n
    terminal)

```

20 (*Incisors proc) 0.125

```
Hsearch_Consensus.out
2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal)
2 Metaphi omys scha 0 --> (012) (wi thi n
termi nal)
2 Acri tophi omys bo 0 --> (012) (wi thi n
termi nal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 1 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Bugti mys zafarul 1 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 1 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 node_124 1 --> 2 node_123
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
1 node_125 1 ==> 2 Erethi zon dorsat
1 node_130 1 --> 0 node_129
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_131 1 ==> 0 Hydrochoerus hyd
2 Gal ea spi xi i 1 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 1 --> (012) (wi thi n
termi nal)
1 node_139 1 ==> 0 Dasyprocta
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
```

Hsearch_Consensus.out

2 Incamys bolivi an 1 --> (012) (wi thi n
termi nal)

2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)

2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)

2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)

2 Drytomomys aequa 1 --> (012) (wi thi n
termi nal)

2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)

2 Neopepi blema ambr 1 --> (012) (wi thi n
termi nal)

1 node_147 1 ==> 2 Lagostomus maxi m

2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)

2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)

2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)

2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)

2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)

2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)

2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)

1 node_195 1 --> 0 node_194

2 Draconomys verai 0 --> (012) (wi thi n
termi nal)

2 Leucokephal os ze 0 --> (012) (wi thi n
termi nal)

2 Deseadomys aramb 0 --> (012) (wi thi n
termi nal)

2 Acaemys muri nus 0 --> (012) (wi thi n
termi nal)

2 Gal ileomys euryg 0 --> (012) (wi thi n
termi nal)

1 node_187 0 --> 1 Prospani omys pri

2 node_169 0 --> 2 node_168

2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal)

2 Maruchi to tri l of 0 --> (012) (wi thi n
termi nal)

1 node_172 0 --> 1 Echi mys chrysuru

2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)

1 node_175 0 --> 1 Mesocapromys/Mys

1 node_182 0 --> 1 node_181

2 Xenodontomys si m 1 --> (012) (wi thi n
termi nal)

2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)

2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)

1 node_180 1 ==> 2 Spal acopus cyanu

2 Adel phomys candi 0 --> (012) (wi thi n
termi nal)

2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

```
2 Stichomys regula 0 --> (012) (withn terminal)
2 Dudumys rui gomez 0 --> (012) (withn terminal)
2 Pampamys emmonsa 0 --> (012) (withn terminal)
2 Caviocricetus lu 0 --> (012) (withn terminal)
2 Pleisiacarechymys 0 --> (012) (withn terminal)
2 Sallamys pascual 0 --> (012) (withn terminal)
2 Mayomys confluen 1 --> (012) (withn terminal)
2 Eosallamys paula 1 --> (012) (withn terminal)
2 Shapajamys laboc 1 --> (012) (withn terminal)
2 Eobranisamys jav 1 --> (012) (withn terminal)
2 Pozomys ucayalie 1 --> (012) (withn terminal)
2 Tarapotomys mayo 1 --> (012) (withn terminal)
2 Tarapotomys suba 1 --> (012) (withn terminal)
2 Cachi yacuy kumme 1 --> (012) (withn terminal)
1 node_208 1 ==> 0 Paraphiomya pi go
2 Metaphiomya scha 1 --> (012) (withn terminal)
2 Acritophiomya bo 1 --> (012) (withn terminal)
2 Baluchimys barry 1 --> (012) (withn terminal)
21 (Third upper de) 0.333
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Hodsahibia azrae 0 --> (01) (withn terminal)
1 Phiomya hammudai 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 node_127 0 --> 1 node_126
1 Eosteioromys homo 1 --> (01) (withn terminal)
1 Branisamyopsis a 1 --> (01) (withn terminal)
1 Neosteioromys pat 1 --> (01) (withn terminal)
1 Erethizon dorsat 1 --> (01) (withn terminal)
1 Hyposteioromys a 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1 Cavia aperea 0 --> (01) (withn terminal)
1 Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 node_140 0 --> 1 node_139
1 Cuniculus paca-t 1 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
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Hsearch_Consensus.out

```

1 Neoeptiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garridomys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 node_193 0 --> 1 node_192
1 Platypittomys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
1 node_219 1 --> 2 Tribosphenomys m
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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1          node_212 1 --> 2 node_120
2 Bugti mys zafarul 2 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 2 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1          node_127 1 --> 0 node_126
1          node_124 0 --> 1 node_123
2 Brani samyopsi s a 1 --> (012) (wi thi n
termi nal)
1          node_129 1 ==> 0 Hypsostei romys a
1          node_129 1 ==> 2 Chaetomys subspi
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 ---> (012) (wi thi n
termi nal)
1          node_134 1 ==> 0 Perimys intermed
1          node_138 1 ==> 2 Brani samys luri b
1          node_139 1 ==> 0 Dasyprocta
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
1          node_144 1 ==> 0 Potamarchus muri
1          node_147 1 ==> 0 node_146
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)
1          node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 2 --> (012) (wi thi n
termi nal)
1          node_166 2 ==> 1 node_163
2 Prospani omys pri 2 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 2 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvi e 2 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 2 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Thrichomys apere 2 --> terminal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 2 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 2 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 2 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 2 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
terminal)
2 Cavi ocricetus lu 2 --> (012) (wi thi n
terminal)
2 Plesi acarechi mys 2 --> (012) (wi thi n
terminal)
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
2 Shapaj amys laboc 1 --> (012) (wi thi n
terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
terminal)
2 Eobrani samys jav 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n
terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
terminal)
1 node_213 1 ==> 0 Ottomani a proavi
1 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)
1 Canaani mys maqui 1 --> (01) (wi thi n terminal)

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23 (Anteroci ngul um) 1.000

Hsearch_Consensus.out

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1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomy s pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomy s ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechiomy s cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trifol 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echiomy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomy s pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomy s scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchi mys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 node_219 1 ==> 0 Archetypomys erl
1 node_217 1 ==> 0 node_216
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomy s pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomy s ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechiomy s cuvie 0 --> (01) (w i t h i n t e r m i n a l )

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24 (Length of the) 0.500

Hsearch_Consensus.out

1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_207 0 ==> 1 node_206
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)

25 (Height of the) 1.000

Hsearch_Consensus.out

1 Plesiacarechymys 1 --> (01) (withinterminal)
 1 Mayomys confluen 1 --> (01) (withinterminal)
 1 Eobranisamys rom 1 --> (01) (withinterminal)
 1 Pozomys ucayalie 1 --> (01) (withinterminal)
 1 Thryonomys swind 0 --> (01) (withinterminal)
 1 Paraphiomys pi go 0 --> (01) (withinterminal)
 1 Metaphiomys scha 0 --> (01) (withinterminal)
 1 Baluchimys barry 0 --> (01) (withinterminal)
 26 (Anterocingulum) 0.667
 1 node_219 0 ==> 1 Tribosphenomys m
 1 node_216 0 ==> 1 node_215
 1 Ottomaniaproavi 1 --> (01) (withinterminal)
 1 Bugtimys zafarul 1 --> (01) (withinterminal)
 1 Hodsahibia azrae 1 --> (01) (withinterminal)
 1 Canaanimys maqui 1 --> (01) (withinterminal)
 1 Protosteioromys m 1 --> (01) (withinterminal)
 1 Palaeosteioromys 1 --> (01) (withinterminal)
 1 Asteromys punctu 1 --> (01) (withinterminal)
 1 Dolichotis patag 1 --> (01) (withinterminal)
 1 Hydrochoerus hyd 1 --> (01) (withinterminal)
 1 Cavia aperea 1 --> (01) (withinterminal)
 1 Galea spixii 1 --> (01) (withinterminal)
 1 Lagostomus maxim 1 --> (01) (withinterminal)
 1 Eoviscaccia fras 1 --> (01) (withinterminal)
 1 Scleromys praecu 1 --> (01) (withinterminal)
 1 Chambi ramys sylv 1 --> (01) (withinterminal)
 1 Draconomys verai 1 --> (01) (withinterminal)
 1 Leucokephalos ze 1 --> (01) (withinterminal)
 1 Prospaniomys pri 1 --> (01) (withinterminal)
 1 Spaniomys ripari 1 --> (01) (withinterminal)
 1 Myocastor coypus 1 --> (01) (withinterminal)
 1 Proechimys cuvie 1 --> (01) (withinterminal)
 1 Maruchitotrilof 1 --> (01) (withinterminal)
 1 Thrichomys apere 1 --> (01) (withinterminal)
 1 Echimys chrysuru 1 --> (01) (withinterminal)
 1 Makalata didelph 1 --> (01) (withinterminal)
 1 Euryzygomatomys 1 --> (01) (withinterminal)
 1 Mesocapromys/Mys 1 --> (01) (withinterminal)
 1 Xenodontomys sim 1 --> (01) (withinterminal)
 1 Ctenomys bolivie 1 --> (01) (withinterminal)
 1 Neophanomys bipl 1 --> (01) (withinterminal)
 1 Pi thanotomys col 1 --> (01) (withinterminal)
 1 Octodon degus 1 --> (01) (withinterminal)
 1 Spalacopus cyanu 1 --> (01) (withinterminal)
 1 Abrocoma bennett 1 --> (01) (withinterminal)
 1 Adelphomys candi 1 --> (01) (withinterminal)
 1 Prostichomys bow 1 --> (01) (withinterminal)
 1 Stichomys regula 1 --> (01) (withinterminal)
 1 Dudumus rui gomez 1 --> (01) (withinterminal)
 1 Pampamys emmonsa 1 --> (01) (withinterminal)
 1 Caviocricetus lu 1 --> (01) (withinterminal)
 1 Plesiacarechymys 1 --> (01) (withinterminal)
 1 Mayomys confluen 1 --> (01) (withinterminal)
 1 Eobranisamys rom 1 --> (01) (withinterminal)
 1 Pozomys ucayalie 1 --> (01) (withinterminal)
 1 Thryonomys swind 1 --> (01) (withinterminal)
 1 Paraphiomys pi go 1 --> (01) (withinterminal)
 1 Metaphiomys scha 1 --> (01) (withinterminal)
 1 Baluchimys barry 1 --> (01) (withinterminal)
 27 (Anterocingulum) 0.444
 1 node_218 0 --> 1 node_219
 1 node_219 1 --> 0 Archetypomys erl
 1 node_218 0 --> 1 Cocomys ligchaen
 1 Ottomaniaproavi 0 --> (01) (withinterminal)
 1 node_120 0 --> 1 node_119
 1 Hodsahibia azrae 1 --> (01) (withinterminal)
 1 Canaanimys maqui 0 --> (01) (withinterminal)
 1 Protosteioromys m 0 --> (01) (withinterminal)
 1 Eosteioromys homo 0 --> (01) (withinterminal)

Hsearch_Consensus.out

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1      node_123 0 ==> 1 Neosteironomys pat
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Palaeosteironomys 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Peromyscus intermed 0 --> (01) (within terminal)
1 Neoreomys australis 0 --> (01) (within terminal)
1      Dasyprocta 0 --> (01) (within terminal)
1      node_195 0 ==> 1 node_161
1      node_156 1 --> 0 node_155
1 Microtomys p 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Garriomys curru 0 --> (01) (within terminal)
1 Eoescaccia frasa 0 --> (01) (within terminal)
1 Eoescaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiromys ship 1 --> (01) (within terminal)
1 Chambiromys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Sciomyces principa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilofo 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimyus chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pi thanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prosthichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimy 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphomys pigo 0 --> (01) (within terminal)
1 Metaphomys schae 0 --> (01) (within terminal)
1 Acritophomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1      node_219 1 ==> 0 Archetypomys erl
1 Reithroparamys d 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteironomys m 1 --> (01) (within terminal)
1 Eosteironomys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)

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Hsearch_Consensus.out

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1 Erethizon dorsat 1 --> (01) (withn terminal)
1 Coendou prehensi 1 --> (01) (withn terminal)
1 Hypsosteirromys a 1 --> (01) (withn terminal)
1 Chaetomys subsp 1 --> (01) (withn terminal)
1 Palaeosteirromys 1 --> (01) (withn terminal)
1 Australoprocta f 1 --> (01) (withn terminal)
1 Asteromys punctu 1 --> (01) (withn terminal)
1 Dolichotis patag 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1 Cavia aperea 1 --> (01) (withn terminal)
1 Galea spixii 1 --> (01) (withn terminal)
1 Peromyscus intermed 1 --> (01) (withn terminal)
1 Neoreomys austral 1 --> (01) (withn terminal)
1 node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Drytomomys aequa 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Dinomys branicki 1 --> (01) (withn terminal)
1 Neopithecium ambr 1 --> (01) (withn terminal)
1 Chinchilla lanig 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Garri domys curnu 1 --> (01) (withn terminal)
1 Eoiviscaccia fras 1 --> (01) (withn terminal)
1 Eoiviscaccia aust 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys ship 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypitomyia br 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sciomyz principa 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomys pri 0 --> (01) (withn terminal)
1 Spaniomys ripari 0 --> (01) (withn terminal)
1 Myocastor coypus 0 --> (01) (withn terminal)
1 Proechimys cuvie 0 --> (01) (withn terminal)
1 Maruchito trifid 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echimys chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Neophantomys bipl 0 --> (01) (withn terminal)
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prothomomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacarechymys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 node_200 1 ==> 0 Shapaj amys laboc
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
 29 (Protoconul e on) 0.667
 1 node_219 0 ==> 1 Tri bosphenomys m
 1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 node_217 0 ==> 1 node_216
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambiramys ship 1 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
 30 (Outgrowth of t) 0.333
 1 node_218 0 --> 1 node_217
 1 node_216 1 --> 0 Tamquammys di spi
 1 node_213 1 --> 0 Ottomani a proavi
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pigo 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1   node_118 0 ==> 1 Birbalomys sonda
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1   node_198 0 ==> 1 node_141
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1   node_123 1 ==> 0 Neosteioromys pat
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1   node_138 1 ==> 0 node_137
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_158 0 --> 1 node_157
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)

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31 (Length of the) 0.333

Hsearch_Consensus.out

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1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 node_166 0 ==> 1 node_165
1 Prospaniomy s pri 0 --> (01) (wi thi n termi nal)
1 Spaniomy s ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechiomy s cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echiomy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechimy s 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 node_200 0 ==> 1 Shapajamys laboc
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomy s pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomy s scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteirromys m 1 --> (01) (wi thi n termi nal)
1 Eosteirromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Steirromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteirromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteirromys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)

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32 (Height of the) 1.000

Hsearch_Consensus.out

1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoeptiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garridomys curru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranis amys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 --> 0 Tri bosphenomys m
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Hodsahi bia azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_136 1 --> 0 node_135
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)

34 (Length of the) 1.000

Hsearch_Consensus.out

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 node_193 0 ==> 1 Sal lamys pascual
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 35 (Orientation of) 0.450
 1 node_204 0 --> 1 node_201
 1 node_124 1 ==> 2 Eoste i romys homo
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 node_137 1 --> 0 node_136
 1 node_139 1 ==> 0 Dasyprocta
 1 Eoi ncamys pascua 1 --> (12) (wi thi n termi nal)
 1 node_154 1 --> 0 node_142
 1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
 1 node_147 1 ==> 2 Neoepi bl ema ambr
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 node_152 1 --> 2 node_151
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 node_163 1 ==> 0 Platypi ttamys br
 1 node_164 1 ==> 0 Acaremys muri nus
 1 node_193 1 ==> 0 Sal lamys pascual
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 node_200 1 --> 0 node_199
 36 (Lingual protol) 0.250
 1 node_206 0 ==> 1 Cachi yacuy kumme
 1 node_219 0 ==> 1 Tri bosphenomys m
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
 1 node_124 0 ==> 1 node_123
 1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
 1 node_141 0 --> 1 node_140
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 node_139 1 --> 0 Dasyprocta
 1 node_161 0 ==> 1 node_160
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 node_193 0 --> 1 node_192
 1 node_167 1 --> 0 node_166

Hsearch_Consensus.out

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1 Prospaniomyx pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyx ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechiomyx cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilofo 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echiomyx chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelphinae 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys boliviense 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomyx bipartitus 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanus 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma benettii 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bowleyi 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regularis 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumys rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsae 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus luisi 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechimyx 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluent 0 --> (01) (w i t h i n t e r m i n a l )
1 node_200 0 --> 1 node_199
1 Eobranchiomyx romeri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_204 0 --> 1 node_203
1 Pozomys ucayaliese 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swindeni 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphimys pigra 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphimys schaefferi 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimyx barryi 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispiratus 0 --> (01) (w i t h i n t e r m i n a l )
1 node_215 0 --> 1 node_214
1 Ottomaniaproavis 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimyx maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Braniamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subsp 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctatus 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patagonica 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hydrochaeris 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixia 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermedius 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l )
1 Braniamyx luisi 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivianus 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopibellia ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanigera 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )

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37 (Height of the) 1.000

Hsearch_Consensus.out

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1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
1 node_218 0 --> 1 node_217
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
1 node_215 1 --> 0 Chapatti mys wi l s
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
1 node_206 1 ==> 2 node_205
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
2 Protostei romys m 2 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n

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38 (*Orientati on o) 0.600

Hsearch_Consensus.out

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2 Asteromys punctu 2 --> terminal)
2 Dolichotis patag 2 --> (012) (with in
terminal)
2 Hydrochoerus hyd 2 --> (012) (with in
terminal)
2 Cavia aperea 2 --> (012) (with in
terminal)
2 Galea spixii 2 --> (012) (with in
terminal)
2 Perimys intermed 2 --> (012) (with in
terminal)
2 Neoreomys austra 2 --> (012) (with in
terminal)
2 Braniamys luri b 2 --> (012) (with in
terminal)
2 Cuniculus paca-t 2 --> (012) (with in
terminal)
2 Eoincamys pascua 2 --> (012) (with in
terminal)
2 Incamys bolivian 2 --> (012) (with in
terminal)
2 Microscleromys p 2 --> (012) (with in
terminal)
2 Scleromys quadra 2 --> (012) (with in
terminal)
2 Scleromys angust 2 --> (012) (with in
terminal)
2 Drytomomys aequa 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Dinomys branicki 2 --> (012) (with in
terminal)
2 Neopeblema ambr 2 --> (012) (with in
terminal)
2 Chinchilla lanig 2 --> (012) (with in
terminal)
2 Lagidium viscaci 2 --> (012) (with in
terminal)
2 Lagostomus maxim 2 --> (012) (with in
terminal)
2 Scleromys osborn 2 --> (012) (with in
terminal)
2 Garri domys curnu 2 --> (012) (with in
terminal)
2 Eoviscaccia fras 2 --> (012) (with in
terminal)
2 Eoviscaccia aust 2 --> (012) (with in
terminal)
2 Scleromys praecu 2 --> (012) (with in
terminal)
2 Chambi ramys shi p 2 --> (012) (with in
terminal)
2 Eoincamys parvus 2 --> (012) (with in
terminal)
2 Chambi ramys syl v 2 --> (012) (with in
terminal)
2 Eoincamys val ver 2 --> (012) (with in
terminal)
2 Eoincamys ameghi 2 --> (012) (with in
terminal)
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
1 node_166 2 ==> 1 node_163
```

Hsearch_Consensus.out

2 Willidewu estepa 2 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 2 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 2 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvie 2 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 2 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 2 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 2 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 2 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
2 Octodon degus 2 --> (012) (wi thi n
termi nal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 2 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 2 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 2 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus l u 2 --> (012) (wi thi n
termi nal)
2 Pl esi acarechi mys 2 --> (012) (wi thi n
termi nal)
2 Mayomys confl uen 2 --> (012) (wi thi n
termi nal)
1 Eosal lamys paul a 2 --> (12) (wi thi n termi nal)
2 Eobrani samys rom 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys j av 2 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
termi nal)
2 Paraphi omys pi go 1 --> (012) (wi thi n

Hsearch_Consensus. out

				terminal)
	2	Metaphi omys scha	1 -->	(012) (wi thi n terminal)
	2	Bal uchi mys barry	1 -->	(012) (wi thi n terminal)
39 (Mure on P4)	0.500	1	Bugti mys zafarul	0 --> (01) (wi thi n terminal)
		1	Hodsahi bi a azrae	0 --> (01) (wi thi n terminal)
			node_207	0 ==> 1 node_206
		1	Cachi yacuy conta	1 --> (01) (wi thi n terminal)
		1	Canaani mys maqui	1 --> (01) (wi thi n terminal)
		1	Protoste i romys m	1 --> (01) (wi thi n terminal)
		1	Coendou prehensi	1 --> (01) (wi thi n terminal)
			node_129	1 ==> 0 Chaetomys subspi
		1	Pal aeoste i romys	1 --> (01) (wi thi n terminal)
			node_136	1 --> 0 node_135
		1	Asteromys punctu	0 --> (01) (wi thi n terminal)
		1	Dol ichoti s patag	0 --> (01) (wi thi n terminal)
		1	Hydrochoerus hyd	0 --> (01) (wi thi n terminal)
			Cavi a aperea	0 --> (01) (wi thi n terminal)
			Galea spi xi i	0 --> (01) (wi thi n terminal)
			node_139	1 ==> 0 Cuni cul us paca-t
		1	Incamys bol i vi an	1 --> (01) (wi thi n terminal)
		1	Lagostomus maxi m	1 --> (01) (wi thi n terminal)
		1	Eovi scacci a fras	1 --> (01) (wi thi n terminal)
		1	Scleromys praecu	1 --> (01) (wi thi n terminal)
		1	Chambi ramys shi p	1 --> (01) (wi thi n terminal)
		1	Chambi ramys sylv	1 --> (01) (wi thi n terminal)
		1	Eoi ncamys ameghi	1 --> (01) (wi thi n terminal)
		1	Draconomys verai	1 --> (01) (wi thi n terminal)
		1	Leucokephal os ze	1 --> (01) (wi thi n terminal)
			node_166	1 ==> 0 node_163
		1	Prospani omys pri	1 --> (01) (wi thi n terminal)
		1	Spani omys ri pari	1 --> (01) (wi thi n terminal)
		1	Myocastor coypus	1 --> (01) (wi thi n terminal)
		1	Proechi mys cuvie	1 --> (01) (wi thi n terminal)
		1	Maruchi to tril of	1 --> (01) (wi thi n terminal)
		1	Thri chomys apere	1 --> (01) (wi thi n terminal)
		1	Echi mys chrysuru	1 --> (01) (wi thi n terminal)
		1	Makal ata di del ph	1 --> (01) (wi thi n terminal)
		1	Euryzygomatomys	1 --> (01) (wi thi n terminal)
		1	Mesocapromys/Mys	1 --> (01) (wi thi n terminal)
		1	Xenodontomys sim	1 --> (01) (wi thi n terminal)
		1	Ctenomys bol i vie	1 --> (01) (wi thi n terminal)
		1	Neophanomys bi pl	1 --> (01) (wi thi n terminal)
		1	Pi thanotomys col	1 --> (01) (wi thi n terminal)
		1	Octodon degus	1 --> (01) (wi thi n terminal)
		1	Spal acopus cyanu	1 --> (01) (wi thi n terminal)
		1	Abrocoma bennett	1 --> (01) (wi thi n terminal)
		1	Adel phomys candi	1 --> (01) (wi thi n terminal)
		1	Prosti chomys bow	1 --> (01) (wi thi n terminal)
		1	Sti chomys regula	1 --> (01) (wi thi n terminal)
		1	Dudumus rui gomez	1 --> (01) (wi thi n terminal)
		1	Pampamys emmonsa	1 --> (01) (wi thi n terminal)
		1	Cavi ocri cetus lu	1 --> (01) (wi thi n terminal)
		1	Pl esi acarechi mys	1 --> (01) (wi thi n terminal)
			node_193	1 ==> 0 Sal l amys pascual
		1	Mayomys conf l uen	1 --> (01) (wi thi n terminal)
			node_200	1 --> 0 node_199
		1	Eobrani samys rom	0 --> (01) (wi thi n terminal)
		1	Pozomys ucayal ie	1 --> (01) (wi thi n terminal)
		1	Thryonomys swi nd	0 --> (01) (wi thi n terminal)
		1	Paraphi omys pi go	0 --> (01) (wi thi n terminal)
		1	Metaphi omys scha	0 --> (01) (wi thi n terminal)
		1	Acri tophi omys bo	0 --> (01) (wi thi n terminal)
		1	Bal uchi mys barry	0 --> (01) (wi thi n terminal)
40 (Height of the)	1.000	1	Archetypomys erl	0 --> (01) (wi thi n terminal)
		1	Tri bosphenomys m	0 --> (01) (wi thi n terminal)
		1	Cocomys li gchaen	0 --> (01) (wi thi n terminal)

Hsearch_Consensus.out

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1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 node_211 0 --> 1 node_210
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia apera 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 node_219 0 ==> 1 Tribosphenomys m
1 node_216 0 ==> 1 Tamquammys di spi
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 node_212 0 ==> 1 node_211

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Hsearch_Consensus.out

1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n termi nal)
 1 node_218 1 ==> 0 Cocomys li gchaen
 1 node_217 1 ==> 2 node_118
 2 Tamquammys di spi 1 --> (012) (wi thi n termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n termi nal)
 2 Hodsahi bi a azrae 1 --> (012) (wi thi n termi nal)
 1 node_120 1 ==> 0 'Wasl amys' attia
 2 Phi omys hammudai 1 --> (012) (wi thi n termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n termi nal)

42 (*Devel opment o) 0.667

Hsearch_Consensus.out

2 Eosteioromys homo 1 --> (012) (with terminal)
2 Braniamyopsis a 1 --> (012) (with terminal)
2 Neosteioromys pat 1 --> (012) (with terminal)
2 Erethizon dorsat 1 --> (012) (with terminal)
2 Coendou prehensi 1 --> (012) (with terminal)
2 Steioromys detent 1 --> (012) (with terminal)
2 Hypsosteioromys a 1 --> (012) (with terminal)
2 Chaetomys subspi 1 --> (012) (with terminal)
2 Palaeosteioromys 1 --> (012) (with terminal)
2 Australoprocta f 1 --> (012) (with terminal)
2 Luantus propheti 1 --> (012) (with terminal)
2 Asteromys punctu 1 --> (012) (with terminal)
2 Dolichotis patag 1 --> (012) (with terminal)
2 Hydrochoerus hyd 1 --> (012) (with terminal)
2 Cavia aperea 1 --> (012) (with terminal)
2 Galea spixii 1 --> (012) (with terminal)
2 Perimys intermed 1 --> (012) (with terminal)
2 Neoreomys austra 1 --> (012) (with terminal)
2 Braniamys luri b 1 --> (012) (with terminal)
2 Dasypsecta 1 --> (012) (with terminal)
2 Cuniculus paca-t 1 --> (012) (with terminal)
2 Eoincamys pascua 1 --> (012) (with terminal)
2 Incamys bolivian 1 --> (012) (with terminal)
2 Microscleromys p 1 --> (012) (with terminal)
2 Scleromys quadra 1 --> (012) (with terminal)
2 Scleromys angust 1 --> (012) (with terminal)
2 Drytomomys aequa 1 --> (012) (with terminal)
2 Potamarchus muri 1 --> (012) (with terminal)
2 Dinomys branicki 1 --> (012) (with terminal)
2 Neopibrama ambr 1 --> (012) (with terminal)
2 Chinchilla lanig 1 --> (012) (with terminal)
2 Lagidium viscaci 1 --> (012) (with terminal)
2 Lagostomus maxim 1 --> (012) (with terminal)
2 Scleromys osborn 1 --> (012) (with terminal)

Hsearch_Consensus.out

2 Garridomys curnu 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoviscaccia fras 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoviscaccia aust 1 --> (012) (w i t h i n
t e r m i n a l)
2 Scleromys praecu 1 --> (012) (w i t h i n
t e r m i n a l)
2 Chambiramys shi p 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys parvus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Chambiramys syl v 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys val ver 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys ameghi 1 --> (012) (w i t h i n
t e r m i n a l)
2 Draconomys verai 1 --> (012) (w i t h i n
t e r m i n a l)
2 Leucokephalos ze 1 --> (012) (w i t h i n
t e r m i n a l)
2 Platypittamys br 1 --> (012) (w i t h i n
t e r m i n a l)
2 Deseadomys aramb 1 --> (012) (w i t h i n
t e r m i n a l)
2 Acaremys muri nus 1 ---> (012) (w i t h i n
t e r m i n a l)
2 Sci amys pri nci pa 1 --> (012) (w i t h i n
t e r m i n a l)
2 Gal ileomys euryg 1 --> (012) (w i t h i n
t e r m i n a l)
2 Will idewu estepa 1 --> (012) (w i t h i n
t e r m i n a l)
2 Prospani omys pri 1 --> (012) (w i t h i n
t e r m i n a l)
2 Spani omys ri pari 1 --> (012) (w i t h i n
t e r m i n a l)
2 Myocastor coypus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Proechi mys cuvi e 1 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchi to tri lof 1 --> (012) (w i t h i n
t e r m i n a l)
2 Thrichomys apere 1 --> (012) (w i t h i n
t e r m i n a l)
2 Echi mys chrysuru 1 --> (012) (w i t h i n
t e r m i n a l)
2 Makal ata di del ph 1 --> (012) (w i t h i n
t e r m i n a l)
2 Protadel phomys l 1 --> (012) (w i t h i n
t e r m i n a l)
2 Euryzygomatomys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Mesocapromys/Mys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Xenodontomys si m 1 --> (012) (w i t h i n
t e r m i n a l)
2 Ctenomys bol i vi e 1 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 1 --> (012) (w i t h i n
t e r m i n a l)
2 Octodon degus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Spal acopus cyanu 1 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

```
2 Abrocoma bennett 1 --> (012) (wi thi n
  terminal)
2 Adelphomys candi 1 --> (012) (wi thi n
  terminal)
2 Prosti chomys bow 1 --> (012) (wi thi n
  terminal)
2 Sti chomys regul a 1 --> (012) (wi thi n
  terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
  terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
  terminal)
2 Cavi ocricetus lu 1 --> (012) (wi thi n
  terminal)
2 Ple siacarechi mys 1 --> (012) (wi thi n
  terminal)
2 Sal lamys pascual 1 --> (012) (wi thi n
  terminal)
2 Mayomys confl uen 1 --> (012) (wi thi n
  terminal)
2 Eosal lamys paul a 1 --> (012) (wi thi n
  terminal)
2 Shapaj amys laboc 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys jav 1 --> (012) (wi thi n
  terminal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
  terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
  terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
  terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
  terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n
  terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
  terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
  terminal)
43 (Mesostyle on P) 0.500 1 node_217 0 ==> 1 node_118
1 node_212 0 --> 1 node_120
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_207 0 --> 1 node_206
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protoste iromys m 1 --> (01) (wi thi n termi nal)
1 Pal aeoste iromys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
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Hsearch_Consensus.out

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1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1      node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1      node_166 0 ==> 1 node_165
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys li gchaen 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
1      node_212 1 --> 0 node_120
2 Bugti mys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 1 --> (012) (wi thi n
termi nal)

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44 (*Devel opment o) 0.636

Hsearch_Consensus.out

```

1          node_123 1 ==> 2 Neosteioromys pat
1          node_130 1 --> 2 node_129
2 Hypsosteioromys a 2 --> (012) (within
terminal)
2 Palaeosteioromys 1 --> (012) (within
terminal)
1 Australoprocta f 1 --> (01) (within terminal)
2 Luantus propheti 1 --> (012) (within
terminal)
2 Asteromys punctu 1 --> (012) (within
terminal)
2 Dolichotis patag 1 --> (012) (within
terminal)
2 Hydrochoerus hyd 1 --> (012) (within
terminal)
2      Cavia aperea 1 --> (012) (within
terminal)
2      Galea spixii 1 --> (012) (within
terminal)
2 Perimys intermed 1 --> (012) (within
terminal)
2 Neoreomys austra 1 --> (012) (within
terminal)
1          node_140 1 --> 2 node_139
2      Dasyprocta 2 --> (012) (within
terminal)
2 Microsscleromys p 1 --> (012) (within
terminal)
2 Scleromys angust 1 --> (012) (within
terminal)
2 Drytomomys aequa 1 --> (012) (within
terminal)
2 Potamarchus muri 1 --> (012) (within
terminal)
2 Dinomys branicki 1 --> (012) (within
terminal)
2 Neoeplema ambr 1 --> (012) (within
terminal)
2 Chinchilla lanig 1 --> (012) (within
terminal)
2 Lagidium viscaci 1 --> (012) (within
terminal)
2 Lagostomus maxim 1 --> (012) (within
terminal)
2 Garriomys curnu 1 --> (012) (within
terminal)
2 Eoviscaccia fras 1 --> (012) (within
terminal)
2 Scleromys praecu 1 --> (012) (within
terminal)
2 Chambiromys ship 1 --> (012) (within
terminal)
2 Chambiromys sylv 1 --> (012) (within
terminal)
2 Eoincamys valver 1 --> (012) (within
terminal)
1          node_161 1 ==> 2 Eoincamys ameghi
2 Draconomys verai 1 --> (012) (within
terminal)
2 Leucokephalos ze 1 --> (012) (within
terminal)
2 Platypittamys br 1 --> (012) (within
terminal)
2 Deseadomys aramb 1 --> (012) (within
terminal)
2 Willidewu estepa 1 --> (012) (within
terminal)
2 Prospaniomyx pri 1 --> (012) (within

```

Hsearch_Consensus.out

2 Spani omys ri pari 1 --> terminal)
 2 Myocastor coypus 1 --> (012) (wi thi n
 terminal)
 2 Proechi mys cuvi e 1 --> (012) (wi thi n
 terminal)
 2 Maruchi to tri l of 1 --> (012) (wi thi n
 terminal)
 2 Thri chomys apere 1 --> (012) (wi thi n
 terminal)
 2 Echi mys chrysuru 1 --> (012) (wi thi n
 terminal)
 2 Makal ata di del ph 1 --> (012) (wi thi n
 terminal)
 2 Protadel phomys l 1 --> (012) (wi thi n
 terminal)
 2 Euryzygomatomys 1 --> (012) (wi thi n
 terminal)
 2 Mesocapromys/Mys 1 --> (012) (wi thi n
 terminal)
 2 Xenodontomys si m 1 --> (012) (wi thi n
 terminal)
 2 Ctenomys bol i vi e 1 --> (012) (wi thi n
 terminal)
 2 Neophanomys bi pl 1 --> (012) (wi thi n
 terminal)
 2 Pi thanotomys col 1 --> (012) (wi thi n
 terminal)
 2 Octodon degus 1 --> (012) (wi thi n
 terminal)
 2 Spal acopus cyanu 1 --> (012) (wi thi n
 terminal)
 2 Abrocoma bennett 1 --> (012) (wi thi n
 terminal)
 2 Adel phomys candi 1 --> (012) (wi thi n
 terminal)
 2 Prosti chomys bow 1 --> (012) (wi thi n
 terminal)
 2 Sti chomys regul a 1 --> (012) (wi thi n
 terminal)
 2 Dudumus rui gomez 1 --> (012) (wi thi n
 terminal)
 2 Pampamys emmonsa 1 --> (012) (wi thi n
 terminal)
 2 Cavi ocricetus l u 1 --> (012) (wi thi n
 terminal)
 2 Pl esi acarechi mys 1 --> (012) (wi thi n
 terminal)
 2 Sal l amys pascual 1 --> (012) (wi thi n
 terminal)
 2 Mayomys confl uen 1 --> (012) (wi thi n
 terminal)
 2 Eobrani samys rom 1 --> (012) (wi thi n
 terminal)
 1 Eobrani samys j av 1 --> (12) (wi thi n terminal)
 2 Pozomys ucayal ie 1 --> (012) (wi thi n
 terminal)
 1 node_202 1 ==> 0 Tarapotomys mayo
 2 Cachi yacuy kumme 1 --> (012) (wi thi n
 terminal)
 2 Thryonomys swi nd 1 --> (012) (wi thi n
 terminal)
 2 Paraphi omys pi go 1 --> (012) (wi thi n
 terminal)
 2 Metaphi omys scha 1 --> (012) (wi thi n
 terminal)
 2 Acri tophi omys bo 1 --> (012) (wi thi n

Hsearch_Consensus.out

45 (Height of the) 1.000

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2 Baluchimys barry 1 --> terminal)
(012) (with in
terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (with in terminal)
1 Chapattimys wils 1 --> (01) (with in terminal)
1 Ottomaniaproavi 1 --> (01) (with in terminal)
1 Hodsahibia azrae 1 --> (01) (with in terminal)
1 Phiomys hammudai 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 Luantus propheti 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia aperea 1 --> (01) (with in terminal)
1 Galea spixii 1 --> (01) (with in terminal)
1 Perimys intermed 1 --> (01) (with in terminal)
1 Neoepiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Eviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambarmys ship 1 --> (01) (with in terminal)
1 Chambarmys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Prospaniomys pri 1 --> (01) (with in terminal)
1 Spaniomys ripari 1 --> (01) (with in terminal)
1 Myocastor coypus 1 --> (01) (with in terminal)
1 Proechimys cuvie 1 --> (01) (with in terminal)
1 Maruchito trifol 1 --> (01) (with in terminal)
1 Thrichomys apere 1 --> (01) (with in terminal)
1 Echimysochrysuru 1 --> (01) (with in terminal)
1 Makalata delph 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Euryzygomatomys 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivi 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosthichomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocricetus lu 1 --> (01) (with in terminal)
1 Plesiacarechimy 1 --> (01) (with in terminal)
1 Sallamys pascual 1 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eobranisamys rom 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1 Thryonomys swind 1 --> (01) (with in terminal)

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Hsearch_Consensus.out

46 (*Anterior isol) 0.714

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1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
1 node_212 0 --> 1 node_120
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
1 node_120 1 ==> 2 'Wasl amys' attia
2 Phi omys hammudai 0 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
1 node_123 0 ==> 1 Neostei romys pat
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 Luantus propheti 0 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 0 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 0 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 0 --> (012) (wi thi n
termi nal)
2 Dasypocata 0 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)
2 Neoepi blema ambr 0 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 0 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 0 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n

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Hsearch_Consensus.out

2 Chambi ramys syl v 0 --> terminal)
(012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
2 Draconomys verai 0 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 0 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 0 --> (012) (wi thi n
terminal)
2 Prospani omys pri 0 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 0 --> (012) (wi thi n
terminal)
2 Myocastor coypus 0 --> (012) (wi thi n
terminal)
2 Proechi mys cuvi e 0 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 0 --> (012) (wi thi n
terminal)
2 Thri chomys apere 0 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 0 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 0 --> (012) (wi thi n
terminal)
2 Protadel phomys l 0 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 0 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 0 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
terminal)
2 Octodon degus 0 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
terminal)
2 Adel phomys candi 0 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
terminal)
2 Cavi ocricetus l u 0 --> (012) (wi thi n
terminal)
2 Pl esi acarechi mys 0 --> (012) (wi thi n
terminal)
2 Sal l amys pascual 0 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Mayomys confluen 0 --> terminal
2 Mayomys confluen 0 --> (012) (within terminal)
1 node_200 0 --> 1 node_199
2 Eobrani samys rom 1 --> (012) (within terminal)
1 Eobrani samys jav 1 --> (12) (within terminal)
2 Pozomys ucayal ie 0 --> (012) (within terminal)
2 Cachi yacuy kumme 0 --> (012) (within terminal)
2 Thryonomys swind 0 --> (012) (within terminal)
2 Paraphi omys pi go 0 --> (012) (within terminal)
2 Metaphi omys scha 0 --> (012) (within terminal)
2 Acritophi omys bo 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
47 (*Posterior iso) 0.600
2 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Cocomys ligchaen 0 --> (012) (within terminal)
2 node_217 0 --> 2 node_216
2 Tamquammys dispi 2 --> (012) (within terminal)
2 Chapattimys wils 2 --> (012) (within terminal)
2 Ottomani a proavi 2 --> (012) (within terminal)
2 Bugtimys zafarul 2 --> (012) (within terminal)
2 Hodsahibi a azrae 2 --> (012) (within terminal)
2 Phi omys hammudai 2 --> (012) (within terminal)
1 Cachi yacuy conta 2 --> (12) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
1 node_204 2 --> 1 node_201
2 Protostei romys m 1 --> (012) (within terminal)
1 node_124 1 --> 2 Eosteir romys homo
2 Brani samyopsi s a 1 --> (012) (within terminal)
1 Erethizon dorsat 1 --> (12) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
2 Stei romys detent 1 --> (012) (within terminal)
1 node_129 1 --> 2 Hyposteir romys a
1 node_129 1 ==> 0 Chaetomys subspi
2 Palaeosteir romys 1 --> (012) (within terminal)
1 node_141 1 ==> 0 node_140
2 Australoprocta f 0 --> (012) (within terminal)
2 Luantus propheti 0 --> (012) (within terminal)
2 Asteromys punctu 0 --> (012) (within terminal)
2 Dolichotis patag 0 --> (012) (within terminal)
2 Hydrochoerus hyd 0 --> (012) (within terminal)

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Hsearch_Consensus.out

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2 Cavia aperea 0 --> terminal)
2 Galea spixii 0 --> (012) (within
terminal)
2 Perimys intermed 0 --> (012) (within
terminal)
2 Neoreomys austra 0 --> (012) (within
terminal)
2 Dasypsecta 0 --> (012) (within
terminal)
1 node_198 1 --> 2 node_197
1 node_195 2 --> 1 node_161
1 Eoincamys pascua 1 --> (12) (within terminal)
1 node_156 1 --> 0 node_155
2 Microscleromys p 0 --> (012) (within
terminal)
2 Scleromys quadra 0 --> (012) (within
terminal)
2 Scleromys angust 0 --> (012) (within
terminal)
2 Potamarchus muri 0 --> (012) (within
terminal)
2 Neopiblema ambr 0 --> (012) (within
terminal)
2 Chinchilla lanig 0 --> (012) (within
terminal)
2 Lagidium viscaci 0 --> (012) (within
terminal)
2 Lagostomus maxim 0 --> (012) (within
terminal)
2 Scleromys osborn 0 --> (012) (within
terminal)
2 Garri domys curnu 0 --> (012) (within
terminal)
2 Eoviscaccia fras 0 --> (012) (within
terminal)
2 Eoviscaccia aust 0 --> (012) (within
terminal)
2 Scleromys praecu 0 --> (012) (within
terminal)
2 Chambi ramys shi p 1 --> (012) (within
terminal)
2 Chambi ramys syl v 1 --> (012) (within
terminal)
2 Eoincamys val ver 1 --> (012) (within
terminal)
2 Eoincamys ameghi 1 --> (012) (within
terminal)
2 Draconomys verai 2 --> (012) (within
terminal)
2 Leucocephalos ze 2 --> (012) (within
terminal)
2 Platypittamys br 2 --> (012) (within
terminal)
2 Deseadomys aramb 2 --> (012) (within
terminal)
2 Willidewu estepa 2 --> (012) (within
terminal)
2 Prospani omys pri 2 --> (012) (within
terminal)
2 Spani omys ri pari 2 --> (012) (within
terminal)
2 Myocastor coypus 2 --> (012) (within
terminal)
2 Proechi mys cuvie 2 --> (012) (within
terminal)
2 Maruchito trifol 2 --> (012) (within

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Hsearch_Consensus.out

			terminal)
2	Thrichomys apere	2 -->	(012) (within terminal)
2	Echymys chrysuru	2 -->	(012) (within terminal)
2	Makalata delph	2 -->	(012) (within terminal)
2	Protadelphomys l	2 -->	(012) (within terminal)
2	Euryzygomatomys	2 -->	(012) (within terminal)
2	Mesocapromys/Mys	2 -->	(012) (within terminal)
2	Xenodontomys sim	2 -->	(012) (within terminal)
2	Ctenomys bolivi	2 -->	(012) (within terminal)
2	Neophanomys bipl	2 -->	(012) (within terminal)
2	Pi thanotomys col	2 -->	(012) (within terminal)
2	Octodon degus	2 -->	(012) (within terminal)
2	Spalacopus cyanu	2 -->	(012) (within terminal)
2	Abrocoma bennett	2 -->	(012) (within terminal)
2	Adelphomys candi	2 -->	(012) (within terminal)
2	Prostichomys bow	2 -->	(012) (within terminal)
2	Stichomys regula	2 -->	(012) (within terminal)
2	Dudumus rui gomez	2 -->	(012) (within terminal)
2	Pampamys emmonsa	2 -->	(012) (within terminal)
2	Caviocricetus lu	2 -->	(012) (within terminal)
2	Plesiacarechymys	2 -->	(012) (within terminal)
2	Sallamys pascual	2 -->	(012) (within terminal)
2	Mayomys confluen	2 -->	(012) (within terminal)
2	Eobrani samys rom	1 -->	(012) (within terminal)
1	Eobrani samys jav	1 -->	(12) (within terminal)
2	Pozomys ucayalie	2 -->	(012) (within terminal)
2	Cachiyacuy kumme	2 -->	(012) (within terminal)
2	Thryonomys swind	2 -->	(012) (within terminal)
2	Paraphomys pi go	2 -->	(012) (within terminal)
2	Metaphomys scha	2 -->	(012) (within terminal)
2	Acritophomys bo	2 -->	(012) (within terminal)
2	Baluchimys barry	2 -->	(012) (within terminal)
48 (Mesostyle and) 1.000	1	Archetypomys erl	0 --> (01) (within terminal)
	1	Tribosphenomys m	0 --> (01) (within terminal)
	1	Cocomys ligchaen	0 --> (01) (within terminal)
	1	Tamquammys di spi	0 --> (01) (within terminal)
	1	Chapattimys wils	0 --> (01) (within terminal)
	1	Ottomaniaproavi	0 --> (01) (within terminal)

Hsearch_Consensus.out

1 Hodsahibia azrae 0 --> (01) (with in terminal)
 1 Phiomys hammudai 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 node_124 0 ==> 1 Eosteioromys homo
 1 Erethizon dorsat 0 --> (01) (with in terminal)
 1 Coendou prehensi 0 --> (01) (with in terminal)
 1 Steioromys detent 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neopiblema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys shi p 0 --> (01) (with in terminal)
 1 Chambi ramys sylv 0 --> (01) (with in terminal)
 1 Eoincamys val ver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypittamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Willidewu estepa 0 --> (01) (with in terminal)
 1 Prospani omys pri 0 --> (01) (with in terminal)
 1 Spani omys ri pari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Maruchito trilo f 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echimy s chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzgomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prostichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacarechi mys 0 --> (01) (with in terminal)
 1 Sallamys pascual 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eobrani samys rom 0 --> (01) (with in terminal)
 1 Eobrani samys jav 0 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Cachi yacuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphi omys pi go 0 --> (01) (with in terminal)
 1 Metaphi omys scha 0 --> (01) (with in terminal)

49 (Anterior arm o) 0.500

Hsearch_Consensus.out

```
1 Acritophiomyx bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 node_118 1 ==> 0 Birbalomys sonda
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 Phiomyx hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachiyacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 node_198 1 --> 0 node_141
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_124 0 --> 1 node_123
1 Braniamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_140 0 --> 1 node_138
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 node_153 1 --> 0 node_152
1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoivscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiromys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 node_158 1 ==> 0 Eoincamys parvus
1 Chambiromys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

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1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniomys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 node_118 1 ==> 0 Birbalomys sonda
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Braniamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 node_127 1 ==> 0 Steioromys detent
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_195 1 --> 0 node_161
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_142
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )

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50 (Posterior arm) 0.556

Hsearch_Consensus.out

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1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 node_212
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 node_129 1 ==> 0 Hypsostei romys a
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidum vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
1   node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1   node_166 0 ==> 1 node_165
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito tril of 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1   node_213 0 ==> 1 node_212
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1   node_201 1 ==> 0 node_198
1   node_130 0 --> 1 node_128
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1   node_124 1 --> 0 Eostei romys homo
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1   node_137 0 ==> 1 Australoprocta f
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)

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52 (Mesolophuleon) 0.643

Hsearch_Consensus.out

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1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Peromyscus intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Eovis scaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 node_166 0 --> 1 node_165
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tri lof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata di del ph 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )

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53 (Length of the) 0.750

Hsearch_Consensus.out

1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_127 0 ==> 1 Steirromys detent
 1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branickei 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoeptiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocrietus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 node_201 0 --> 1 node_200
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 node_211 0 ==> 1 Acritophi omys bo
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 node_120 0 --> 1 node_119
1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 node_207 0 --> 1 node_206
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pasqua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys brani cki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucocephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )

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54 (Height of the) 0.500

Hsearch_Consensus.out

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1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sciamys principa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal l amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
55 (Lingual connec) 1.000 1 node_212 0 --> 2 node_211
56 (Mesol oph on P4) 0.750 1 node_207 2 --> 1 node_206
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_204 0 ==> 1 node_201
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 node_130 1 --> 0 node_129
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_194
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 node_141 1 ==> 0 node_140
 1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
 1 node_137 0 ==> 2 Neoreomys austra
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_161
 1 node_156 0 ==> 2 Eoincamys pascua
 1 Incamys bol i vi an 0 --> (02) (wi thi n termi nal)
 1 node_149 0 ==> 2 node_143
 1 node_153 0 ==> 2 node_152
 1 Eosal l amys paul a 1 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 node_217
 1 node_216 1 --> 0 Tamquammys di spi
 1 node_213 1 --> 0 Ottomani a proavi
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)

57 (Lingual connec) 0.692

58 (Hypocone on P4) 0.333

Hsearch_Consensus.out

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1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1   Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1   Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyss pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyss ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1   Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphimys pigo 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphimys schaa 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1   node_215 0 --> 1 node_214
1 Ottomaniaproavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1   Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1   Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 node_166 1 ==> 0 node_163
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to tril of 1 --> (01) (w i t h i n t e r m i n a l )
1 Thri chomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata di del ph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bol ivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 node_193 1 ==> 0 Sal lamys pascual
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acri tophi omys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 node_207 0 --> 1 node_206
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )

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60 (Length of the) 0.500

Hsearch_Consensus.out

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1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
61 (Orientation of) 0.500 1 node_120 0 --> 1 'Wasl amys' attia
1 node_207 0 --> 1 Phi omys hammudai
1 node_147 0 ==> 2 node_146
1 node_160 0 ==> 2 Eoi ncamys val ver
1 Gal ileomys euryg 0 --> (02) (wi thi n termi nal)
62 (Pronounced AAH) 0.444 1 node_211 0 ==> 2 Acri tophi omys bo
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_205 0 ==> 1 node_204
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_126 1 ==> 0 node_124
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_139
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1      node_148 1 ==> 0 node_147
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1      node_167 1 --> 0 node_166
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1      Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1      node_197 1 ==> 0 Eosal lamys paul a
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1      node_138 0 --> 1 node_137
1      node_137 1 --> 0 node_136
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)

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63 (Tendency to pr) 0.286

Hsearch_Consensus.out

1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Peromyscus intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_158 0 --> 1 node_157
 1 node_154 1 --> 0 node_142
 1 Diomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_148 1 ==> 0 node_147
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosciaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_167 0 ==> 1 Willidewu estepa
 1 Prospaniomya pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomya ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmons 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal i e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphimys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphimys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_218 0 --> 1 node_219
 1 node_219 1 --> 0 Archetypomys erl
 1 node_218 0 --> 1 Cocomys ligchaen
 1 node_216 0 --> 1 Tamquammys di spi
 1 node_213 0 --> 1 Ottomani a proavi
 1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Peromyscus intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_198 0 ==> 1 node_197
 1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_149 1 --> 0 node_148
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopipistrellus ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garridomys curru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_158 1 ==> 0 Eoincamys parvus
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypitmys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sciomys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomyz pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomyz ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilofo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelphi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_200 0 --> 1 node_199
 1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalieu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphimys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphimys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys eri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1      node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1      node_207 1 ==> 0 Phi omys hammudai
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1      node_123 1 ==> 0 Brani samyopsi s a
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1      node_130 1 ==> 0 node_129
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1      Cavia aperea 1 --> (01) (wi thi n termi nal)
1      Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1      node_140 1 --> 0 node_139
1      Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1      node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branickei 0 --> (01) (wi thi n termi nal)
1 Neopibellama ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trifol 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelphi 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesiacaechimys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphimys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphimys scha 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 node_198 1 ==> 0 node_141
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_156 1 --> 0 node_155
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platytipomys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)

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66 (Fusion of the) 0.500

Hsearch_Consensus.out

1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilofo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelphi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechimy s 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphomys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_124 1 ==> 0 Eosteioromys homo
 1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_140 1 --> 0 node_139
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microsscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_154 1 --> 0 node_153

67 (Anterior arm o) 0.500

Hsearch_Consensus.out

1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypi ttamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys muri nus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys princi pa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Will idewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tril of 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makal ata di del ph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol ivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ple siacarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosal lamys paul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal ie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swi nd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_219 0 ==> 1 Tri bosphenomys m
 1 node_216 0 ==> 1 Tamquammys di spi
 1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_207 0 --> 1 node_206
 1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_198 1 ==> 0 node_141

Hsearch_Consensus.out

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1 Protosteirromys m 0 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Steirromys detent 0 --> (01) (wi thi n termi nal)
1 Hypsosteirromys a 0 --> (01) (wi thi n termi nal)
1 Palaeosteirromys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 node_137 0 ==> 1 Neoreomys austra
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 node_145 1 ==> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 node_158 1 ==> 0 Eoincamys parvus
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 node_200 1 ==> 0 Shapaj amys laboc
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 node_213 1 --> 2 node_212
1 node_120 2 --> 0 node_119
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 node_207 2 --> 0 node_206
1 node_205 0 --> 3 node_122
1 node_198 0 --> 3 node_141
1 node_124 3 ==> 2 Eosteirromys homo
1 Coendou prehensi 3 --> (03) (wi thi n termi nal)
1 node_138 3 --> 0 Brani samys luri b
1 Dasyprocta 3 --> (03) (wi thi n termi nal)

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Hsearch_Consensus.out

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1      node_139 3 ==> 2 Cuniculus paca-t
1 Eoincamys parvus 0 --> (03) (with in terminal)
1      node_204 0 --> 4 node_203
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Hodsahibi a azrae 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteirromys m 0 --> (01) (with in terminal)
1      node_127 0 --> 1 node_126
1 Eosteirromys homo 1 --> (01) (with in terminal)
1 Neosteirromys pat 1 --> (01) (with in terminal)
1      node_125 1 --> 0 Erethizon dorsat
1 Hypsosteirromys a 0 --> (01) (with in terminal)
1 Palaeosteirromys 0 --> (01) (with in terminal)
1      node_141 0 ==> 1 node_140
1 Luantus propheti 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1      Cavia aperea 1 --> (01) (with in terminal)
1      Galea spixii 1 --> (01) (with in terminal)
1 Perimys intermed 1 --> (01) (with in terminal)
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Brani samys luri b 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pasqua 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branickei 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Acaremys murinus 0 --> (01) (with in terminal)
1 Sci amys principa 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Prospaniomys pri 0 --> (01) (with in terminal)
1 Spaniomys ripari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Proechimys cuvie 0 --> (01) (with in terminal)
1 Maruchito trifol 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Echimy s chrysuru 0 --> (01) (with in terminal)
1 Makalata didelph 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 node_212
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)

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71 (Di rect metal op) 1.000

Hsearch_Consensus.out

1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechiomyx cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echiomyx chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelphi 1 --> (01) (wi thi n termi nal)
 1 Protodelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 node_212 0 --> 1 node_211
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechiomyx cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echiomyx chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelphi 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

72 (Height of the) 1.000

Hsearch_Consensus.out

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1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
1 node_213 1 --> 0 Ottomani a proavi
1 node_119 1 ==> 2 Hodsahi bi a azrae
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
1 Eoespi na woodi -E 1 --> (12) (wi thi n termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
1 node_205 1 ==> 2 node_204
1 node_130 2 --> 1 node_128
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1 node_127 1 --> 0 node_126
2 Eostei romys homo 0 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 0 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n

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73 (*DP4 l ength/wi) 0.333

Hsearch_Consensus.out

```

2 Neoreomys austra 2 --> terminal)
2 Cuniculus paca-t 2 --> (012) (wi thi n
terminal)
2 Eoincamys pascua 2 --> (012) (wi thi n
terminal)
2 Scleromys angust 2 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 2 --> (012) (wi thi n
terminal)
2 Potamarchus muri 2 --> (012) (wi thi n
terminal)
2 Neoepiblema ambr 2 --> (012) (wi thi n
terminal)
2 Chinchilla lani g 2 --> (012) (wi thi n
terminal)
2 Lagidium viscaci 2 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
terminal)
2 Scleromys osborn 2 --> (012) (wi thi n
terminal)
2 Garri domys curnu 2 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 2 --> (012) (wi thi n
terminal)
2 Scleromys praecu 2 --> (012) (wi thi n
terminal)
2 Eoincamys parvus 2 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Eoincamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoincamys ameghi 2 --> (012) (wi thi n
terminal)
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Platypittamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
1 Acaremys murinus 2 --> (12) (wi thi n terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
terminal)
2 Willidewu estepa 2 --> (012) (wi thi n
terminal)
1 node_192 2 --> 1 node_191
1 node_187 1 --> 2 node_186
2 Maruchito tril of 2 --> (012) (wi thi n
terminal)
1 node_171 2 ==> 1 Thrichomys apere
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
1 node_182 2 --> 1 node_181
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
1 node_179 1 ==> 2 Pithanotomys col
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 2 --> (012) (wi thi n
terminal)
1 node_189 1 --> 2 Pampamys emmonsa

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Hsearch_Consensus.out

1 Caviocricetus lu 1 --> (12) (withn terminal)
 1 node_191 1 ==> 0 Plesiacarechymys
 2 Eobranisamys rom 2 --> (012) (withn terminal)
 2 Pozomys ucayalie 2 --> (012) (withn terminal)
 2 Cachiycuy kumme 1 --> (012) (withn terminal)
 1 node_208 1 ==> 0 Thryonomys swind
 1 Metaphomys scha 1 --> (01) (withn terminal)
 74 (Labial pericyn) 1.000
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Reithroparamys d 0 --> (01) (withn terminal)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (withn terminal)
 1 Chapattimys wils 1 --> (01) (withn terminal)
 1 Phiomys hammudai 1 --> (01) (withn terminal)
 1 Canaanimys maqui 1 --> (01) (withn terminal)
 1 Protosteioromys m 1 --> (01) (withn terminal)
 1 Eosteioromys homo 1 --> (01) (withn terminal)
 1 Branisamyopsis a 1 --> (01) (withn terminal)
 1 Neosteioromys pat 1 --> (01) (withn terminal)
 1 Erethizon dorsat 1 --> (01) (withn terminal)
 1 Palaeosteioromys 1 --> (01) (withn terminal)
 1 Australoprocta f 1 --> (01) (withn terminal)
 1 Asteromys punctu 1 --> (01) (withn terminal)
 1 Dolichotis patag 1 --> (01) (withn terminal)
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)
 1 Cavia aperea 1 --> (01) (withn terminal)
 1 Galea spixii 1 --> (01) (withn terminal)
 1 Neoreomys austra 1 --> (01) (withn terminal)
 1 Cuniculus paca-t 1 --> (01) (withn terminal)
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Drytomomys aequa 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Neoepiblema ambr 1 --> (01) (withn terminal)
 1 Chinchilla lanig 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Eoincamys parvus 1 --> (01) (withn terminal)
 1 Chambi ramys sylv 1 --> (01) (withn terminal)
 1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Eoincamys ameghi 1 --> (01) (withn terminal)
 1 Draconomys verai 1 --> (01) (withn terminal)
 1 Leucokephalos ze 1 --> (01) (withn terminal)
 1 Platypittamys br 1 --> (01) (withn terminal)
 1 Deseadomys aramb 1 --> (01) (withn terminal)
 1 Sci amys principa 1 --> (01) (withn terminal)
 1 Willidewu estepa 1 --> (01) (withn terminal)
 1 Maruchito trilof 1 --> (01) (withn terminal)
 1 Protadelphomys l 1 --> (01) (withn terminal)
 1 Mesocapromys/Mys 1 --> (01) (withn terminal)
 1 Xenodontomys sim 1 --> (01) (withn terminal)
 1 Ctenomys bolivie 1 --> (01) (withn terminal)
 1 Neophanomys bipl 1 --> (01) (withn terminal)
 1 Pi thanotomys col 1 --> (01) (withn terminal)
 1 Octodon degus 1 --> (01) (withn terminal)
 1 Spalacopus cyanu 1 --> (01) (withn terminal)
 1 Abrocoma bennett 1 --> (01) (withn terminal)
 1 Adelphomys candi 1 --> (01) (withn terminal)
 1 Eobranisamys rom 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Cachiycuy kumme 1 --> (01) (withn terminal)
 75 (Length of the) 0.600
 1 Archetypomys erl 0 --> (01) (withn terminal)

Hsearch_Consensus.out

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1 node_218 0 --> 1 Cocomys ligchaen
1 node_217 0 --> 1 node_118
1 Reithroparamys d 1 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_213 0 --> 1 Ottomani a proavi
1 Bugtmys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 Phiomys hammudai 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Eosteioromys homo 0 --> (01) (with in terminal)
1 Braniamyopsis a 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Neoeplema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Sci amys principa 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Eobranisamys rom 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Cachi yacuy kumme 0 --> (01) (with in terminal)
2 Archetypomys erl 0 --> (012) (with in terminal)
2 Reithroparamys d 0 --> (012) (with in terminal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (with in terminal)
2 Chapattimys wils 1 --> (012) (with in terminal)

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76 (*Height of the) 0.500

Hsearch_Consensus.out

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1 node_213 1 --> 0 Ottomani a proavi
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_120 1 --> 0 'Waslamys' attia
1 node_210 1 ==> 2 node_209
2 Phi omys hammudai 2 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
2 Protostei romys m 2 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 2 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
1 node_140 2 --> 1 node_139
2 Cuni cul us paca-t 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 2 --> (012) (wi thi n
termi nal)
2 Neoepi bl ema ambr 2 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 2 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
termi nal)

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Hsearch_Consensus.out

2 Eoincamys valver 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoincamys ameghi 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Draconomys verai 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Leucokephalos ze 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Platypittamys br 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Deseadomys aramb 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Sci amys p r i n c i p a 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Willidewu estepa 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Maruchito trilof 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Protadelphomys l 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Mesocapromys/Mys 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Xenodontomys sim 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Ctenomys bolivi e 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Neophanomys bipl 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Pi thanotomys col 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Octodon degus 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Spalacopus cyanu 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Abrocoma bennett 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Adelphomys candi 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eobrani samys rom 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Pozomys ucayal i e 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Cachi yacuy kumme 2 --> (012) (w i t h i n
 t e r m i n a l)
 77 (Anteroci ngul um) 0.750
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_213 1 --> 0 Ottomani a proavi
 1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

```

1      Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri ncipa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1      Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1      node_218 0 ==> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1      node_214 0 --> 1 node_213
1      node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1      node_130 0 --> 1 node_128
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1      Cavia aperea 0 --> (01) (wi thi n termi nal)
1      Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1      Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)

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78 (Anterocingulum) 0.250

Hsearch_Consensus.out

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1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeptiblenia ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Philomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )

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79 (Neocrestule on) 0.750

Hsearch_Consensus.out

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1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 node_200 0 ==> 1 Shapaj amys laboc
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)

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80 (Outgrowth of t) 0.500

Hsearch_Consensus.out

1 Scleromys osborn 1 --> (01) (with in terminal)
 1 Garri domys curnu 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 node_157 1 ==> 0 Chambi ramys ship
 1 Eoincamys parvus 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Eoincamys valver 1 --> (01) (with in terminal)
 1 Eoincamys ameghi 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platyptamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Sci amys principa 1 --> (01) (with in terminal)
 1 Willidewu estepa 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Protadelphomys l 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivie 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Eobrani samys rom 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Cachi yacuy kumme 1 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 Cocomys ligchaen 0 --> (01) (with in terminal)
 1 Rei throparamys d 0 --> (01) (with in terminal)
 1 Birbalomys sonda 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Chapattimys wils 0 --> (01) (with in terminal)
 1 Bugtimys zafaral 0 --> (01) (with in terminal)
 1 Phi omys hammudai 0 --> (01) (with in terminal)
 1 Canaani mys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Eosteioromys homo 0 --> (01) (with in terminal)
 1 Brani samyopsis a 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Erethizon dorsat 0 --> (01) (with in terminal)
 1 Chaetomys subspi 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 Cuniculus paca-t 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Drytomomys aequa 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Dinomys branickei 0 --> (01) (with in terminal)
 1 Neopibrama ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxi m 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)

81 (Length of the) 1.000

Hsearch_Consensus.out

1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
1 Sciomyss principa 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 node_214 0 --> 1 Baluchimys barry
82 (Posterior arm) 0.333 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 node_218 0 ==> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 node_214 0 --> 1 node_213
1 Ottomaniaproavi 1 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 node_201 1 --> 0 node_198
1 node_130 0 --> 1 node_128
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Diomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Eoviscaccia frasca 0 --> (01) (within terminal)
 1 Eoviscaccia austriaca 0 --> (01) (within terminal)
 1 Scleromys praecursor 0 --> (01) (within terminal)
 1 Eoincamys parvus 0 --> (01) (within terminal)
 1 Chambi ramys sylvaticus 0 --> (01) (within terminal)
 1 Eoincamys valverde 0 --> (01) (within terminal)
 1 Eoincamys ameghii 0 --> (01) (within terminal)
 1 Draconomys verai 0 --> (01) (within terminal)
 1 Leucokephalos zealandicus 0 --> (01) (within terminal)
 1 Platypittamys browni 0 --> (01) (within terminal)
 1 Deseadomys aramburui 0 --> (01) (within terminal)
 1 Sciomyzomys principis 0 --> (01) (within terminal)
 1 Galileomys eurygaster 0 --> (01) (within terminal)
 1 Willidewu estepae 0 --> (01) (within terminal)
 1 Prospaniomys priestleyi 0 --> (01) (within terminal)
 1 Myocastor coypus 0 --> (01) (within terminal)
 1 Proechimys cuvieri 0 --> (01) (within terminal)
 1 Maruchito trilloi 0 --> (01) (within terminal)
 1 Thrichomys apere 0 --> (01) (within terminal)
 1 Echimys chrysurus 0 --> (01) (within terminal)
 1 Makalata didelphoides 0 --> (01) (within terminal)
 1 Protadelphomys laticauda 0 --> (01) (within terminal)
 1 Euryzygomatomys 0 --> (01) (within terminal)
 1 Mesocapromys/Mys 0 --> (01) (within terminal)
 1 Xenodontomys simonsi 0 --> (01) (within terminal)
 1 Ctenomys boliviensis 0 --> (01) (within terminal)
 1 Neophanomys bipartitus 0 --> (01) (within terminal)
 1 Pithanotomys colsoni 0 --> (01) (within terminal)
 1 Octodon degus 0 --> (01) (within terminal)
 1 Spalacopus cyanus 0 --> (01) (within terminal)
 1 Abrocoma bennetti 0 --> (01) (within terminal)
 1 Adelphomys candi 0 --> (01) (within terminal)
 1 Prosthichomys bowdleri 0 --> (01) (within terminal)
 1 Stichomys regularis 0 --> (01) (within terminal)
 1 Pampamys emmonsae 0 --> (01) (within terminal)
 1 Caviocricetus lucasi 0 --> (01) (within terminal)
 1 Sallamys pascuali 0 --> (01) (within terminal)
 1 node_196 0 --> 1 Mayomys confluentis
 1 Eosallamys paula 0 --> (01) (within terminal)
 1 Eobranisamys romeri 1 --> (01) (within terminal)
 1 Pozomys ucayalies 1 --> (01) (within terminal)
 1 Tarapotomys mayo 1 --> (01) (within terminal)
 1 Tarapotomys subandinus 1 --> (01) (within terminal)
 1 Cachi yacuy kumme 1 --> (01) (within terminal)
 1 Thryonomys swindeni 1 --> (01) (within terminal)
 1 Paraphimys pigo 1 --> (01) (within terminal)
 1 Archetypomys erlangeri 0 --> (01) (within terminal)
 1 node_218 0 ==> 1 node_217
 1 Reithroparamys dunnleyi 1 --> (01) (within terminal)
 1 Tamquammys displicens 1 --> (01) (within terminal)
 1 Chapattimys wilsoni 1 --> (01) (within terminal)
 1 Phiomys hammudai 1 --> (01) (within terminal)
 1 Canaanimys maquilingae 1 --> (01) (within terminal)
 1 Protosteioromys mitchelli 1 --> (01) (within terminal)
 1 Eosteioromys homocidus 1 --> (01) (within terminal)
 1 Branisamyopsis acaudata 1 --> (01) (within terminal)
 1 Neosteioromys patagonicus 1 --> (01) (within terminal)
 1 Erethizon dorsatum 1 --> (01) (within terminal)
 1 Palaeosteioromys 1 --> (01) (within terminal)
 1 Australoprocta ferox 1 --> (01) (within terminal)
 1 Asteromys punctatus 1 --> (01) (within terminal)
 1 Dolichotis patagonica 1 --> (01) (within terminal)
 1 Hydrochoerus hydrochaeris 1 --> (01) (within terminal)
 1 Cavia aperea 1 --> (01) (within terminal)
 1 Galeaspixia 1 --> (01) (within terminal)
 1 Neoreomys australis 1 --> (01) (within terminal)
 1 Cuniculus paca-t 1 --> (01) (within terminal)
 1 Eoincamys pascuali 1 --> (01) (within terminal)

Hsearch_Consensus.out

1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platyptamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Sci amys principa 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 node_209 0 --> 1 node_207
 1 node_198 1 --> 0 node_141
 1 node_130 0 --> 2 node_128
 1 node_129 0 --> 1 Hypsostei romys a
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (02) (wi thi n termi nal)
 1 Incamys bolivi an 1 --> (12) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (12) (wi thi n termi nal)
 1 node_165 1 ==> 0 Gal ileomys euryg
 1 node_168 1 ==> 2 Spani omys ri pari
 1 node_171 1 ==> 0 Thri chomys apere
 1 node_172 1 ==> 2 Echi mys chrysuru
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 node_196 1 ==> 2 Mayomys confl uen
 1 node_201 1 ==> 2 node_200
 1 node_202 1 ==> 2 Tarapotomys suba
 85 (Lingual protol) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1   node_195 0 --> 1 node_161
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1   node_200 0 --> 1 node_199
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteironomys m 1 --> (01) (wi thi n termi nal)
1 Eosteironomys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteironomys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteironomys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)

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86 (Height of the) 1.000

Hsearch_Consensus.out

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1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepelema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 node_169 1 ==> 0 Proechimys cuvi e
1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Pampanys emmonsa 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphimys pi go 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
1 node_218 0 --> 1 node_217
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
1 node_210 1 ==> 2 node_209
2 Phiomys hammudai 2 --> (012) (wi thi n
termi nal)

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87 (*Orientation o) 0.500

Hsearch_Consensus.out

2 Canani mys maqui 2 --> (012) (wi thi n
termi nal)
2 Protoste i romys m 2 --> (012) (wi thi n
termi nal)
2 Eoste i romys homo 2 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
2 Neoste i romys pat 2 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 2 --> (012) (wi thi n
termi nal)
1 node_129 2 ==> 1 Chaetomys subspi
2 Pal aeoste i romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Gale a spi xi i 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 2 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 2 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 2 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 2 --> (012) (wi thi n
termi nal)
2 Neoepi blema ambr 2 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 2 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 2 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n

Hsearch_Consensus.out

				terminal)
2	Chambi ramys syl v	2	-->	(012) (wi thi n terminal)
2	Eoi ncamys val ver	2	-->	(012) (wi thi n terminal)
2	Eoi ncamys ameghi	2	-->	(012) (wi thi n terminal)
2	Draconomys verai	2	-->	(012) (wi thi n terminal)
2	Leucokephal os ze	2	-->	(012) (wi thi n terminal)
2	Pl atypi ttamys br	2	-->	(012) (wi thi n terminal)
2	Deseadomys aramb	2	-->	(012) (wi thi n terminal)
2	Sci amys pri nci pa	2	-->	(012) (wi thi n terminal)
2	Wi l l i dewu estepa	2	-->	(012) (wi thi n terminal)
1	Spani omys ri pari	2	-->	(12) (wi thi n terminal)
2	Maruchi to tril of	2	-->	(012) (wi thi n terminal)
2	Protadel phomys l	2	-->	(012) (wi thi n terminal)
2	Mesocapromys/Mys	2	-->	(012) (wi thi n terminal)
2	Xenodontomys si m	2	-->	(012) (wi thi n terminal)
2	Ctenomys bol i vi e	2	-->	(012) (wi thi n terminal)
2	Neophanomys bi pl	2	-->	(012) (wi thi n terminal)
2	Pi thanotomys col	2	-->	(012) (wi thi n terminal)
2	Octodon degus	2	-->	(012) (wi thi n terminal)
2	Spal acopus cyanu	2	-->	(012) (wi thi n terminal)
2	Abrocoma bennett	2	-->	(012) (wi thi n terminal)
1	node_186	2	-->	1 node_185
2	Adel phomys candi	1	-->	(012) (wi thi n terminal)
2	Eobrani samys rom	2	-->	(012) (wi thi n terminal)
2	Eobrani samys jav	2	-->	(012) (wi thi n terminal)
2	Pozomys ucayal i e	2	-->	(012) (wi thi n terminal)
1	node_202	2	==>	1 Tarapotomys mayo
2	Cachi yacuy kumme	2	-->	(012) (wi thi n terminal)
88 (Mure on DP4)	0.600	1	Archetypomys erl	0 --> (01) (wi thi n terminal)
		1	Rei throparamys d	0 --> (01) (wi thi n terminal)
		1	Tamquammys di spi	0 --> (01) (wi thi n terminal)
		1	Chapattimys wil s	0 --> (01) (wi thi n terminal)
		1	'Wasl amys' attia	0 --> (01) (wi thi n terminal)
		1	node_212	0 --> 1 node_211
		1	Phi omys hammudai	1 --> (01) (wi thi n terminal)
		1	Canaani mys maqui	1 --> (01) (wi thi n terminal)
		1	Protostei romys m	1 --> (01) (wi thi n terminal)
		1	Eostei romys homo	1 --> (01) (wi thi n terminal)
		1	Brani samyopsi s a	1 --> (01) (wi thi n terminal)
		1	Neostei romys pat	1 --> (01) (wi thi n terminal)
		1	Erethi zon dorsat	1 --> (01) (wi thi n terminal)
		1	node_129	1 ==> 0 Chaetomys subspi
		1	Pal aeostei romys	1 --> (01) (wi thi n terminal)
		1	Austral oprocta f	1 --> (01) (wi thi n terminal)

Hsearch_Consensus.out

```

1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeptiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1   node_176 1 --> 0 node_175
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomania proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1   node_211 0 ==> 1 node_210
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)

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89 (Lenght of the) 0.750

Hsearch_Consensus.out

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1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 node_176 1 --> 0 node_175
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_211 0 ==> 1 node_210
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )

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90 (Metaconule on) 1.000

Hsearch_Consensus.out

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1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Garri domys curnu 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Eoincamys parvus 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platyptamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Sci amys principa 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1 Maruchito trilof 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pi thanotomys col 1 --> (01) (withn terminal)
1 Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1 Adelphomys candi 1 --> (01) (withn terminal)
1 Eobranisamys rom 1 --> (01) (withn terminal)
1 Pozomys ucayalie 1 --> (01) (withn terminal)
1 Cachi yacuy kumme 1 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Tamquammys dispi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 node_213 0 --> 1 node_212
1 node_120 1 --> 0 node_119
1 Phi omys hammudai 1 --> (01) (withn terminal)
1 Cachi yacuy conta 1 --> (01) (withn terminal)
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1 Canaanimys maqui 1 --> (01) (withn terminal)
1 Protosteioromys m 1 --> (01) (withn terminal)
1 Eosteioromys homo 1 --> (01) (withn terminal)
1 Brani samyopsis a 1 --> (01) (withn terminal)
1 Neosteioromys pat 1 --> (01) (withn terminal)
1 Erethizon dorsat 1 --> (01) (withn terminal)
1 Coendou prehensi 1 --> (01) (withn terminal)
1 Steioromys detent 1 --> (01) (withn terminal)
1 Hyposteioromys a 1 --> (01) (withn terminal)
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Palaeosteioromys 1 --> (01) (withn terminal)
1 Australoprocta f 1 --> (01) (withn terminal)
1 Luantus propheti 1 --> (01) (withn terminal)
1 Asteromys punctu 1 --> (01) (withn terminal)
1 Dolichotis patag 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1 Cavia aperea 1 --> (01) (withn terminal)
1 Galea spixii 1 --> (01) (withn terminal)
1 Perimys intermed 1 --> (01) (withn terminal)
1 Neoreomys austra 1 --> (01) (withn terminal)
1 Brani samys luri b 1 --> (01) (withn terminal)
1 Dasyprocta 1 --> (01) (withn terminal)
1 Cuniculus paca-t 1 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Incamys bolivian 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1 Scleromys quadra 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Drytomomys aequa 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)

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91 (Development of) 0.500

Hsearch_Consensus.out

1 Dinomys branickei 1 --> (01) (withn terminal)
 1 Neopibrama ambr 1 --> (01) (withn terminal)
 1 Chinchilla lanig 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Eoviscaccia aust 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Chambi ramys ship 1 --> (01) (withn terminal)
 1 Eoincamys parvus 1 --> (01) (withn terminal)
 1 Chambi ramys sylv 1 --> (01) (withn terminal)
 1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Eoincamys ameghi 1 --> (01) (withn terminal)
 1 Draconomys verai 1 --> (01) (withn terminal)
 1 Leucokephalos ze 1 --> (01) (withn terminal)
 1 Platyptamys br 1 --> (01) (withn terminal)
 1 Deseadomys aramb 1 --> (01) (withn terminal)
 1 Acaremys murinus 1 --> (01) (withn terminal)
 1 Sci amys principa 1 --> (01) (withn terminal)
 1 Galileomys euryg 1 --> (01) (withn terminal)
 1 Willidewu estepa 1 --> (01) (withn terminal)
 1 Prospani omys pri 1 --> (01) (withn terminal)
 1 Spani omys ripari 1 --> (01) (withn terminal)
 1 Myocastor coypus 1 --> (01) (withn terminal)
 1 Proechi mys cuvie 1 --> (01) (withn terminal)
 1 Maruchito trilof 1 --> (01) (withn terminal)
 1 Thrichomys apere 1 --> (01) (withn terminal)
 1 Echi mys chysuru 1 --> (01) (withn terminal)
 1 Makalata di delph 1 --> (01) (withn terminal)
 1 Protadel phomys l 1 --> (01) (withn terminal)
 1 Euryzygomatomys 1 --> (01) (withn terminal)
 1 Mesocapromys/Mys 1 --> (01) (withn terminal)
 1 Xenodontomys sim 1 --> (01) (withn terminal)
 1 Ctenomys bolivie 1 --> (01) (withn terminal)
 1 Neophanomys bipl 1 --> (01) (withn terminal)
 1 Pithanotomys col 1 --> (01) (withn terminal)
 1 Octodon degus 1 --> (01) (withn terminal)
 1 Spalacopus cyanu 1 --> (01) (withn terminal)
 1 Abrocoma bennett 1 --> (01) (withn terminal)
 1 Adelphomys candi 1 --> (01) (withn terminal)
 1 Prosthichomys bow 1 --> (01) (withn terminal)
 1 Stichomys regula 1 --> (01) (withn terminal)
 1 Dudumus rui gomez 1 --> (01) (withn terminal)
 1 Pampamys emmonsa 1 --> (01) (withn terminal)
 1 Caviocri cetus lu 1 --> (01) (withn terminal)
 1 Plesi acarechi mys 1 --> (01) (withn terminal)
 1 Sallamys pascual 1 --> (01) (withn terminal)
 1 Mayomys confluen 1 --> (01) (withn terminal)
 1 Eosallamys paula 1 --> (01) (withn terminal)
 1 Shapajamys laboc 1 --> (01) (withn terminal)
 1 Eobranisamys rom 1 --> (01) (withn terminal)
 1 Eobranisamys jav 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys mayo 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 Cachi yacuy kumme 1 --> (01) (withn terminal)
 1 Thryonomys swind 1 --> (01) (withn terminal)
 1 Paraphi omys pi go 1 --> (01) (withn terminal)
 1 Metaphi omys scha 1 --> (01) (withn terminal)
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Reithroparamys d 0 --> (01) (withn terminal)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (withn terminal)
 1 Chapattimys wils 1 --> (01) (withn terminal)
 1 Phi omys hammudai 1 --> (01) (withn terminal)
 1 Cachi yacuy conta 1 --> (01) (withn terminal)

Hsearch_Consensus.out

1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsosteioromys a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branic ki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ri pari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito tril of 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didel ph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Gale a spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)

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93 (Mesostyle on D) 0.833

Hsearch_Consensus.out

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1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 node_209 1 --> 0 node_208
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acri tophi omys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteir omys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteir omys 1 --> (01) (w i t h i n t e r m i n a l )
1 Austral oprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 node_136 1 ==> 0 Luantus propheti
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )

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94 (Surface of the) 0.333

Hsearch_Consensus.out

1 Thrichomys apere 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivie 1 --> (01) (with terminal)
 1 Neophanomys bipl 1 --> (01) (with terminal)
 1 Pi thanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 node_193 1 ==> 0 Sal lamys pascual
 1 Shapajamys laboc 1 --> (01) (with terminal)
 1 Eobrani samys rom 1 --> (01) (with terminal)
 1 Pozomys ucayalie 1 --> (01) (with terminal)
 1 Cachi yacuy kumme 1 --> (01) (with terminal)
 1 Thryonomys swind 0 --> (01) (with terminal)
 95 (*Anterior isol) 1.000
 2 Archetypomys erl 0 --> (012) (with terminal)
 2 Tri bosphenomys m 0 --> (012) (with terminal)
 2 Cocomys ligchaen 0 --> (012) (with terminal)
 2 Reithroparamys d 0 --> (012) (with terminal)
 2 Birbalomys sonda 0 --> (012) (with terminal)
 2 Tamquammys di spi 0 --> (012) (with terminal)
 2 Chapattimys wils 0 --> (012) (with terminal)
 1 node_212 0 ==> 1 node_120
 1 Hodsahibi a azrae 1 --> (01) (with terminal)
 1 node_120 1 ==> 2 'Waslamys' attia
 2 Phi omys hammudai 0 --> (012) (with terminal)
 2 Canaanimys maqui 0 --> (012) (with terminal)
 2 Protosteioromys m 0 --> (012) (with terminal)
 2 Eosteioromys homo 0 --> (012) (with terminal)
 2 Brani samyopsis a 0 --> (012) (with terminal)
 2 Neosteioromys pat 0 --> (012) (with terminal)
 2 Erethizon dorsat 0 --> (012) (with terminal)
 2 Palaeosteioromys 0 --> (012) (with terminal)
 2 Australoprocta f 0 --> (012) (with terminal)
 2 Asteromys punctu 0 --> (012) (with terminal)
 2 Dolichotis patag 0 --> (012) (with terminal)
 2 Hydrochoerus hyd 0 --> (012) (with terminal)
 2 Cavia aperea 0 --> (012) (with terminal)
 2 Galea spixii 0 --> (012) (with terminal)
 2 Neoreomys austra 0 --> (012) (with terminal)
 2 Dasyprocta 0 --> (012) (with terminal)
 2 Cuniculus paca-t 0 --> (012) (with terminal)

Hsearch_Consensus.out

2 Eoincamys pascua 0 --> (012) (w i t h i n
t e r m i n a l)
2 Microscleromys p 0 --> (012) (w i t h i n
t e r m i n a l)
2 Scleromys angust 0 --> (012) (w i t h i n
t e r m i n a l)
2 Drytomomys aequa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Potamarchus muri 0 --> (012) (w i t h i n
t e r m i n a l)
2 Neopebl em a ambr 0 --> (012) (w i t h i n
t e r m i n a l)
2 Chinchilla lani g 0 --> (012) (w i t h i n
t e r m i n a l)
2 Lagidium vi scaci 0 --> (012) (w i t h i n
t e r m i n a l)
2 Lagostomus maxi m 0 --> (012) (w i t h i n
t e r m i n a l)
2 Scleromys osborn 0 --> (012) (w i t h i n
t e r m i n a l)
2 Garri domys curnu 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoviscaccia fras 0 --> (012) (w i t h i n
t e r m i n a l)
2 Scleromys praecu 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys parvus 0 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys syl v 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys val ver 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys ameghi 0 --> (012) (w i t h i n
t e r m i n a l)
2 Draconomys verai 0 --> (012) (w i t h i n
t e r m i n a l)
2 Leucokephal os ze 0 --> (012) (w i t h i n
t e r m i n a l)
2 Platypittamys br 0 --> (012) (w i t h i n
t e r m i n a l)
2 Deseadomys aramb 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Willidewu estepa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchito tril of 0 --> (012) (w i t h i n
t e r m i n a l)
2 Thrichomys apere 0 --> (012) (w i t h i n
t e r m i n a l)
2 Protadelphomys l 0 --> (012) (w i t h i n
t e r m i n a l)
2 Euryzygomatomys 0 --> (012) (w i t h i n
t e r m i n a l)
2 Mesocapromys/Mys 0 --> (012) (w i t h i n
t e r m i n a l)
2 Xenodontomys si m 0 --> (012) (w i t h i n
t e r m i n a l)
2 Ctenomys bol i vi e 0 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 0 --> (012) (w i t h i n
t e r m i n a l)
2 Octodon degus 0 --> (012) (w i t h i n
t e r m i n a l)
2 Spalacopus cyanu 0 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

2 Abrocoma bennett 0 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal)
2 Shapaj a mys l aboc 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 0 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal i e 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal)
2 Thryonomys swi nd 0 --> (012) (wi thi n
termi nal)
96 (*Posterior i so) 0.375 2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys l i gchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi l s 0 --> (012) (wi thi n
termi nal)
1 node_212 0 ==> 1 node_120
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_120 1 ==> 2 'Wasl a mys' attia
2 Phi omys hammudai 0 --> (012) (wi thi n
termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
2 Eoespi na woodi -E 0 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
1 node_130 0 --> 1 node_128
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 1 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 1 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 1 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 0 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 0 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 0 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 0 --> (012) (wi thi n

Hsearch_Consensus.out

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2          Dasyprocta 0 --> terminal)
                        (012) (wi thi n
                        terminal)
2 Cuniculus paca-t 0 --> (012) (wi thi n
                        terminal)
1          node_197 0 ==> 1 node_196
2 Eoincamys pascua 1 --> (012) (wi thi n
                        terminal)
2 Microscleromys p 1 --> (012) (wi thi n
                        terminal)
1          node_153 1 --> 0 node_150
2 Scleromys quadra 0 --> (012) (wi thi n
                        terminal)
2 Scleromys angust 0 --> (012) (wi thi n
                        terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
                        terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
                        terminal)
2 Neoepiblema ambr 0 --> (012) (wi thi n
                        terminal)
2 Chinchilla lanig 0 --> (012) (wi thi n
                        terminal)
2 Lagidium viscaci 0 --> (012) (wi thi n
                        terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
                        terminal)
2 Scleromys osborn 0 --> (012) (wi thi n
                        terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
                        terminal)
2 Eoviscaccia fras 1 --> (012) (wi thi n
                        terminal)
2 Scleromys praecu 1 --> (012) (wi thi n
                        terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
                        terminal)
2 Eoincamys parvus 1 --> (012) (wi thi n
                        terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
                        terminal)
2 Eoincamys val ver 1 --> (012) (wi thi n
                        terminal)
2 Eoincamys ameghi 1 --> (012) (wi thi n
                        terminal)
2 Draconomys verai 1 --> (012) (wi thi n
                        terminal)
2 Leucokephalos ze 1 --> (012) (wi thi n
                        terminal)
1          node_193 1 ==> 2 node_192
2 Platyptamys br 2 --> (012) (wi thi n
                        terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
                        terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
                        terminal)
2 Willidewu estepa 2 --> (012) (wi thi n
                        terminal)
2 Prospani omys pri 2 --> (012) (wi thi n
                        terminal)
2          node_186 2 --> 0 node_183
2 Maruchito tril of 0 --> (012) (wi thi n
                        terminal)
2 Thrichomys apere 0 --> (012) (wi thi n
                        terminal)
2 Protadel phomys l 0 --> (012) (wi thi n
                        terminal)
2 Euryzygomatomys 0 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Mesocapromys/Mys 0 --> terminal
2 Xenodontomys sim 0 --> (012) (with in terminal)
2 Ctenomys bolivi e 0 --> (012) (with in terminal)
2 Neophanomys bipl 0 --> (012) (with in terminal)
2 Pi thanotomys col 0 --> (012) (with in terminal)
2 Octodon degus 0 --> (012) (with in terminal)
2 Spalacopus cyanu 0 --> (012) (with in terminal)
2 Abrocoma bennett 0 --> (012) (with in terminal)
2 Adelphomys candi 2 --> (012) (with in terminal)
2 node_189 2 ==> 0 Pampamys emmonsa
1 node_193 1 ==> 0 Sallamys pascual
1 Mayomys confluen 1 --> (12) (with in terminal)
1 node_201 0 --> 1 node_200
2 Shapajamys laboc 1 --> (012) (with in terminal)
2 Eobranisamys rom 1 --> (012) (with in terminal)
2 Pozomys ucayal i e 0 --> (012) (with in terminal)
2 Tarapotomys suba 0 --> (012) (with in terminal)
2 Cachi yacuy kumme 0 --> (012) (with in terminal)
2 Thryonomys swind 0 --> (012) (with in terminal)
1 Paraphiomys pi go 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_212 0 ==> 1 node_120
1 Hodsahibi a azrae 1 --> (01) (with in terminal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (with in terminal)
1 Eoespina woodi -E 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Eosteioromys homo 1 --> (01) (with in terminal)
1 Brani samyopsis a 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Coendou prehensi 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Dasyprocta 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)

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97 (Anterior arm o) 0.375

Hsearch_Consensus.out

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1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Miroscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_188 0 --> 1 node_187
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sall amys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 node_197 1 ==> 0 Eosall amys paul a
1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranis amys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bibralomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_212 0 ==> 1 node_120

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Hsearch_Consensus.out

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1 Hodsahibi azrae 1 --> (01) (withn terminal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (withn terminal)
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1 Canaanimys maqui 1 --> (01) (withn terminal)
1 Protosteirromys m 1 --> (01) (withn terminal)
1 Eosteirromys homo 1 --> (01) (withn terminal)
1 Brani samyopsis a 1 --> (01) (withn terminal)
1 Neosteirromys pat 1 --> (01) (withn terminal)
1 Erethizon dorsat 1 --> (01) (withn terminal)
1 Coendou prehensi 1 --> (01) (withn terminal)
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Palaeosteirromys 1 --> (01) (withn terminal)
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1 Cavia aperea 0 --> (01) (withn terminal)
1 Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austral 0 --> (01) (withn terminal)
1 Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Incamys bolivian 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1 Scleromys quadra 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Drytomomys aequa 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Dinomys branickei 1 --> (01) (withn terminal)
1 Neoepiblema ambr 1 --> (01) (withn terminal)
1 Chinchilla lanig 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Garri domys curnu 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys ship 1 --> (01) (withn terminal)
1 Eoincamys parvus 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)
1 Sci amys principa 1 --> (01) (withn terminal)
1 Galileomys euryg 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1 Prospaniomys pri 1 --> (01) (withn terminal)
1 Spaniomys ripari 1 --> (01) (withn terminal)
1 Myocastor coypus 1 --> (01) (withn terminal)
1 Proechimys cuvie 1 --> (01) (withn terminal)
1 Maruchito trifol 1 --> (01) (withn terminal)
1 Thrichomys apere 1 --> (01) (withn terminal)
1 Echimyus chrysuru 1 --> (01) (withn terminal)
1 Makalata didelph 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pithanotomys col 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

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1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Sall amys pascual 1 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confl uen 1 --> (01) (w i t h i n t e r m i n a l)
1 node_197 1 ==> 0 Eosall amys paul a
1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranis amys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayal ie 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 node_214 0 --> 1 node_213
1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 Protosteir omys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Eosteir omys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteir omys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Pal aeosteir omys 1 --> (01) (w i t h i n t e r m i n a l)
1 Austral oprocta f 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dol ichoti s patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l)
1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Cuni cul us paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
1 node_142 1 ==> 0 Mi croscl eromys p
1 Scl eromys angust 1 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
1 Scl eromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scl eromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypi ttamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l)
1 Wi lli dewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchi to tri lof 1 --> (01) (w i t h i n t e r m i n a l)
1 Thri chomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)

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99 (Thi rd crest (m) 0.500

Hsearch_Consensus.out

1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 node_208 1 ==> 0 Thryonomys swi nd
100 (Mesoloph on D) 0.429 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cunicul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 node_142 1 ==> 0 Mi croscleromys p
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_192 1 ==> 0 node_191
1 node_188 0 --> 1 node_187
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_196 1 ==> 0 Mayomys confluen
 1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)

101 (Length of the) 1.000

Hsearch_Consensus.out

1 Eoviscaccia frasca 0 --> (01) (with terminal)
 1 Scleromys praecox 0 --> (01) (with terminal)
 1 Eoincamys parvus 0 --> (01) (with terminal)
 1 Chambi ramys sylv 0 --> (01) (with terminal)
 1 Eoincamys valver 0 --> (01) (with terminal)
 1 Eoincamys ameghi 0 --> (01) (with terminal)
 1 Draconomys verai 0 --> (01) (with terminal)
 1 Leucokephalos ze 0 --> (01) (with terminal)
 1 Platypittamys br 0 --> (01) (with terminal)
 1 Deseadomys aramb 0 --> (01) (with terminal)
 1 Sci amys principa 0 --> (01) (with terminal)
 1 Willidewu estepa 0 --> (01) (with terminal)
 1 Prospaniomy s pri 0 --> (01) (with terminal)
 1 Spaniomy s ripari 0 --> (01) (with terminal)
 1 Proechiomy s cuvie 0 --> (01) (with terminal)
 1 Maruchito trilof 0 --> (01) (with terminal)
 1 Thrichomys apere 0 --> (01) (with terminal)
 1 Makalata didelph 0 --> (01) (with terminal)
 1 Protadelphomys l 0 --> (01) (with terminal)
 1 Euryzygomatomys 0 --> (01) (with terminal)
 1 Mesocapromys/Mys 0 --> (01) (with terminal)
 1 Xenodontomys sim 0 --> (01) (with terminal)
 1 Ctenomys bolivi e 0 --> (01) (with terminal)
 1 Neophanomys bipl 0 --> (01) (with terminal)
 1 Pi thanotomys col 0 --> (01) (with terminal)
 1 Octodon degus 0 --> (01) (with terminal)
 1 Spalacopus cyanu 0 --> (01) (with terminal)
 1 Abrocoma bennett 0 --> (01) (with terminal)
 1 Adelphomys candi 0 --> (01) (with terminal)
 1 Dudumus rui gomez 0 --> (01) (with terminal)
 1 Pampamys emmonsa 0 --> (01) (with terminal)
 1 Caviocri cetus lu 0 --> (01) (with terminal)
 1 Plesi acarechi mys 0 --> (01) (with terminal)
 1 Sallamys pascual 0 --> (01) (with terminal)
 1 Mayomys confluen 0 --> (01) (with terminal)
 1 node_200 0 --> 1 node_199
 1 Eobrani samys rom 1 --> (01) (with terminal)
 1 Pozomys ucayalie 0 --> (01) (with terminal)
 1 Tarapotomys mayo 0 --> (01) (with terminal)
 1 Tarapotomys suba 0 --> (01) (with terminal)
 1 Cachi yacuy kumme 0 --> (01) (with terminal)
 1 Thryonomys swind 0 --> (01) (with terminal)
 1 Paraphiomy s pi go 0 --> (01) (with terminal)
 1 Metaphiomy s scha 0 --> (01) (with terminal)
 1 Acritophiomy s bo 0 --> (01) (with terminal)
 1 Baluchimys barry 0 --> (01) (with terminal)
 102 (Lingual conne) 0.857
 1 Cachi yacuy conta 1 --> (01) (with terminal)
 1 node_130 1 --> 0 node_129
 1 node_157 1 --> 2 node_156
 1 Incamys bolivi an 2 --> (02) (with terminal)
 1 node_149 2 --> 0 node_148
 103 (Mesolophule o) 0.429
 1 Stichomys regula 1 --> (01) (with terminal)
 1 Sallamys pascual 1 --> (01) (with terminal)
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Reithroparamys d 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 Chapattimys wils 0 --> (01) (with terminal)
 1 node_214 0 --> 1 node_213
 1 Ottomani a proavi 1 --> (01) (with terminal)
 1 Phiomy s hammudai 1 --> (01) (with terminal)
 1 Cachi yacuy conta 1 --> (01) (with terminal)
 1 Eoespina woodi -E 1 --> (01) (with terminal)
 1 Canaanimys maqui 1 --> (01) (with terminal)
 1 Protosteioromys m 1 --> (01) (with terminal)
 1 Eosteioromys homo 1 --> (01) (with terminal)
 1 Brani samyopsi s a 1 --> (01) (with terminal)
 1 Neosteioromys pat 1 --> (01) (with terminal)
 1 Erethizon dorsat 1 --> (01) (with terminal)

Hsearch_Consensus.out

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1 Steiromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1   node_130 1 --> 0 node_129
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1   Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1   Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1   node_157 1 --> 0 node_156
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata di del ph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bol ivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1   Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1   node_193 1 ==> 0 Sal lamys pascual
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1   node_208 1 ==> 0 Thryonomys swind
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Biralomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 node_212 0 ==> 1 node_120
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiycuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoepeblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platyptamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

105 (Hypocone on D) 1.000

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1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomyys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 node_219 1 --> 0 Tribosphenomys m
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoiviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

106 (Development o) 1.000

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1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_214 0 ==> 1 node_213
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)

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107 (Anterior arm) 1.000

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1 Eosteirromys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Pal aeosteirromys 1 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoepeblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucocephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 node_213 0 --> 1 Ottomani a proavi
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Pal aeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)

108 (Connection of) 1.000

Hsearch_Consensus.out

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1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1   Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1   Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1   Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1   node_204 0 --> 1 node_201
1   node_198 1 --> 0 node_141
1 Protosteironomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteironomys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1   node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1   node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1   node_164 0 --> 1 Acaremys murinus
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1   node_171 0 --> 1 node_170
1   node_168 1 --> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1   node_176 0 --> 1 node_175
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1   node_191 0 --> 1 Ple siacarechi mys
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

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110 (Tendency prot) 0.667

Hsearch_Consensus.out

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1 Erethizon dorsat 0 --> (01) (with in terminal)
1 Chaetomys subsp 0 --> (01) (with in terminal)
1 Palaeosteiromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Incamys bolivi an 0 --> (01) (with in terminal)
1 node_154 0 ==> 1 node_153
1 Scleromys angust 1 --> (01) (with in terminal)
1 Drytomomys aequa 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Neopiblima ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucocephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 node_168 0 ==> 1 Spani omys ripari
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi e 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Eobranisamys rom 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Cachi yacuy kumme 0 --> (01) (with in terminal)
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Phiomys hammudai 0 --> (01) (with in terminal)
1 node_121 0 ==> 1 Eoespina woodi -E
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteiromys m 0 --> (01) (with in terminal)
1 node_127 0 --> 1 node_126
1 Eosteiromys homo 1 --> (01) (with in terminal)
1 Branisamyopsis a 1 --> (01) (with in terminal)
1 Neosteiromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Palaeosteiromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_140 0 --> 1 node_139
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neopeblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1   node_153 0 --> 1 node_152
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1   node_193 0 ==> 1 node_192
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1   node_196 0 ==> 1 Mayomys confluen
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1   node_209 0 --> 1 node_207

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Hsearch_Consensus.out

1 *Phiomys hammudai* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoespina woodi* -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Canaani mys maqui* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Protosteirromys m* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eosteirromys homo* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Branisamyopsis a* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Neosteirromys pat* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Erethizon dorsat* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Coendou prehensi* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chaetomys subspi* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Palaeosteirromys* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Australoprocta f* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Asteromys punctu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Dolichotis patag* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Hydrochoerus hyd* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Cavia aperea* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Galea spixii* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Perimys intermed* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Neoreomys austra* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Cuniculus paca-t* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys pascua* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Microscleromys p* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys quadra* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys angust* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Drytomomys aequa* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Potamarchus muri* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Dinomys branicki* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Neoepiblema ambr* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chinchilla lanig* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Lagidium viscaci* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Lagostomus maxim* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys osborn* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Garri domys curnu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eviscaccia fras* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eviscaccia aust* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys praecu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chambarmys ship* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys parvus* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chambarmys sylv* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys valver* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys ameghi* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Draconomys verai* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Leucokephalos ze* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Platypittamys br* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Deseadomys aramb* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Acaremys murinus* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Sci amys pri ncipa* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Galileomys euryg* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Willidewu estepa* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Prospaniomys pri* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Spaniomys ripari* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Myocastor coypus* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Proechimys cuvie* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Maruchito trilof* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Thrichomys apere* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Echimy s chrysuru* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Makalata didelph* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Protadelphomys l* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Euryzygomatomys* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Mesocapromys/Mys* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Xenodontomys sim* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Ctenomys bolivie* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Neophanomys bipl* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Pi thanotomys col* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Octodon degus* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Spalacopus cyanu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Abrocoma bennett* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Adelphomys candi* 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

113 (Anterior arm) 0.600

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1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cunicul us paca-t 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_161
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomy s pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomy s ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechiomy s cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thrichomy s apere 1 --> (01) (wi thi n termi nal)
 1 Echiomy s chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomy s l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomy s 1 --> (01) (wi thi n termi nal)
 1 Mesocapromy s/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomy s sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomy s bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomy s bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomy s col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomy s candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomy s bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomy s regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocri cetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eosall amy s paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amy s laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal i e 1 --> (01) (wi thi n termi nal)
 1 Tarapotomy s mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomy s suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomy s swi nd 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 2 Archetypomy s erl 0 --> (012) (wi thi n
 termi nal)
 2 Rei throparamy s d 0 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 0 --> (012) (wi thi n
 termi nal)
 2 Chapatti mys wi ls 0 --> (012) (wi thi n
 termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 node_212 0 ==> 1 node_120
 2 node_210 0 ==> 2 node_209
 2 Phi omys hammudai 2 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 2 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 2 --> (012) (wi thi n
 termi nal)
 2 Protostei romys m 2 --> (012) (wi thi n
 termi nal)
 2 Eostei romys homo 2 --> (012) (wi thi n
 termi nal)
 2 Brani samyopsi s a 2 --> (012) (wi thi n
 termi nal)
 2 Neostei romys pat 2 --> (012) (wi thi n
 termi nal)
 2 Erethi zon dorsat 2 --> (012) (wi thi n
 termi nal)
 1 node_127 2 --> 1 Stei romys detent
 2 Hypsostei romys a 2 --> (012) (wi thi n
 termi nal)

114 (*Metacone-pos) 0.375

Hsearch_Consensus.out

2 Chaetomys subspi 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
1 node_138 2 --> 1 Brani samys I uri b
2 Dasyprocta 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
termi nal)
1 node_195 2 --> 1 node_161
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 1 --> (012) (wi thi n
termi nal)
2 Neoepi blema ambr 1 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

2 Draconomys verai 2 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 2 --> (012) (wi thi n
termi nal)
2 Platypi ttamys br 2 --> (012) (wi thi n
termi nal)
2 Deseadomys aramb 2 --> (012) (wi thi n
termi nal)
2 Acaremys muri nus 2 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
termi nal)
2 Gal ileomys euryg 2 --> (012) (wi thi n
termi nal)
2 Wi lli dewu estepa 2 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 2 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 2 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvie 2 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 2 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 2 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 2 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 2 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
2 Octodon degus 2 --> (012) (wi thi n
termi nal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 2 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 2 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 2 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus l u 2 --> (012) (wi thi n
termi nal)
2 Pl esi acarechi mys 2 --> (012) (wi thi n
termi nal)
2 Mayomys confl uen 2 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

2 Eosallamys paula 2 --> (012) (wi thi n
termi nal)
2 Shapaj amys laboc 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys jav 2 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 2 --> (012) (wi thi n
termi nal)
1 node_208 2 --> 1 Paraphi omys pi go
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 node_219 1 --> 0 Tri bosphenomys m
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 node_205 1 --> 0 node_122
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 node_196
1 Eoincamys pasqua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branci ki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)

115 (Metaloph on D) 0.667

Hsearch_Consensus.out

116 (Posterior arm) 0.667

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1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_214 0 --> 1 node_213
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branickei 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

117 (Lingual spur) 0.667

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1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_205 0 ==> 1 node_204
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 node_196
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 ==> 1 node_142
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1      node_165 0 ==> 1 Galileomys euryg
1 Willidewu estepa 0 --> (01) (wi thin terminal)
1 Prospaniomyss pri 0 --> (01) (wi thin terminal)
1 Spaniomyss ripari 0 --> (01) (wi thin terminal)
1 Proechiomyss cuvie 0 --> (01) (wi thin terminal)
1 Maruchito trilof 0 --> (01) (wi thin terminal)
1 Protadelphomys l 0 --> (01) (wi thin terminal)
1 Euryzygomatomys 0 --> (01) (wi thin terminal)
1 Mesocapromys/Mys 0 --> (01) (wi thin terminal)
1 Xenodontomys sim 0 --> (01) (wi thin terminal)
1 Ctenomys bolivi 0 --> (01) (wi thin terminal)
1 Neophanomys bipl 0 --> (01) (wi thin terminal)
1 Pi thanotomys col 0 --> (01) (wi thin terminal)
1 Octodon degus 0 --> (01) (wi thin terminal)
1 Spalacopus cyanu 0 --> (01) (wi thin terminal)
1 Abrocoma bennett 0 --> (01) (wi thin terminal)
1 Adelphomys candi 0 --> (01) (wi thin terminal)
1 Sallamys pascual 0 --> (01) (wi thin terminal)
1 Eobrani samys rom 1 --> (01) (wi thin terminal)
1 Eobrani samys jav 1 --> (01) (wi thin terminal)
1 Pozomys ucayalie 1 --> (01) (wi thin terminal)
1 Tarapotomys mayo 1 --> (01) (wi thin terminal)
1 Cachi yacuy kumme 0 --> (01) (wi thin terminal)
1 Thryonomys swind 0 --> (01) (wi thin terminal)
1 Paraphiomyss pi go 0 --> (01) (wi thin terminal)
1 Metaphiomyss scha 0 --> (01) (wi thin terminal)
1 Acritophiomyss bo 0 --> (01) (wi thin terminal)
118 (Lingual conne) 0.800
1      node_217 1 --> 0 node_216
1      node_212 0 --> 1 node_120
1 Hodsahibi a azrae 1 --> (01) (wi thin terminal)
1 'Waslamys' attia 1 --> (01) (wi thin terminal)
1      node_211 0 --> 3 node_210
2 Cachi yacuy conta 3 --> (023) (wi thin
terminal)
1      node_197 3 --> 0 node_196
1 Sallamys pascual 0 --> (03) (wi thin terminal)
1 Metaphiomyss scha 3 --> (03) (wi thin terminal)
119 (Direct metal o) 1.000
1 Archetypomys erl 0 --> (01) (wi thin terminal)
1 Reithroparamys d 0 --> (01) (wi thin terminal)
1      node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thin terminal)
1 Chapattimys wils 1 --> (01) (wi thin terminal)
1 Phiomyss hammudai 1 --> (01) (wi thin terminal)
1 Eoespina woodi -E 1 --> (01) (wi thin terminal)
1 Canaanimys maqui 1 --> (01) (wi thin terminal)
1 Protosteioromys m 1 --> (01) (wi thin terminal)
1 Eosteioromys homo 1 --> (01) (wi thin terminal)
1 Brani samyopsis a 1 --> (01) (wi thin terminal)
1 Neosteioromys pat 1 --> (01) (wi thin terminal)
1 Erethizon dorsat 1 --> (01) (wi thin terminal)
1 Palaeosteioromys 1 --> (01) (wi thin terminal)
1 Australoprocta f 1 --> (01) (wi thin terminal)
1 Asteromys punctu 1 --> (01) (wi thin terminal)
1 Dolichotis patag 1 --> (01) (wi thin terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thin terminal)
1 Cavia aperea 1 --> (01) (wi thin terminal)
1 Galea spixii 1 --> (01) (wi thin terminal)
1 Perimys intermed 1 --> (01) (wi thin terminal)
1 Neoreomys austra 1 --> (01) (wi thin terminal)
1 Cuniculus paca-t 1 --> (01) (wi thin terminal)
1 Eoincamys pascua 1 --> (01) (wi thin terminal)
1 Microscleromys p 1 --> (01) (wi thin terminal)
1 Scleromys quadra 1 --> (01) (wi thin terminal)
1 Scleromys angust 1 --> (01) (wi thin terminal)
1 Drytomomys aequa 1 --> (01) (wi thin terminal)
1 Potamarchus muri 1 --> (01) (wi thin terminal)
1 Neoeptiblenema ambr 1 --> (01) (wi thin terminal)
1 Chinchilla lani g 1 --> (01) (wi thin terminal)

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Hsearch_Consensus.out

1 Lagidium viscaci 1 --> (01) (within terminal)
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Scleromys osborn 1 --> (01) (within terminal)
 1 Garri domys curnu 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Eoviscaccia aust 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 Chambi ramys ship 1 --> (01) (within terminal)
 1 Eoincamys parvus 1 --> (01) (within terminal)
 1 Chambi ramys sylv 1 --> (01) (within terminal)
 1 Eoincamys valver 1 --> (01) (within terminal)
 1 Eoincamys ameghi 1 --> (01) (within terminal)
 1 Draconomys verai 1 --> (01) (within terminal)
 1 Leucocephalos ze 1 --> (01) (within terminal)
 1 Platypittamys br 1 --> (01) (within terminal)
 1 Deseadomys aramb 1 --> (01) (within terminal)
 1 Acaremys murinus 1 --> (01) (within terminal)
 1 Sci amys pri nci pa 1 --> (01) (within terminal)
 1 Galileomys euryg 1 --> (01) (within terminal)
 1 Willidewu estepa 1 --> (01) (within terminal)
 1 Prospani omys pri 1 --> (01) (within terminal)
 1 Spani omys ri pari 1 --> (01) (within terminal)
 1 Myocastor coypus 1 --> (01) (within terminal)
 1 Proechimys cuvie 1 --> (01) (within terminal)
 1 Maruchito trilof 1 --> (01) (within terminal)
 1 Thrichomys apere 1 --> (01) (within terminal)
 1 Echimy s chrysuru 1 --> (01) (within terminal)
 1 Makalata di del ph 1 --> (01) (within terminal)
 1 Protadelphomys l 1 --> (01) (within terminal)
 1 Euryzygomatomys 1 --> (01) (within terminal)
 1 Mesocapromys/Mys 1 --> (01) (within terminal)
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivie 1 --> (01) (within terminal)
 1 Neophanomys bipl 1 --> (01) (within terminal)
 1 Pi thanotomys col 1 --> (01) (within terminal)
 1 Octodon degus 1 --> (01) (within terminal)
 1 Spalacopus cyanu 1 --> (01) (within terminal)
 1 Abrocoma bennett 1 --> (01) (within terminal)
 1 Adelphomys candi 1 --> (01) (within terminal)
 1 Prosti chomys bow 1 --> (01) (within terminal)
 1 Sti chomys regula 1 --> (01) (within terminal)
 1 Dudumus rui gomez 1 --> (01) (within terminal)
 1 Pampamys emmonsa 1 --> (01) (within terminal)
 1 Cavi ocri cetus lu 1 --> (01) (within terminal)
 1 Plesi acarechi mys 1 --> (01) (within terminal)
 1 Mayomys confl uen 1 --> (01) (within terminal)
 1 Eobranisamys rom 1 --> (01) (within terminal)
 1 Pozomys ucayalie 1 --> (01) (within terminal)
 1 Tarapotomys suba 1 --> (01) (within terminal)
 1 Cachi yacuy kumme 1 --> (01) (within terminal)
 2 Archetypomys erl 1 --> (012) (within terminal)
 2 Cocomys ligchaen 1 --> (012) (within terminal)
 2 Chapattimys wils 1 --> (012) (within terminal)
 1 node_213 1 --> 0 node_212
 2 Bugtimys zafarul 0 --> (012) (within terminal)
 2 Hodsahibi a azrae 0 --> (012) (within terminal)
 1 node_211 0 --> 1 node_210
 2 Phi omys hammudai 1 --> (012) (within terminal)
 2 Cachi yacuy conta 1 --> (012) (within terminal)
 2 Eoespi na woodi -E 1 --> (012) (within terminal)

120 (*Size of M1/M) 0.125

Hsearch_Consensus.out

2 Canani mys maqui 1 --> (012) (wi thi n
termi nal)

2 Protostei romys m 1 --> (012) (wi thi n
termi nal)

1 node_124 1 --> 0 node_123

2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)

1 node_127 1 ==> 0 Stei romys detent

1 node_130 1 --> 2 node_129

2 Hypsostei romys a 2 --> (012) (wi thi n
termi nal)

2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)

2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)

2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)

1 node_139 1 ==> 0 Cuni cul us paca-t

2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)

2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)

2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)

2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)

1 node_144 1 ==> 0 Potamarchus muri

2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)

2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)

2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)

2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)

2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)

2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)

2 Draconomys verai 1 --> (012) (wi thi n
termi nal)

2 Leucokephal os ze 1 --> (012) (wi thi n
termi nal)

1 node_163 1 ==> 0 Pl atypi ttamys br

2 Gal i leomys euryg 1 --> (012) (wi thi n
termi nal)

1 node_167 1 ==> 0 Will i dewu estepa

1 node_169 1 ==> 0 node_168

2 Maruchi to tril of 1 --> (012) (wi thi n
termi nal)

1 node_174 1 ==> 0 Protadel phomys l

2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)

1 node_185 1 ==> 0 Adel phomys candi

2 Dudumus rui gomez 1 --> (012) (wi thi n
termi nal)

1 node_191 1 ==> 0 Pl esi acarechi mys

2 Mayomys confl uen 1 --> (012) (wi thi n
termi nal)

1 node_197 1 --> 0 Eosal l amys paul a

1 node_201 1 --> 0 node_200

2 Shapaj amys l aboc 0 --> (012) (wi thi n
termi nal)

2 Eobrani samys j av 0 --> (012) (wi thi n

Hsearch_Consensus.out

2 Pozomys ucayal i e 1 --> terminal
 (012) (wi thi n terminal)
 2 Tarapotomys mayo 1 --> (012) (wi thi n terminal)
 2 Tarapotomys suba 1 --> (012) (wi thi n terminal)
 2 Cachi yacuy kumme 1 --> (012) (wi thi n terminal)
 1 node_208 1 --> 0 Thryonomys swi nd
 2 Bal uchi mys barry 1 --> (012) (wi thi n terminal)
 2 Archetypomys erl 1 --> (012) (wi thi n terminal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n terminal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n terminal)
 2 Chapattimys wils 1 --> (012) (wi thi n terminal)
 2 Ottomani a proavi 1 --> (012) (wi thi n terminal)
 2 Bugti mys zafarul 1 --> (012) (wi thi n terminal)
 2 Hodsahi bi a azrae 1 --> (012) (wi thi n terminal)
 1 node_209 1 --> 0 node_207
 2 Phi omys hammudai 0 --> (012) (wi thi n terminal)
 2 Cachi yacuy conta 0 --> (012) (wi thi n terminal)
 2 Eoespi na woodi -E 0 --> (012) (wi thi n terminal)
 2 Canaani mys maqui 0 --> (012) (wi thi n terminal)
 2 Protostei romys m 0 --> (012) (wi thi n terminal)
 1 node_127 0 --> 1 node_126
 2 Brani samyopsi s a 1 --> (012) (wi thi n terminal)
 1 node_125 1 ==> 2 Erethi zon dorsat
 2 Hypsostei romys a 0 --> (012) (wi thi n terminal)
 2 Pal aeostei romys 0 --> (012) (wi thi n terminal)
 1 node_138 0 --> 1 node_137
 2 Austral oprocta f 1 --> (012) (wi thi n terminal)
 1 node_137 1 --> 2 node_136
 2 Luantus propheti 2 --> (012) (wi thi n terminal)
 2 Asteromys punctu 2 --> (012) (wi thi n terminal)
 1 node_139 0 --> 1 Dasyprocta
 1 node_198 0 --> 1 node_197
 2 Eoi ncamys pascua 1 --> (012) (wi thi n terminal)
 1 node_154 1 --> 0 node_142
 2 Mi croscl eromys p 0 --> (012) (wi thi n terminal)
 1 node_153 1 --> 2 node_150
 2 Scl eromys quadra 2 --> (012) (wi thi n terminal)
 2 Scl eromys angust 2 --> (012) (wi thi n terminal)
 1 node_144 2 ==> 1 Drytomomys aequa
 2 Scl eromys osborn 2 --> (012) (wi thi n terminal)

121 (*Si ze of M3/M) 0.130

Hsearch_Consensus.out

```

2 Eoviscaccia frasca 1 --> (012) (with terminal)
2 Scleromys praecus 1 --> (012) (with terminal)
2 Chambi ramys shipp 1 --> (012) (with terminal)
2 Eoincamys parvus 1 --> (012) (with terminal)
2 Chambi ramys sylva 1 --> (012) (with terminal)
2 Eoincamys valver 1 --> (012) (with terminal)
2 Eoincamys ameghi 1 --> (012) (with terminal)
1 node_194 1 --> 2 node_162
2 Leucokephalos ze 2 --> (012) (with terminal)
1 node_193 1 --> 0 node_192
1 node_163 0 --> 1 Deseadomys aramb
1 node_164 0 --> 1 Acaremys murinus
2 Galileomys euryg 0 --> (012) (with terminal)
1 node_190 0 --> 1 node_189
2 Maruchitotrilof 1 --> (012) (with terminal)
1 node_171 1 ==> 0 Thrichomys apere
1 node_174 1 ==> 0 Protadelphomys l
1 node_177 1 ==> 0 Ctenomys bolivie
2 Neophanomys bip 1 --> (012) (with terminal)
1 node_180 1 --> 0 node_179
2 Pithanotomys col 0 --> (012) (with terminal)
1 Spalacopus cyanu 1 --> (12) (with terminal)
1 node_183 1 ==> 2 Abrocoma bennett
1 node_186 1 --> 0 node_185
1 node_184 0 --> 1 Stichomys regula
2 Dudumus rui gomez 1 --> (012) (with terminal)
2 Plesiacaechi mys 0 --> (012) (with terminal)
2 Mayomys confluen 1 --> (012) (with terminal)
2 Shapajamys laboc 0 --> (012) (with terminal)
2 Eobrani samys jav 0 --> (012) (with terminal)
2 Pozomys ucayalie 0 --> (012) (with terminal)
2 Tarapotomys mayo 0 --> (012) (with terminal)
2 Tarapotomys suba 0 --> (012) (with terminal)
2 Cachi yacuy kumme 0 --> (012) (with terminal)
2 Baluchimys barry 1 --> (012) (with terminal)
1 node_213 0 ==> 1 node_212
1 node_210 1 ==> 0 node_209
1 node_121 0 ==> 1 Eoespina woodi -E
1 node_205 0 ==> 1 node_204
1 node_127 1 --> 0 node_126
1 node_125 0 --> 1 Coendou prehensi
1 Australoprocta f 1 --> (01) (with terminal)
1 Asteromys punctu 1 --> (01) (with terminal)
1 Cavia aperea 1 --> (01) (with terminal)
1 node_134 1 ==> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (with terminal)

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122 (M1 length/wid) 0.071

Hsearch_Consensus.out

1 node_196 1 ==> 0 node_195
1 node_160 0 ==> 1 node_159
1 node_156 1 ==> 0 Eoi ncamys pascua
1 node_147 1 ==> 0 Lagostomus maxi m
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_163 0 ==> 1 Platypi ttamys br
1 node_165 0 ==> 1 node_164
1 node_192 0 ==> 1 node_191
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
123 (M2 l ength/wi d) 0.154
1 node_212 0 ==> 1 node_120
1 node_198 0 ==> 1 node_141
1 node_128 1 ==> 0 node_127
1 node_125 0 ==> 1 Coendou prehensi
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 node_134 1 ==> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 node_138 1 ==> 0 Brani samys luri b
1 node_160 0 ==> 1 node_159
1 node_147 1 ==> 0 Lagostomus maxi m
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_165 0 ==> 1 node_164
1 node_192 0 ==> 1 node_191
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 node_188 1 ==> 0 Dudumus rui gomez
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
124 (Labi al peri ci) 1.000
1 node_203 0 ==> 1 node_202
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_218 0 ==> 1 Cocomys ligchaen
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
125 (Parastyle on) 0.842
1 node_219 1 --> 0 Archetypomys erl
1 node_219 1 --> 0 Tri bosphenomys m
1 node_216 1 ==> 0 node_215
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Eoste i romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_138 0 ==> 1 Brani samys luri b

Hsearch_Consensus.out

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1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys brani cki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambarmys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambarmys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys princi pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_186 0 --> 1 node_183
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata dí del ph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swi nd 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_216 0 --> 1 node_215
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )

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126 (Height the pa) 1.000

Hsearch_Consensus.out

1	Erethizon dorsat	1	-->	(01)	(with in terminal)
1	Coendou prehensi	1	-->	(01)	(with in terminal)
1	Steiromys detent	1	-->	(01)	(with in terminal)
1	Hypsosteiromys a	1	-->	(01)	(with in terminal)
1	Chaetomys subspi	1	-->	(01)	(with in terminal)
1	Palaeosteiromys	1	-->	(01)	(with in terminal)
1	Australoprocta f	1	-->	(01)	(with in terminal)
1	Luantus propheti	1	-->	(01)	(with in terminal)
1	Asteromys punctu	1	-->	(01)	(with in terminal)
1	Dolichotis patag	1	-->	(01)	(with in terminal)
1	Hydrochoerus hyd	1	-->	(01)	(with in terminal)
1	Cavia aperea	1	-->	(01)	(with in terminal)
1	Galea spixii	1	-->	(01)	(with in terminal)
1	Perimys intermed	1	-->	(01)	(with in terminal)
1	Neoreomys austra	1	-->	(01)	(with in terminal)
1	Dasyprocta	1	-->	(01)	(with in terminal)
1	Cuniculus paca-t	1	-->	(01)	(with in terminal)
1	Microscleromys p	1	-->	(01)	(with in terminal)
1	Scleromys quadra	1	-->	(01)	(with in terminal)
1	Scleromys angust	1	-->	(01)	(with in terminal)
1	Drytomomys aequa	1	-->	(01)	(with in terminal)
1	Potamarchus muri	1	-->	(01)	(with in terminal)
1	Dinomys branicki	1	-->	(01)	(with in terminal)
1	Neopiblema ambr	1	-->	(01)	(with in terminal)
1	Chinchilla lanig	1	-->	(01)	(with in terminal)
1	Lagidium viscaci	1	-->	(01)	(with in terminal)
1	Lagostomus maxim	1	-->	(01)	(with in terminal)
1	Scleromys osborn	1	-->	(01)	(with in terminal)
1	Garridomys curnu	1	-->	(01)	(with in terminal)
1	Eviscaccia fras	1	-->	(01)	(with in terminal)
1	Eviscaccia aust	1	-->	(01)	(with in terminal)
1	Scleromys praecu	1	-->	(01)	(with in terminal)
1	Eoincamys valver	1	-->	(01)	(with in terminal)
1	Eoincamys ameghi	1	-->	(01)	(with in terminal)
1	Draconomys verai	1	-->	(01)	(with in terminal)
1	Leucokephalos ze	1	-->	(01)	(with in terminal)
1	Platypitmys br	1	-->	(01)	(with in terminal)
1	Deseadomys aramb	1	-->	(01)	(with in terminal)
1	Acaremys murinus	1	-->	(01)	(with in terminal)
1	Sciomyz principa	1	-->	(01)	(with in terminal)
1	Galileomys euryg	1	-->	(01)	(with in terminal)
1	Willidewu estepa	1	-->	(01)	(with in terminal)
1	Prospaniomyz pri	1	-->	(01)	(with in terminal)
1	Spaniomyz ripari	1	-->	(01)	(with in terminal)
1	Myocastor coypus	1	-->	(01)	(with in terminal)
1	Maruchito trilof	1	-->	(01)	(with in terminal)
1	Thrichomys apere	1	-->	(01)	(with in terminal)
1	Echimyomys chrysuru	1	-->	(01)	(with in terminal)
1	Makalata didelph	1	-->	(01)	(with in terminal)
1	Protadelphomys l	1	-->	(01)	(with in terminal)
1	Euryzygomatomys	1	-->	(01)	(with in terminal)
1	Mesocapromys/Mys	1	-->	(01)	(with in terminal)
1	Xenodontomys sim	1	-->	(01)	(with in terminal)
1	Ctenomys bolivie	1	-->	(01)	(with in terminal)
1	Neophanomys bipl	1	-->	(01)	(with in terminal)
1	Pi thanotomys col	1	-->	(01)	(with in terminal)
1	Octodon degus	1	-->	(01)	(with in terminal)
1	Spalacopus cyanu	1	-->	(01)	(with in terminal)
1	Abrocoma bennett	1	-->	(01)	(with in terminal)
1	Adelphomys candi	1	-->	(01)	(with in terminal)
1	Prostichomys bow	1	-->	(01)	(with in terminal)
1	Stichomys regula	1	-->	(01)	(with in terminal)
1	Dudumus rui gomez	1	-->	(01)	(with in terminal)
1	Pampamys emmonsa	1	-->	(01)	(with in terminal)
1	Caviocricetus lu	1	-->	(01)	(with in terminal)
1	Plesi carechi mys	1	-->	(01)	(with in terminal)
1	Shapajamys laboc	1	-->	(01)	(with in terminal)
1	Eobranisamys rom	1	-->	(01)	(with in terminal)

Hsearch_Consensus.out

1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
127 (Anterostyle o) 0.333
1 node_219 0 ==> 1 Archetypomys erl
1 node_216 0 ==> 1 Tamquammys di spi
1 node_213 0 ==> 1 Ottomani a proavi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
128 (*Anteroci ngul) 0.750
1 node_215 0 ==> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 node_210 1 --> 2 node_209
1 node_207 2 --> 1 Phi omys hammudai
2 Asteromys punctu 2 --> (012) (wi thi n termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n termi nal)
2 Eovi scacci a fras 2 --> (012) (wi thi n termi nal)
2 Leucokephal os ze 2 --> (012) (wi thi n termi nal)

Hsearch_Consensus.out

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2 Xenodontomys sim 2 --> (012) (wi thi n
    terminal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
    terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
    terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
    terminal)
2 Octodon degus 2 --> (012) (wi thi n
    terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
    terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
    terminal)
129 (Length of the) 0.250
1 node_218 0 --> 1 Cocomys ligchaen
1 node_217 0 --> 1 node_118
1 node_215 0 --> 1 Chapattimys wils
1 node_213 0 --> 1 Ottomani a proavi
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dolichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galea spixii 0 --> (01) (wi thi n terminal)
1 Lagostomus maxim 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 Xenodontomys sim 0 --> (01) (wi thi n terminal)
1 Ctenomys bol i vie 0 --> (01) (wi thi n terminal)
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
1 Pi thanotomys col 0 --> (01) (wi thi n terminal)
1 Octodon degus 0 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 0 --> (01) (wi thi n terminal)
1 Abrocoma bennett 0 --> (01) (wi thi n terminal)
130 (Anteroci ngul u) 0.700
1 node_216 0 ==> 1 node_215
1 'Waslamys' attia 1 --> (01) (wi thi n terminal)
1 node_212 1 ==> 0 node_211
1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
1 node_128 0 ==> 1 node_127
1 node_124 1 ==> 0 Eosteir omys homo
1 Hypsosteir omys a 0 --> (01) (wi thi n terminal)
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dolichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galea spixii 0 --> (01) (wi thi n terminal)
1 Neoreomys austra 0 --> (01) (wi thi n terminal)
1 Dasyprocta 0 --> (01) (wi thi n terminal)
1 Microscleromys p 0 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 0 --> (01) (wi thi n terminal)
1 Scleromys osborn 0 --> (01) (wi thi n terminal)
1 Garri domys curnu 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n terminal)
1 Thri chomys apere 0 --> (01) (wi thi n terminal)
1 Xenodontomys sim 0 --> (01) (wi thi n terminal)
1 Ctenomys bol i vie 0 --> (01) (wi thi n terminal)
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
1 Pi thanotomys col 0 --> (01) (wi thi n terminal)
1 Octodon degus 0 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 0 --> (01) (wi thi n terminal)
1 Abrocoma bennett 0 --> (01) (wi thi n terminal)
1 Plesi acarechi mys 0 --> (01) (wi thi n terminal)
1 Mayomys confl uen 0 --> (01) (wi thi n terminal)
131 (Anteroci ngul u) 0.500
1 node_216 0 ==> 1 node_215
1 node_213 1 ==> 0 Ottomani a proavi
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Dolichotis patag 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
132 (Anteroci ngul u) 1.000
1   node_215 0 ==> 1 node_214
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
133 (Lingual anter) 0.333
1   node_219 1 --> 0 Archetypomys erl
1   node_219 1 --> 0 Tri bosphenomys m
1   node_215 1 --> 0 node_214
1   node_213 0 --> 1 Ottomani a proavi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
134 (Anterior arm ) 1.000
1   node_213 0 ==> 1 node_212
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Neoreomys australis 1 --> (01) (with terminal)
 1 Braniamsys luri 1 --> (01) (with terminal)
 1 Dasyprocta 1 --> (01) (with terminal)
 1 Cuniculus paca-t 1 --> (01) (with terminal)
 1 Eoincamys pascua 1 --> (01) (with terminal)
 1 Microscleromys p 1 --> (01) (with terminal)
 1 Scleromys quadra 1 --> (01) (with terminal)
 1 Scleromys angust 1 --> (01) (with terminal)
 1 Drytomomys aequa 1 --> (01) (with terminal)
 1 Potamarchus muri 1 --> (01) (with terminal)
 1 Dinomys branicki 1 --> (01) (with terminal)
 1 Neopiblema ambr 1 --> (01) (with terminal)
 1 Chinchilla lanig 1 --> (01) (with terminal)
 1 Lagidium viscaci 1 --> (01) (with terminal)
 1 Lagostomus maxim 1 --> (01) (with terminal)
 1 Scleromys osborn 1 --> (01) (with terminal)
 1 Garridomys curru 1 --> (01) (with terminal)
 1 Eoviscaccia fras 1 --> (01) (with terminal)
 1 Eoviscaccia aust 1 --> (01) (with terminal)
 1 Scleromys praecu 1 --> (01) (with terminal)
 1 Chambi ramys shi p 1 --> (01) (with terminal)
 1 Chambi ramys sylv 1 --> (01) (with terminal)
 1 Eoincamys ameghi 1 --> (01) (with terminal)
 1 Draconomys verai 1 --> (01) (with terminal)
 1 Leucokephalos ze 1 --> (01) (with terminal)
 1 Platypitmys br 1 --> (01) (with terminal)
 1 Deseadomys aramb 1 --> (01) (with terminal)
 1 Acaremys murinus 1 --> (01) (with terminal)
 1 Sci amys principa 1 --> (01) (with terminal)
 1 Galileomys euryg 1 --> (01) (with terminal)
 1 Willidewu estepa 1 --> (01) (with terminal)
 1 Prospaniomy s pri 1 --> (01) (with terminal)
 1 Spaniomy s ri pari 1 --> (01) (with terminal)
 1 Myocastor coypus 1 --> (01) (with terminal)
 1 Proechimys cuvie 1 --> (01) (with terminal)
 1 Maruchito trilof 1 --> (01) (with terminal)
 1 Thrichomys apere 1 --> (01) (with terminal)
 1 Echimy s chrysuru 1 --> (01) (with terminal)
 1 Makalata didelph 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Euryzygomatomys 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivi e 1 --> (01) (with terminal)
 1 Neophanomys bipl 1 --> (01) (with terminal)
 1 Pi thanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 Prosthichomys bow 1 --> (01) (with terminal)
 1 Stichomys regula 1 --> (01) (with terminal)
 1 Dudumus rui gomez 1 --> (01) (with terminal)
 1 Pampamys emmonsa 1 --> (01) (with terminal)
 1 Caviocricetus lu 1 --> (01) (with terminal)
 1 Plesi carechi mys 1 --> (01) (with terminal)
 1 Sallamys pascual 1 --> (01) (with terminal)
 1 Eosallamys paula 1 --> (01) (with terminal)
 1 Eobraniamsys rom 1 --> (01) (with terminal)
 1 Eobraniamsys jav 1 --> (01) (with terminal)
 1 Pozomys ucayalie 1 --> (01) (with terminal)
 1 Tarapotomys suba 1 --> (01) (with terminal)
 1 Cachi yacuy kumme 1 --> (01) (with terminal)
 1 Thryonomys swind 1 --> (01) (with terminal)
 1 Paraphiomy s pi go 1 --> (01) (with terminal)
 1 node_215 0 --> 1 node_214
 1 node_213 1 --> 0 Ottomani a proavi
 1 node_213 1 ==> 2 node_212

Hsearch_Consensus.out

	1	node_119	2	==>	1	Hodsahi bi a azrae
	2	Asteromys punctu	2	-->	(012)	(wi thi n termi nal)
	2	Dolichotis patag	2	-->	(012)	(wi thi n termi nal)
	2	Hydrochoerus hyd	2	-->	(012)	(wi thi n termi nal)
	2	Cavia aperea	2	-->	(012)	(wi thi n termi nal)
	2	Galea spi xi i	2	-->	(012)	(wi thi n termi nal)
	2	Lagostomus maxi m	2	-->	(012)	(wi thi n termi nal)
	2	Eovi scacci a fras	2	-->	(012)	(wi thi n termi nal)
	2	Leucokephal os ze	2	-->	(012)	(wi thi n termi nal)
	2	Xenodontomys si m	2	-->	(012)	(wi thi n termi nal)
	2	Ctenomys bol i vi e	2	-->	(012)	(wi thi n termi nal)
	2	Neophanomys bi pl	2	-->	(012)	(wi thi n termi nal)
	2	Pi thanotomys col	2	-->	(012)	(wi thi n termi nal)
	2	Octodon degus	2	-->	(012)	(wi thi n termi nal)
	2	Spalacopus cyanu	2	-->	(012)	(wi thi n termi nal)
	2	Abrocoma bennett	2	-->	(012)	(wi thi n termi nal)
136 (Outgrowth of) 1.000	1	node_219	1	-->	0	Archetypomys erl
	1	node_219	1	-->	0	Tri bosphenomys m
	1	Chaetomys subspi	1	-->	(01)	(wi thi n termi nal)
	1	Asteromys punctu	1	-->	(01)	(wi thi n termi nal)
	1	Dolichotis patag	1	-->	(01)	(wi thi n termi nal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n termi nal)
	1	Cavia aperea	1	-->	(01)	(wi thi n termi nal)
	1	Galea spi xi i	1	-->	(01)	(wi thi n termi nal)
	1	Lagostomus maxi m	1	-->	(01)	(wi thi n termi nal)
	1	Eovi scacci a fras	1	-->	(01)	(wi thi n termi nal)
	1	Draconomys verai	1	-->	(01)	(wi thi n termi nal)
	1	Leucokephal os ze	1	-->	(01)	(wi thi n termi nal)
	1	Xenodontomys si m	1	-->	(01)	(wi thi n termi nal)
	1	Ctenomys bol i vi e	1	-->	(01)	(wi thi n termi nal)
	1	Neophanomys bi pl	1	-->	(01)	(wi thi n termi nal)
	1	Pi thanotomys col	1	-->	(01)	(wi thi n termi nal)
	1	Octodon degus	1	-->	(01)	(wi thi n termi nal)
	1	Spalacopus cyanu	1	-->	(01)	(wi thi n termi nal)
	1	Abrocoma bennett	1	-->	(01)	(wi thi n termi nal)
137 (Length of the) 1.000	1	Archetypomys erl	0	-->	(01)	(wi thi n termi nal)
	1	Tri bosphenomys m	0	-->	(01)	(wi thi n termi nal)
	1	Rei throparamys d	0	-->	(01)	(wi thi n termi nal)
	1	node_214	0	==>	1	node_213
	1	Chaetomys subspi	1	-->	(01)	(wi thi n termi nal)
	1	Asteromys punctu	1	-->	(01)	(wi thi n termi nal)
	1	Dolichotis patag	1	-->	(01)	(wi thi n termi nal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n termi nal)
	1	Cavia aperea	1	-->	(01)	(wi thi n termi nal)
	1	Galea spi xi i	1	-->	(01)	(wi thi n termi nal)
	1	Lagostomus maxi m	1	-->	(01)	(wi thi n termi nal)
	1	Eovi scacci a fras	1	-->	(01)	(wi thi n termi nal)
	1	Draconomys verai	1	-->	(01)	(wi thi n termi nal)
	1	Leucokephal os ze	1	-->	(01)	(wi thi n termi nal)
	1	Prospani omys pri	1	-->	(01)	(wi thi n termi nal)
	1	Xenodontomys si m	1	-->	(01)	(wi thi n termi nal)
	1	Ctenomys bol i vi e	1	-->	(01)	(wi thi n termi nal)
	1	Neophanomys bi pl	1	-->	(01)	(wi thi n termi nal)

Hsearch_Consensus.out

138 (Outgrowth of) 0.500

1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 --> 0 Tri bosphenomys m
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 139 (Length of the) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 node_214 0 --> 1 node_213
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 node_120 1 --> 0 'Wasl amys' attia
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 141 (Length of the) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 node_214 0 ==> 1 node_213
 1 node_120 1 ==> 0 'Wasl amys' attia
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

```

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1     node_120 0 ==> 1 node_119
1     node_122 0 --> 1 node_121
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1     node_198 0 ==> 1 node_141
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1     node_124 1 ==> 0 node_123
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1     Cavi a aperea 1 --> (01) (wi thi n termi nal)
1     Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1     Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1     node_193 0 ==> 1 node_192
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1     node_165 1 ==> 0 Gal i leomys euryg
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1     node_169 1 ==> 0 Proechi mys cuvi e
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1     Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

143 (Thickness of) 0.643

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1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 node_214 0 ==> 1 Baluchimys barry
1 node_215 0 ==> 1 node_214
1 node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_126 0 --> 1 node_124
1 Eosteiomys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteiomys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Steiomys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteiomys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteiomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperrea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_153
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciomys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_188 0 --> 1 node_187
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trifol 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacaraechimys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 node_202 0 ==> 1 Tarapotomys suba
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acriptomys bo 0 --> (01) (wi thi n termi nal)
144 (Protoconule o) 1.000
1 node_217 0 ==> 1 node_216
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
145 (Labial protol) 1.000
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 node_174 0 ==> 1 Euryzygomatomys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
146 (Orientation o) 0.814
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 node_207 0 ==> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 node_141 1 --> 2 node_130
1 Brani samyopsis a 2 --> (12) (wi thi n termi nal)
1 Erethizon dorsat 2 --> (12) (wi thi n termi nal)
1 Coendou prehensi 2 --> (12) (wi thi n termi nal)
1 Hypsosteiromys a 2 --> (12) (wi thi n termi nal)
1 node_129 2 ==> 0 Chaetomys subspi
1 node_141 1 ==> 0 node_140
2 Australoprocta f 0 --> (012) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (02) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 node_152 1 ==> 2 Garri domys curnu
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Platypittamys br 1 --> (12) (within terminal)
 1 node_164 1 ==> 0 Acaremys murinus
 1 Willidewu estepa 1 --> (12) (within terminal)
 1 node_187 1 ==> 2 Prospaniomyss pri
 1 Spaniomyss ripari 1 --> (12) (within terminal)
 1 node_169 1 ==> 0 Proechimys cuvie
 1 Maruchito trilof 1 --> (01) (within terminal)
 1 Thrichomys apere 1 --> (01) (within terminal)
 1 node_174 1 ==> 0 Euryzygomatomys
 1 Mesocapromys/Mys 1 --> (01) (within terminal)
 1 Dudumus ruigomez 1 --> (12) (within terminal)
 1 Pampanmys emmonsa 1 --> (12) (within terminal)
 1 Plesiacaarechimyss 1 --> (12) (within terminal)
 2 Sallamys pascual 1 --> (012) (within terminal)
 2 Mayomys confluen 1 --> (012) (within terminal)
 1 Eosallamys paula 1 --> (01) (within terminal)
 1 Shapajamys laboc 1 --> (01) (within terminal)
 1 Eobranisamys rom 1 --> (01) (within terminal)
 1 Eobranisamys jav 1 --> (01) (within terminal)
 1 node_203 1 ==> 2 Pozomys ucayalie
 1 Tarapotomys mayo 1 --> (01) (within terminal)
 1 Tarapotomys suba 1 --> (01) (within terminal)
 1 Eoespina woodi -E 0 --> (01) (within terminal)
 1 node_122 0 ==> 1 Canaanimyss maqui
 1 node_124 0 --> 1 node_123
 1 Neosteioromys pat 1 --> (01) (within terminal)
 1 Australoprocta f 0 --> (01) (within terminal)
 1 Asteromys punctu 0 --> (01) (within terminal)
 1 Dolichotis patag 0 --> (01) (within terminal)
 1 Hydrochoerus hyd 0 --> (01) (within terminal)
 1 Cavia aperea 0 --> (01) (within terminal)
 1 Galea spixii 0 --> (01) (within terminal)
 1 node_138 0 ==> 1 Branisamys luri b
 1 node_160 0 ==> 1 node_159
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Eoviscaccia aust 1 --> (01) (within terminal)
 1 Eoincamys ameghi 0 --> (01) (within terminal)
 1 Leucokephalos ze 0 --> (01) (within terminal)
 1 Deseadomys aramb 0 --> (01) (within terminal)
 1 Proechimys cuvie 0 --> (01) (within terminal)
 1 Protadelphomys l 0 --> (01) (within terminal)
 1 Xenodontomys sim 0 --> (01) (within terminal)
 1 Ctenomys bolivi e 0 --> (01) (within terminal)
 1 Neophanomys bipl 0 --> (01) (within terminal)
 1 Pi thanotomys col 0 --> (01) (within terminal)
 1 Octodon degus 0 --> (01) (within terminal)
 1 Spalacopus cyanu 0 --> (01) (within terminal)
 1 Abrocoma bennett 0 --> (01) (within terminal)
 1 node_200 0 ==> 1 node_199
 1 node_203 0 ==> 1 Pozomys ucayalie
 1 Tarapotomys mayo 0 --> (01) (within terminal)
 1 node_215 1 ==> 2 node_214
 2 Canaanimyss maqui 2 --> (012) (within terminal)
 2 Branisamyopsis a 2 --> (012) (within terminal)
 2 Neosteioromys pat 2 --> (012) (within terminal)
 2 Chaetomys subspi 2 --> (012) (within terminal)
 2 Australoprocta f 2 --> (012) (within terminal)
 2 Asteromys punctu 2 --> (012) (within terminal)
 2 Dolichotis patag 2 --> (012) (within terminal)

147 (Lingual proto) 0.643

148 (*Height of th) 0.571

Hsearch_Consensus.out

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2 Hydrochoerus hyd 2 --> terminal)
2 Cavia aperea 2 --> (012) (wi thi n
terminal)
2 Galea spi xi i 2 --> (012) (wi thi n
terminal)
2 Perimys intermed 2 --> (012) (wi thi n
terminal)
2 Neoreomys austra 2 --> (012) (wi thi n
terminal)
2 Brani samys luri b 2 --> (012) (wi thi n
terminal)
2 node_140 2 --> 0 node_139
2 Dasyprocta 0 --> (012) (wi thi n
terminal)
2 Eoincamys pascua 2 --> (012) (wi thi n
terminal)
2 Incamys bol i vi an 2 --> (012) (wi thi n
terminal)
2 Microscleromys p 2 --> (012) (wi thi n
terminal)
2 Scleromys quadra 2 --> (012) (wi thi n
terminal)
2 Scleromys angust 2 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 2 --> (012) (wi thi n
terminal)
2 Potamarchus muri 2 --> (012) (wi thi n
terminal)
2 Dinomys brani cki 2 --> (012) (wi thi n
terminal)
2 Neoepl emma ambr 2 --> (012) (wi thi n
terminal)
2 Chinchilla lani g 2 --> (012) (wi thi n
terminal)
2 Lagidium viscaci 2 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
terminal)
2 Scleromys osborn 2 --> (012) (wi thi n
terminal)
2 Garri domys curnu 2 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 2 --> (012) (wi thi n
terminal)
2 Eoviscaccia aust 2 --> (012) (wi thi n
terminal)
2 Scleromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
terminal)
2 Eoincamys parvus 2 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
1 Eoincamys val ver 2 --> (12) (wi thi n terminal)
2 Leucocephal os ze 2 --> (012) (wi thi n
terminal)
2 Platypittamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
2 Acaemys muri nus 2 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
terminal)
2 Galileomys euryg 2 --> (012) (wi thi n

```

Hsearch_Consensus.out

```

2 Willidewu estepa 2 --> terminal
2 --> (012) (wi thin
terminal)
1 node_188 2 --> 1 node_187
2 Prospani omys pri 1 --> (012) (wi thin
terminal)
1 node_176 1 --> 0 node_173
2 Spani omys ri pari 0 --> (012) (wi thin
terminal)
2 Maruchi to tri lof 0 --> (012) (wi thin
terminal)
2 Thri chomys apere 0 --> (012) (wi thin
terminal)
2 Echi mys chrysuru 0 --> (012) (wi thin
terminal)
2 Makal ata di del ph 0 --> (012) (wi thin
terminal)
2 Euryzygomatomys 1 --> (012) (wi thin
terminal)
2 Mesocapromys/Mys 1 --> (012) (wi thin
terminal)
2 Xenodontomys sim 1 --> (012) (wi thin
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thin
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thin
terminal)
2 Pi thanotomys col 1 --> (012) (wi thin
terminal)
2 Octodon degus 1 --> (012) (wi thin
terminal)
2 Spal acopus cyanu 1 --> (012) (wi thin
terminal)
2 Abrocoma bennett 1 --> (012) (wi thin
terminal)
2 Adel phomys candi 1 --> (012) (wi thin
terminal)
2 Prosti chomys bow 1 --> (012) (wi thin
terminal)
2 Sti chomys regul a 1 --> (012) (wi thin
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thin
terminal)
2 Cavi ocricetus lu 2 --> (012) (wi thin
terminal)
2 Pl esi acarechi mys 2 --> (012) (wi thin
terminal)
1 Mayomys confl uen 2 --> (12) (wi thin terminal)
2 Eobrani samys rom 2 --> (012) (wi thin
terminal)
2 Eobrani samys jav 2 --> (012) (wi thin
terminal)
2 Pozomys ucayal ie 2 --> (012) (wi thin
terminal)
2 Tarapotomys suba 2 --> (012) (wi thin
terminal)
1 Archetypomys erl 0 --> (01) (wi thin terminal)
1 Eoespi na woodi -E 0 --> (01) (wi thin terminal)
1 Canaani mys maqui 0 --> (01) (wi thin terminal)
1 Brani samyopsi s a 0 --> (01) (wi thin terminal)
1 Asteromys punctu 0 --> (01) (wi thin terminal)
1 Dol ichoti s patag 0 --> (01) (wi thin terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thin terminal)
1 Cavi a aperea 0 --> (01) (wi thin terminal)
1 Galea spi xi i 0 --> (01) (wi thin terminal)
1 Brani samys luri b 0 --> (01) (wi thin terminal)
1 Eoi ncamys pascua 0 --> (01) (wi thin terminal)
1 Incamys bol i vi an 0 --> (01) (wi thin terminal)

```

149 (Length of the) 0.800

Hsearch_Consensus.out

```

1 Miroscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 Neopiblerma ambr 0 --> (01) (withn terminal)
1 Chinchilla lani g 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys shi p 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys syl v 0 --> (01) (withn terminal)
1 node_160 0 ==> 1 Eoincamys val ver
1 Leucocephalos ze 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 node_174 0 ==> 1 Protadelphomys l
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivi e 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pi thanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Eobranisamys rom 0 --> (01) (withn terminal)
1 Eobranisamys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 node_218 0 --> 1 node_217
1 node_118 1 --> 0 Reithroparamys d
1 node_212 1 --> 2 node_211
1 Phi omys hammudai 2 --> (12) (withn terminal)
2 Canaanimys maqui 2 --> (012) (withn terminal)
2 Branisamyopsis a 2 --> (012) (withn terminal)
1 node_129 2 ==> 1 Hypsosteiromys a
2 Asteromys punctu 2 --> (012) (withn terminal)
2 Dolichotis patag 2 --> (012) (withn terminal)
2 Hydrochoerus hyd 2 --> (012) (withn terminal)
2 Cavia aperea 2 --> (012) (withn terminal)
2 Galea spixii 2 --> (012) (withn terminal)
2 Branisamys luri b 2 --> (012) (withn terminal)
2 Eoincamys pascua 2 --> (012) (withn terminal)
2 Incamys bolivi an 2 --> (012) (withn terminal)
2 Miroscleromys p 2 --> (012) (withn terminal)
2 Scleromys quadra 2 --> (012) (withn terminal)
2 Scleromys angust 2 --> (012) (withn terminal)
2 Drytomomys aequa 2 --> (012) (withn terminal)
2 Potamarchus muri 2 --> (012) (withn terminal)
2 Dinomys branicki 2 --> (012) (withn terminal)

```

150 (*Orientation) 0.727

Hsearch_Consensus.out

```

2 Neopeblema ambr 2 --> terminal)
2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 2 --> (012) (wi thi n
terminal)
2 Garri domys curnu 2 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
1 Mesocapromys/Mys 2 --> (12) (wi thi n terminal)
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
1 node_185 2 ==> 1 node_184
1 Prosti chomys bow 1 --> (01) (wi thi n terminal)
2 Eobrani samys rom 2 --> (012) (wi thi n
terminal)
2 Eobrani samys j av 2 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
terminal)
1 Paraphi omys pi go 2 --> (12) (wi thi n terminal)
1 Metaphi omys scha 2 --> (12) (wi thi n terminal)
1 Acri tophi omys bo 2 --> (12) (wi thi n terminal)
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n terminal)
1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dol ichoti s patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavi a aperea 0 --> (01) (wi thi n terminal)
1 Galea spi xi i 0 --> (01) (wi thi n terminal)
1 Peri mys intermed 0 --> (01) (wi thi n terminal)
1 node_138 0 ==> 1 Brani samys luri b
1 Cuni cul us paca-t 0 --> (01) (wi thi n terminal)
1 node_161 0 ==> 1 node_160
1 Mi croscl eromys p 1 --> (01) (wi thi n terminal)

```

Hsearch_Consensus.out

1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 node_152 1 --> 0 node_151
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 node_174 0 ==> 1 Protadel phomys I
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 node_200 0 ==> 1 node_199
 1 node_203 0 --> 1 node_202
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n termi nal)
 1 node_215 1 ==> 2 node_214
 1 Canaani mys maqui 2 --> (12) (wi thi n termi nal)
 2 Brani samyopsi s a 2 --> (012) (wi thi n termi nal)
 2 Neostei romys pat 2 --> (012) (wi thi n termi nal)
 1 node_130 2 --> 1 node_129
 2 Chaetomys subspi 1 --> (012) (wi thi n termi nal)
 2 Australoprocta f 2 --> (012) (wi thi n termi nal)
 2 Luantus propheti 2 --> (012) (wi thi n termi nal)
 2 Asteromys punctu 2 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 2 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n termi nal)
 2 Cavi a aperea 2 --> (012) (wi thi n termi nal)
 2 Galea spi xi i 2 --> (012) (wi thi n termi nal)
 2 Peri mys intermed 2 --> (012) (wi thi n termi nal)
 2 Neoreomys austra 2 --> (012) (wi thi n termi nal)
 2 Brani samys luri b 2 --> (012) (wi thi n termi nal)
 2 Dasyprocta 2 --> (012) (wi thi n termi nal)
 2 Cuni cul us paca-t 2 --> (012) (wi thi n termi nal)
 2 Eoi ncamys pascua 2 --> (012) (wi thi n termi nal)
 2 Incamys bol ivi an 2 --> (012) (wi thi n termi nal)
 2 Mi croscl eromys p 2 --> (012) (wi thi n termi nal)
 2 Scl eromys quadra 2 --> (012) (wi thi n termi nal)

152 (*Height of th) 0.667

Hsearch_Consensus.out

2 Scleromys angust 2 --> (012) (w i t h i n
termi nal)
2 Drytomomys aequa 2 --> (012) (w i t h i n
termi nal)
2 Potamarchus muri 2 --> (012) (w i t h i n
termi nal)
2 Di nomys brani cki 2 --> (012) (w i t h i n
termi nal)
2 Neoepi blema ambr 2 --> (012) (w i t h i n
termi nal)
2 Chi nchi lla lani g 2 --> (012) (w i t h i n
termi nal)
2 Lagi di um vi scaci 2 --> (012) (w i t h i n
termi nal)
2 Lagostomus maxi m 2 --> (012) (w i t h i n
termi nal)
2 Scleromys osborn 2 --> (012) (w i t h i n
termi nal)
2 Garri domys curnu 2 --> (012) (w i t h i n
termi nal)
2 Eovi scacci a fras 2 --> (012) (w i t h i n
termi nal)
2 Eovi scacci a aust 2 --> (012) (w i t h i n
termi nal)
2 Scleromys praecu 2 --> (012) (w i t h i n
termi nal)
2 Chambi ramys shi p 2 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys parvus 2 --> (012) (w i t h i n
termi nal)
2 Chambi ramys syl v 2 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys val ver 2 --> (012) (w i t h i n
termi nal)
2 Draconomys verai 2 --> (012) (w i t h i n
termi nal)
2 Leucokephal os ze 2 --> (012) (w i t h i n
termi nal)
2 Pl atypi ttamys br 2 --> (012) (w i t h i n
termi nal)
2 Deseadomys aramb 2 --> (012) (w i t h i n
termi nal)
2 Aca remys muri nus 2 --> (012) (w i t h i n
termi nal)
2 Sci amys pri nci pa 2 --> (012) (w i t h i n
termi nal)
2 Gal ileomys euryg 2 --> (012) (w i t h i n
termi nal)
2 Wi lli dewu estepa 2 --> (012) (w i t h i n
termi nal)
2 Prospani omys pri 2 --> (012) (w i t h i n
termi nal)
2 node_173 2 --> 0 node_171
2 Spani omys ri pari 0 --> (012) (w i t h i n
termi nal)
2 Myocastor coypus 0 --> (012) (w i t h i n
termi nal)
2 Maruchi to tri lof 0 --> (012) (w i t h i n
termi nal)
2 Thri chomys apere 0 --> (012) (w i t h i n
termi nal)
2 Echi mys chrysuru 2 --> (012) (w i t h i n
termi nal)
2 Protadel phomys l 2 --> (012) (w i t h i n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (w i t h i n
termi nal)
2 Xenodontomys si m 2 --> (012) (w i t h i n

Hsearch_Consensus.out

```

2 Ctenomys bolivi e 2 --> terminal
2 Ctenomys bolivi e 2 --> (012) (with in terminal)
2 Neophanomys bipl 2 --> (012) (with in terminal)
2 Pi thanotomys col 2 --> (012) (with in terminal)
2 Octodon degus 2 --> (012) (with in terminal)
2 Spalacopus cyanu 2 --> (012) (with in terminal)
2 Abrocoma bennett 2 --> (012) (with in terminal)
2 Adelphomys candi 2 --> (012) (with in terminal)
2 Prosti chomys bow 2 --> (012) (with in terminal)
2 Sti chomys regul a 2 --> (012) (with in terminal)
2 Cavi ocricetus lu 2 --> (012) (with in terminal)
2 Plesi acarechi mys 2 --> (012) (with in terminal)
1 Mayomys confl uen 2 --> (12) (with in terminal)
2 Eobrani samys rom 2 --> (012) (with in terminal)
2 Eobrani samys jav 2 --> (012) (with in terminal)
2 Pozomys ucayal ie 2 --> (012) (with in terminal)
2 Tarapotomys mayo 2 --> (012) (with in terminal)
2 Tarapotomys suba 2 --> (012) (with in terminal)
153 (Length of the) 0.667
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Canaani mys maqui 0 --> (01) (with in terminal)
1 node_128 0 ==> 1 Protoste i romys m
1 Brani samyopsi s a 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixi i 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 Brani samys luri b 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 node_195 0 ==> 1 node_161
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Incamys bolivi an 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys quadra 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Drytomomys aequa 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branic ki 1 --> (01) (with in terminal)
1 Neoepi blema ambr 1 --> (01) (with in terminal)
1 Chinchilla lani g 1 --> (01) (with in terminal)
1 Lagostomus maxi m 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys shi p 1 --> (01) (with in terminal)
1 Eoincamys parvus 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)

```

Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 Deseadomys aramb 0 --> (01) (withn terminal)
 1 Protadelphomys l 0 --> (01) (withn terminal)
 1 Xenodontomys sim 0 --> (01) (withn terminal)
 1 Ctenomys bolivi 0 --> (01) (withn terminal)
 1 Neophanomys bipl 0 --> (01) (withn terminal)
 1 Pi thanotomys col 0 --> (01) (withn terminal)
 1 Octodon degus 0 --> (01) (withn terminal)
 1 Spalacopus cyanu 0 --> (01) (withn terminal)
 1 Abrocoma bennett 0 --> (01) (withn terminal)
 1 Plesiacarechymys 0 --> (01) (withn terminal)
 1 Eobrani samys rom 0 --> (01) (withn terminal)
 1 Eobrani samys jav 0 --> (01) (withn terminal)
 1 Tarapotomys mayo 0 --> (01) (withn terminal)
 1 Tarapotomys suba 0 --> (01) (withn terminal)
 2 Archetypomys erl 0 --> (012) (withn terminal)
 2 Tri bosphenomys m 0 --> (012) (withn terminal)
 1 node_218 0 --> 1 node_217
 1 node_118 1 --> 0 Reithroparamys d
 1 node_212 1 --> 2 node_211
 1 Phi omys hammudai 2 --> (12) (withn terminal)
 2 Brani samyopsis a 2 --> (012) (withn terminal)
 1 node_129 2 ==> 1 Hypsosteirromys a
 2 Australoprocta f 2 --> (012) (withn terminal)
 2 Asteromys punctu 2 --> (012) (withn terminal)
 2 Dolichotis patag 2 --> (012) (withn terminal)
 2 Hydrochoerus hyd 2 --> (012) (withn terminal)
 2 Cavia aperea 2 --> (012) (withn terminal)
 2 Galea spixii 2 --> (012) (withn terminal)
 2 Perimys intermed 2 --> (012) (withn terminal)
 2 Brani samys luri b 2 --> (012) (withn terminal)
 2 Cuniculus paca-t 2 --> (012) (withn terminal)
 2 Eoincamys pascua 2 --> (012) (withn terminal)
 2 Incamys bolivi an 2 --> (012) (withn terminal)
 2 Mi croscleromys p 2 --> (012) (withn terminal)
 2 Scleromys quadra 2 --> (012) (withn terminal)
 2 Scleromys angust 2 --> (012) (withn terminal)
 2 Drytomomys aequa 2 --> (012) (withn terminal)
 2 Potamarchus muri 2 --> (012) (withn terminal)
 2 Dinomys branickei 2 --> (012) (withn terminal)
 2 Neoeplema ambr 2 --> (012) (withn terminal)
 2 Chinchilla lani g 2 --> (012) (withn terminal)
 2 Lagidium viscaci 2 --> (012) (withn terminal)
 2 Lagostomus maxi m 2 --> (012) (withn terminal)

154 (*Orientation) 0.700

Hsearch_Consensus.out

```

2 Scleromys osborn 2 --> terminal)
2 Garri domys curnu 2 --> (012) (wi thi n terminal)
2 Eovi scaccia fras 2 --> (012) (wi thi n terminal)
2 Scleromys praecu 2 --> (012) (wi thi n terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n terminal)
2 Protadel phomys l 2 --> (012) (wi thi n terminal)
1 Mesocapromys/Mys 2 --> (12) (wi thi n terminal)
2 Xenodontomys sim 2 --> (012) (wi thi n terminal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n terminal)
2 Octodon degus 2 --> (012) (wi thi n terminal)
2 Spal acopus cyanu 2 --> (012) (wi thi n terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n terminal)
1 node_185 2 ==> 1 node_184
1 Prosti chomys bow 1 --> (01) (wi thi n terminal)
2 Plesi acarechi mys 2 --> (012) (wi thi n terminal)
2 Eobrani samys rom 2 --> (012) (wi thi n terminal)
2 Eobrani samys j av 2 --> (012) (wi thi n terminal)
2 Tarapotomys mayo 2 --> (012) (wi thi n terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n terminal)
1 Metaphi omys scha 2 --> (12) (wi thi n terminal)
1 Acri tophi omys bo 2 --> (12) (wi thi n terminal)
155 (Mure on M1-2) 0.667
1 node_215 0 ==> 1 Chapatti mys wils
1 node_213 0 --> 1 node_212
1 Bugti mys zafarul 1 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)
1 'Wasl amys' attia 1 --> (01) (wi thi n terminal)
1 Neosteir omys pat 1 --> (01) (wi thi n terminal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Dol ichoti s patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavi a aperea 1 --> (01) (wi thi n terminal)
1 Galea spi xi i 1 --> (01) (wi thi n terminal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 1 --> (01) (wi thi n terminal)
1 Eovi scaccia fras 1 --> (01) (wi thi n terminal)
1 Leucokephal os ze 1 --> (01) (wi thi n terminal)

```

Hsearch_Consensus.out

1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 node_174 1 ==> 0 Euryzygomatomys
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 156 (Length of the) 1.000 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_215 0 --> 1 node_214
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Wasl a mys' atti a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 157 (Mure on M3) 0.500 1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_216 0 --> 1 node_215
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 node_174 1 ==> 0 Euryzygomatomys
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_214 1 --> 0 Baluchi mys barry
 158 (Length of the) 1.000 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 node_212 1 --> 0 node_120
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambarmys ship 1 --> (01) (wi thi n termi nal)
1 Chambarmys sylv 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
1 node_215 1 --> 2 node_214
1 node_212 2 --> 1 node_120
1 Bugti mys zafarul 1 --> (12) (wi thi n termi nal)
1 Neosteioromys pat 2 --> (12) (wi thi n termi nal)
2 Chaetomys subspi 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dolichotis patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavia aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spixii 2 --> (012) (wi thi n
termi nal)
2 Perimys intermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Cuniculus paca-t 2 --> (012) (wi thi n

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159 (*Height of th) 0.667

Hsearch_Consensus.out

			terminal)
2	Microscleromys p	2 -->	(012) (with in terminal)
2	Scleromys quadra	2 -->	(012) (with in terminal)
2	Scleromys angust	2 -->	(012) (with in terminal)
2	Drytomomys aequa	2 -->	(012) (with in terminal)
2	Potamarchus muri	2 -->	(012) (with in terminal)
2	Di nomys brani cki	2 -->	(012) (with in terminal)
2	Neoepl emma ambr	2 -->	(012) (with in terminal)
2	Chi nchi l l a l ani g	2 -->	(012) (with in terminal)
2	Lagi di um vi scaci	2 -->	(012) (with in terminal)
2	Lagostomus maxi m	2 -->	(012) (with in terminal)
2	Scleromys osborn	2 -->	(012) (with in terminal)
2	Eovi scacci a fras	2 -->	(012) (with in terminal)
2	Eovi scacci a aust	2 -->	(012) (with in terminal)
2	Scleromys praecu	2 -->	(012) (with in terminal)
2	Leucokephal os ze	2 -->	(012) (with in terminal)
2	Deseadomys aramb	2 -->	(012) (with in terminal)
2	Acaremys muri nus	2 -->	(012) (with in terminal)
2	Sci amys pri nci pa	2 -->	(012) (with in terminal)
2	Gal ileomys euryg	2 -->	(012) (with in terminal)
2	Wi l l i dewu estepa	2 -->	(012) (with in terminal)
2	node_188	2 -->	0 node_187
2	Prospani omys pri	0 -->	(012) (with in terminal)
2	Spani omys ri pari	0 -->	(012) (with in terminal)
2	Maruchi to tril of	0 -->	(012) (with in terminal)
2	Thri chomys apere	0 -->	(012) (with in terminal)
2	Protadel phomys l	0 -->	(012) (with in terminal)
2	Euryzygomatomys	0 -->	(012) (with in terminal)
2	Mesocapromys/Mys	0 -->	(012) (with in terminal)
2	Xenodontomys si m	0 -->	(012) (with in terminal)
2	Ctenomys bol i vi e	0 -->	(012) (with in terminal)
2	Neophanomys bi pl	0 -->	(012) (with in terminal)
2	Pi thanotomys col	0 -->	(012) (with in terminal)
2	Octodon degus	0 -->	(012) (with in terminal)
2	Spal acopus cyanu	0 -->	(012) (with in terminal)

Hsearch_Consensus.out

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2 Abrocoma bennett 0 --> (012) (wi thi n
  terminal)
2 Adelphomys candi 0 --> (012) (wi thi n
  terminal)
2 Prostichomys bow 0 --> (012) (wi thi n
  terminal)
2 Stichomys regula 0 --> (012) (wi thi n
  terminal)
2 Caviocricetus lu 2 --> (012) (wi thi n
  terminal)
2 Plesiacarechymys 2 --> (012) (wi thi n
  terminal)
2 Pozomys ucayalie 2 --> (012) (wi thi n
  terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n
  terminal)
2 Baluchimys barry 2 --> (012) (wi thi n
  terminal)
160 (Mure-protolop) 0.500
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tribosphenomys m 0 --> (01) (wi thi n terminal)
1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
1 Reithroparamys d 0 --> (01) (wi thi n terminal)
1 Birbalomys sonda 0 --> (01) (wi thi n terminal)
1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
1 node_213 0 --> 1 node_212
1 node_120 1 --> 0 node_119
1 Chaetomys subspi 1 --> (01) (wi thi n terminal)
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Dolichotis patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavia aperea 1 --> (01) (wi thi n terminal)
1 Galea spixii 1 --> (01) (wi thi n terminal)
1 Cuniculus paca-t 1 --> (01) (wi thi n terminal)
1 Lagostomus maxim 1 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 1 --> (01) (wi thi n terminal)
1 Leucokephalos ze 1 --> (01) (wi thi n terminal)
1 Xenodontomys sim 1 --> (01) (wi thi n terminal)
1 Ctenomys bolivie 1 --> (01) (wi thi n terminal)
1 Neophanomys bipl 1 --> (01) (wi thi n terminal)
1 Pi thanotomys col 1 --> (01) (wi thi n terminal)
1 Octodon degus 1 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 1 --> (01) (wi thi n terminal)
1 Baluchimys barry 0 --> (01) (wi thi n terminal)
161 (Metaconule on) 1.000
1 node_212 0 ==> 1 node_211
1 Phiomys hammudai 1 --> (01) (wi thi n terminal)
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Dolichotis patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavia aperea 1 --> (01) (wi thi n terminal)
1 Galea spixii 1 --> (01) (wi thi n terminal)
1 Lagostomus maxim 1 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 1 --> (01) (wi thi n terminal)
1 Leucokephalos ze 1 --> (01) (wi thi n terminal)
1 Xenodontomys sim 1 --> (01) (wi thi n terminal)
1 Ctenomys bolivie 1 --> (01) (wi thi n terminal)
1 Neophanomys bipl 1 --> (01) (wi thi n terminal)
1 Pi thanotomys col 1 --> (01) (wi thi n terminal)
1 Octodon degus 1 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 1 --> (01) (wi thi n terminal)
162 (Development o) 1.000
1 node_215 0 ==> 1 node_214
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 Eoespina woodi -E 1 --> (01) (wi thi n terminal)
1 Canaanimys maqui 1 --> (01) (wi thi n terminal)
1 Protosteiromys m 1 --> (01) (wi thi n terminal)
1 Eosteiromys homo 1 --> (01) (wi thi n terminal)
1 Brani samyopsis a 1 --> (01) (wi thi n terminal)
1 Neosteiromys pat 1 --> (01) (wi thi n terminal)
1 Erethizon dorsat 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

1	Coendou prehensi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Steirromys detent	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Hypsosteirromys a	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chaetomys subspi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Palaeosteirromys	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Australoprocta f	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Luantus propheti	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Asteromys punctu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Dolichotis patag	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Hydrochoerus hyd	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cavia aperea	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Galea spixii	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Perimys intermed	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neoreomys austra	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Braniamys luri b	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Dasyprocta	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cuniculus paca-t	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys pascua	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Incamys bolivi an	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Microscleromys p	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys quadra	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys angust	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Drytomomys aequa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Potamarchus muri	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Diomys branickei	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neopibelema ambr	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chinchilla lani g	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Lagidium viscaci	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Lagostomus maxi m	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys osborn	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Garriomys curnu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoviscaccia fras	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoviscaccia aust	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys praecu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chambaromys shi p	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys parvus	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chambaromys syl v	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys val ver	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys ameghi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Draconomys verai	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Leucokephalos ze	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Platyptamys br	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Deseadomys aramb	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Acaremys murinus	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Sciomyz principa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Galileomys euryg	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Willidewu estepa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Prospaniomys pri	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Spaniomys ripari	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Myocastor coypus	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Proechimys cuvie	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Maruchito trilof	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Thrichomys apere	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Echimyomys chrysuru	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Makalata didelph	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Protadelphomys l	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Euryzygomatomys	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Mesocapromys/Mys	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Xenodontomys sim	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Ctenomys bolivi e	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neophanomys bipl	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Pi thanotomys col	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Octodon degus	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Spalacopus cyanu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Abrocoma bennett	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Adelphomys candi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Prostichomys bow	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Stichomys regula	1	-->	(01)	(w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 node_215 0 ==> 1 node_214
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi bl ema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi l l a l ani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)

163 (Metaconul e po) 1.000

Hsearch_Consensus.out

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1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 node_219 1 --> 0 Tribosphenomys m
1 node_216 1 ==> 0 Tamquammys di spi
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 node_209 1 --> 0 node_208
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 165 (Mesostyle on) 0.750
 1 node_214 1 ==> 0 Bal uchi mys barry
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_209 1 --> 0 node_208
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 node_214 1 ==> 0 Bal uchi mys barry
 166 (*Devel opment) 0.545
 2 Tri bosphenomys m 0 --> (012) (wi thi n termi nal)
 2 Tamquammys di spi 0 --> (012) (wi thi n termi nal)
 1 node_207 0 ==> 1 node_206
 1 node_124 1 --> 2 node_123
 1 Brani samyopsi s a 2 --> (12) (wi thi n termi nal)
 1 node_130 1 ==> 2 node_129
 2 Asteromys punctu 1 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 1 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n termi nal)
 2 Cavi a aperea 1 --> (012) (wi thi n termi nal)
 2 Galea spi xi i 1 --> (012) (wi thi n termi nal)
 1 node_140 1 --> 2 node_139
 2 Dasyprocta 2 --> (012) (wi thi n termi nal)
 2 Scleromys angust 1 --> (012) (wi thi n termi nal)
 2 Drytomomys aequa 1 --> (012) (wi thi n termi nal)
 2 Potamarchus muri 1 --> (012) (wi thi n termi nal)
 2 Di nomys brani cki 1 --> (012) (wi thi n termi nal)

Hsearch_Consensus.out

2 Neopeblema ambr 1 --> (012) (with terminal)
 2 Chinchilla lanig 1 --> (012) (with terminal)
 2 Lagidium viscaci 1 --> (012) (with terminal)
 2 Lagostomus maxim 1 --> (012) (with terminal)
 2 Scleromys osborn 1 --> (012) (with terminal)
 1 node_152 1 ==> 2 Garri domys curnu
 2 Eoviscaccia fras 1 --> (012) (with terminal)
 2 Scleromys praecu 1 --> (012) (with terminal)
 2 Leucokephalos ze 1 --> (012) (with terminal)
 1 node_193 1 ==> 2 node_192
 1 Platypittamys br 2 --> (12) (with terminal)
 1 Deseadomys aramb 2 --> (12) (with terminal)
 1 Prospaniomyis pri 2 --> (12) (with terminal)
 2 Spaniomyis ripari 2 --> (012) (with terminal)
 2 Echi mys chrysuru 2 --> (012) (with terminal)
 1 node_174 2 ==> 1 Protadelphomys l
 2 Mesocapromys/Mys 2 --> (012) (with terminal)
 2 Xenodontomys sim 2 --> (012) (with terminal)
 2 Ctenomys bolivi e 2 --> (012) (with terminal)
 2 Neophanomys bipl 2 --> (012) (with terminal)
 2 Pi thanotomys col 2 --> (012) (with terminal)
 2 Octodon degus 2 --> (012) (with terminal)
 2 Spalacopus cyanu 2 --> (012) (with terminal)
 2 Abrocoma bennett 2 --> (012) (with terminal)
 2 Thryonomys swind 0 --> (012) (with terminal)
 2 Baluchimys barry 0 --> (012) (with terminal)
 2 Tribosphenomys m 0 --> (012) (with terminal)
 2 Tamquammys di spi 0 --> (012) (with terminal)
 1 node_207 0 ==> 1 node_206
 2 Chaetomys subspi 1 --> (012) (with terminal)
 2 Dolichotis patag 1 --> (012) (with terminal)
 2 Hydrochoerus hyd 1 --> (012) (with terminal)
 2 Cavia aperea 1 --> (012) (with terminal)
 2 Galea spixii 1 --> (012) (with terminal)
 2 Perimys intermed 1 --> (012) (with terminal)
 2 Microscleromys p 1 --> (012) (with terminal)
 2 Scleromys angust 1 --> (012) (with terminal)
 2 Drytomomys aequa 1 --> (012) (with terminal)

167 (*Height of th) 0.750

Hsearch_Consensus.out

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2 Potamarchus muri 1 --> terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
2 Di nomys brani cki 1 --> (012) (wi thi n
terminal)
2 Neoepe blema ambr 1 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 1 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 1 --> (012) (wi thi n
terminal)
1 node_193 1 --> 2 node_192
1 Platypi ttamys br 2 --> (12) (wi thi n terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
1 node_167 2 --> 1 Willi dewu estepa
2 Prospani omys pri 2 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 2 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 2 --> (012) (wi thi n
terminal)
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 2 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 2 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 2 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
terminal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
terminal)
2 Thryonomys swi nd 0 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

168 (*Position of) 0.375

2 Baluchimys barry 0 --> (012) (within terminal)
 2 Tribosphenomys m 0 --> (012) (within terminal)
 1 node_207 0 ==> 1 node_206
 1 Canaanimys maqui 1 --> (01) (within terminal)
 1 node_129 1 ==> 0 Chaetomys subsp
 2 Dolichotis patag 1 --> (012) (within terminal)
 2 Hydrochoerus hyd 1 --> (012) (within terminal)
 2 Cavia aperea 1 --> (012) (within terminal)
 2 Galea spixii 1 --> (012) (within terminal)
 2 Neopibrama ambr 1 --> (012) (within terminal)
 2 Chinchilla lanig 1 --> (012) (within terminal)
 2 Lagidium viscaci 1 --> (012) (within terminal)
 2 Lagostomus maxim 1 --> (012) (within terminal)
 2 Eviscaccia fras 1 --> (012) (within terminal)
 2 Scleromys praecu 1 --> (012) (within terminal)
 2 Leucokephalos ze 1 --> (012) (within terminal)
 1 node_194 1 ==> 2 node_193
 1 node_186 2 --> 1 node_183
 1 node_174 1 ==> 0 Euryzygomatomys
 2 Mesocapromys/Mys 1 --> (012) (within terminal)
 2 Xenodontomys sim 1 --> (012) (within terminal)
 2 Ctenomys bolivie 1 --> (012) (within terminal)
 2 Neophanomys bipl 1 --> (012) (within terminal)
 2 Pithanotomys col 1 --> (012) (within terminal)
 2 Octodon degus 1 --> (012) (within terminal)
 2 Spalacopus cyanu 1 --> (012) (within terminal)
 2 Abrocoma bennett 1 --> (012) (within terminal)
 1 node_189 2 ==> 1 Pampamys emmonsa
 2 Thryonomys swind 0 --> (012) (within terminal)
 1 node_211 0 ==> 1 Acritophiomyys bo
 2 Baluchimys barry 0 --> (012) (within terminal)
 1 Tribosphenomys m 0 --> (01) (within terminal)
 1 Birbalomys sonda 0 --> (01) (within terminal)
 1 Tamquammys dispi 0 --> (01) (within terminal)
 1 node_215 0 ==> 1 Chapattimys wils
 1 node_212 0 --> 1 node_120
 1 Bugtimys zafaral 1 --> (01) (within terminal)
 1 Hodsahibia azrae 1 --> (01) (within terminal)
 1 Phiomyys hammudai 0 --> (01) (within terminal)
 1 node_123 0 ==> 1 Neosteironomys pat
 1 Asteromys punctu 0 --> (01) (within terminal)
 1 Dolichotis patag 0 --> (01) (within terminal)
 1 Hydrochoerus hyd 0 --> (01) (within terminal)
 1 Cavia aperea 0 --> (01) (within terminal)
 1 Galea spixii 0 --> (01) (within terminal)

169 (Anterior isol) 0.778

Hsearch_Consensus.out

170 (Anterior conn) 1.000

1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Paraphomys pi go 0 --> (01) (w i t h i n t e r m i n a l)
1 Acritophomys bo 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Triboosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiycuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Braniamyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 Braniamys luri b 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Eviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_215 0 ==> 1 Chapatti mys wil s
 1 node_212 0 --> 1 node_120
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_123 0 ==> 1 Neoste i romys pat
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 node_127 0 ==> 1 Stei romys detent
 1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
 1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 0 --> (01) (wi thi n termi nal)

171 (Posterior iso) 0.640

Hsearch_Consensus.out

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1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spixii 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1   node_198 0 --> 1 node_197
1   node_142 1 ==> 0 Incamys bol i vi an
1   node_153 1 --> 0 node_150
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1   node_188 1 --> 0 node_187
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1   node_193 1 ==> 0 Sal lamys pascual
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1   node_209 0 --> 1 node_208
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteir omys m 0 --> (01) (wi thi n termi nal)
1 Eosteir omys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Hyposteir omys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteir omys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1   node_189 0 --> 1 node_188
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1   node_218 0 --> 1 Cocomys ligchaen
1   node_118 0 --> 1 Bi rbal omys sonda
1   node_215 0 --> 1 Chapatti mys wil s
1   node_212 0 --> 1 node_120
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1   node_205 0 --> 1 node_122
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1   node_124 0 ==> 1 node_123
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoer us hyd 0 --> (01) (wi thi n termi nal)
1   Cavi a aperea 0 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_138 0 ==> 1 Brani samys luri b
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1   node_198 0 --> 1 node_197
1   node_156 1 ==> 0 Eoi ncamys pascua
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1   node_153 1 --> 0 node_150
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1   node_158 1 ==> 0 Eoi ncamys parvus
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1   node_165 1 ==> 0 Gal i leomys euryg
1   node_192 1 ==> 0 node_191
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Eosal l amys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1   node_218 0 ==> 1 Cocomys ligchaen
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1   node_215 0 ==> 1 Chapattimys wils
1   node_212 0 --> 1 node_120
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsa hi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1   node_206 0 --> 1 node_205
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1   node_198 1 --> 0 node_141
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1   node_124 0 ==> 1 node_123
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoe rus hyd 0 --> (01) (wi thi n termi nal)
1   Cavi a aperea 0 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_138 0 ==> 1 Brani samys luri b
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1   node_156 1 ==> 0 Eoi ncamys pascua
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1   node_149 1 --> 0 node_148
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neopepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1   node_158 1 ==> 0 Eoi ncamys parvus
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1   node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1   node_192 0 --> 1 node_167
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1   node_173 0 --> 1 node_172
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacaechimys 0 --> (01) (with in terminal)
 1 Eosallamys paula 1 --> (01) (with in terminal)
 1 node_200 1 --> 0 node_199
 1 Pozomys ucayalíe 1 --> (01) (with in terminal)
 1 node_202 1 --> 0 Tarapotomys suba
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Baluchimys barry 0 --> (01) (with in terminal)
 175 (Third crest ()) 0.333
 1 node_215 0 ==> 1 node_214
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Neopiblema ambr 1 --> (01) (with in terminal)
 1 Chinchilla lanig 1 --> (01) (with in terminal)
 1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 node_157 1 ==> 0 Chambi ramys ship
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 176 (Third crest ()) 0.667
 1 node_208 1 ==> 0 Thryonomys swind
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 node_214 0 ==> 1 node_213
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Perimys intermed 1 --> (01) (with in terminal)
 1 Neoreomys austra 1 --> (01) (with in terminal)
 1 Dasyprocta 1 --> (01) (with in terminal)
 1 Microscleromys p 1 --> (01) (with in terminal)
 1 Scleromys quadra 1 --> (01) (with in terminal)
 1 Chinchilla lanig 1 --> (01) (with in terminal)
 1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Garri domys curnu 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Chambi ramys ship 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Plesiacaechimys 1 --> (01) (with in terminal)
 1 Tarapotomys suba 1 --> (01) (with in terminal)
 177 (Mesolophule o) 0.583
 1 node_208 1 ==> 0 Thryonomys swind
 1 node_215 0 ==> 1 node_214

Hsearch_Consensus.out

```

1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoste i romys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoste i romys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 node_195 1 ==> 0 node_161
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
1 Neopib lema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucocephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 node_192 1 --> 0 node_167
1 node_166 0 --> 1 node_163
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchi to tril of 1 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 node_176 1 --> 0 node_175
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
1 node_208 1 ==> 0 Thryonomys swi nd
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 node_214 0 ==> 1 node_213
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 node_128 1 ==> 0 Protoste i romys m
1 Eoste i romys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoste i romys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
1 Hypsoste i romys a 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Pal aeoste i romys 1 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)

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Hsearch_Consensus.out

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1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_160 1 --> 0 node_159
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 node_176 1 --> 0 node_175
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 node_199 1 ==> 0 Eobrani samys rom
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_208 1 ==> 0 Thryonomys swi nd
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tribosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
1 Ottomani a proavi 1 --> (12) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (12) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (12) (wi thi n termi nal)

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179 (*Length of th) 0.680

Hsearch_Consensus.out

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1 'Waslamys' attia 1 --> (12) (wi thi n termi nal)
1     node_209 1 ==> 0 node_207
2 Canaani mys maqui 0 --> (012) (wi thi n
    termi nal)
1     node_201 0 --> 1 node_198
1     node_126 1 --> 0 node_124
2 Eostei romys homo 0 --> (012) (wi thi n
    termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
    termi nal)
2 Erethi zon dorsat 1 --> (012) (wi thi n
    termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
    termi nal)
1     node_130 1 --> 0 node_129
2 Chaetomys subspi 0 --> (012) (wi thi n
    termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
2 Luantus propheti 1 --> (012) (wi thi n
    termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
    termi nal)
2 Dolichotis patag 1 --> (012) (wi thi n
    termi nal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
    termi nal)
2     Cavia aperea 1 ---> (012) (wi thi n
    termi nal)
2     Galea spixii 1 --> (012) (wi thi n
    termi nal)
2 Perimys intermed 1 --> (012) (wi thi n
    termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
    termi nal)
1     Dasyprocta 1 --> (01) (wi thi n termi nal)
2 Cuniculus paca-t 1 --> (012) (wi thi n
    termi nal)
1     node_196 1 --> 0 node_195
2 Eoincamys pascua 0 --> (012) (wi thi n
    termi nal)
2 Microscleromys p 0 --> (012) (wi thi n
    termi nal)
2 Scleromys quadra 0 --> (012) (wi thi n
    termi nal)
2 Scleromys angust 0 --> (012) (wi thi n
    termi nal)
2 Drytomomys aequa 0 --> (012) (wi thi n
    termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
    termi nal)
2 Dinomys branicki 0 --> (012) (wi thi n
    termi nal)
2 Neopeblema ambr 0 --> (012) (wi thi n
    termi nal)
2 Chinchilla lanig 0 --> (012) (wi thi n
    termi nal)
2 Lagidium viscaci 0 --> (012) (wi thi n
    termi nal)
2 Lagostomus maxim 0 --> (012) (wi thi n
    termi nal)
2 Scleromys osborn 0 --> (012) (wi thi n
    termi nal)
2 Garri domys curnu 0 --> (012) (wi thi n
    termi nal)
2 Eoviscaccia fras 0 --> (012) (wi thi n
    termi nal)
2 Eoviscaccia aust 0 --> (012) (wi thi n
    termi nal)

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Hsearch_Consensus.out

2 Scleromys praecu 0 --> (012) (w i t h i n
termi nal)

2 Chambi ramys shi p 0 --> (012) (w i t h i n
termi nal)

2 Eoi ncamys parvus 0 --> (012) (w i t h i n
termi nal)

2 Chambi ramys syl v 0 --> (012) (w i t h i n
termi nal)

1 node_194 0 --> 1 node_162

2 Leucokephal os ze 1 --> (012) (w i t h i n
termi nal)

1 node_167 0 --> 1 node_166

2 Deseadomys aramb 1 --> (012) (w i t h i n
termi nal)

2 Acaremys muri nus 1 --> (012) (w i t h i n
termi nal)

2 Sci amys pri nci pa 1 --> (012) (w i t h i n
termi nal)

2 Gal i leomys euryg 1 --> (012) (w i t h i n
termi nal)

2 Prospani omys pri 0 --> (012) (w i t h i n
termi nal)

2 Maruchi to tri lof 0 --> (012) (w i t h i n
termi nal)

2 Thri chomys apere 0 --> (012) (w i t h i n
termi nal)

1 node_173 0 --> 1 node_172

2 Echi mys chrysuru 1 --> (012) (w i t h i n
termi nal)

2 Protadel phomys l 0 --> (012) (w i t h i n
termi nal)

2 Euryzygomatomys 0 --> (012) (w i t h i n
termi nal)

2 Mesocapromys/Mys 0 --> (012) (w i t h i n
termi nal)

2 Xenodontomys si m 0 --> (012) (w i t h i n
termi nal)

2 Ctenomys bol i vi e 0 --> (012) (w i t h i n
termi nal)

2 Neophanomys bi pl 0 --> (012) (w i t h i n
termi nal)

2 Pi thanotomys col 0 --> (012) (w i t h i n
termi nal)

2 Octodon degus 0 --> (012) (w i t h i n
termi nal)

2 Spal acopus cyanu 0 --> (012) (w i t h i n
termi nal)

2 Abrocoma bennett 0 --> (012) (w i t h i n
termi nal)

2 Adel phomys candi 0 --> (012) (w i t h i n
termi nal)

2 Prosti chomys bow 0 --> (012) (w i t h i n
termi nal)

2 Dudumus rui gomez 0 --> (012) (w i t h i n
termi nal)

2 Pampamys emmonsa 0 --> (012) (w i t h i n
termi nal)

2 node_190 0 ==> 2 Cavi ocricetus l u

2 Pl esi acarechi mys 0 --> (012) (w i t h i n
termi nal)

1 Mayomys confl uen 1 --> (12) (w i t h i n termi nal)

1 Eosal l amys paul a 1 --> (01) (w i t h i n termi nal)

1 Eobrani samys rom 0 --> (01) (w i t h i n termi nal)

1 Tarapotomys mayo 0 --> (01) (w i t h i n termi nal)

2 Tarapotomys suba 0 --> (012) (w i t h i n
termi nal)

2 Thryonomys swi nd 1 --> (012) (w i t h i n
termi nal)

Hsearch_Consensus.out

180 (Mesoloph on M) 0.800

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1 Metaphiomyys schaefferi 1 --> (12) (withn terminal)
1 Acritophiomyys boettgeri 1 --> (12) (withn terminal)
1 Baluchimyys barryi 1 --> (01) (withn terminal)
1 Bugtiomyys zafaruli 0 --> (01) (withn terminal)
1 node_209 0 ==> 1 node_207
1 Canaanimyys maquilingae 1 --> (01) (withn terminal)
1 Eosteomyys homo 1 --> (01) (withn terminal)
1 Neosteomyys patagonicus 1 --> (01) (withn terminal)
1 Erethizon dorsatum 1 --> (01) (withn terminal)
1 Steiromyys detentus 1 --> (01) (withn terminal)
1 Chaetomyys subsp. 1 --> (01) (withn terminal)
1 Luantus propheti 1 --> (01) (withn terminal)
1 Asteromyys punctatus 1 --> (01) (withn terminal)
1 Dolichotis patagonica 1 --> (01) (withn terminal)
1 Hydrochoerus hydrochaeris 1 --> (01) (withn terminal)
1 Cavia aperea 1 --> (01) (withn terminal)
1 Galea spixii 1 --> (01) (withn terminal)
1 Perimyys intermedius 1 --> (01) (withn terminal)
1 Neoreomyys australis 1 --> (01) (withn terminal)
1 Bransfordomyys luri 1 --> (01) (withn terminal)
1 Dasyprocta 1 --> (01) (withn terminal)
1 Cuniculus paca-t 1 --> (01) (withn terminal)
1 Incamys boliviensis 1 --> (01) (withn terminal)
1 Neopipistrellus aberti 1 --> (01) (withn terminal)
1 Chinchilla lanigera 1 --> (01) (withn terminal)
1 Lagidium viscacia 1 --> (01) (withn terminal)
1 Lagostomus maximus 1 --> (01) (withn terminal)
1 Eosciaccia frazieri 1 --> (01) (withn terminal)
1 Scleromyys praecox 1 --> (01) (withn terminal)
1 node_157 1 ==> 0 Chambi ramys shipp
1 Leucokephalos zealandicus 1 --> (01) (withn terminal)
1 Deseadomyys aramburui 1 --> (01) (withn terminal)
1 Galileomyys eurygaster 1 --> (01) (withn terminal)
1 Prospaniomyys priestleyi 1 --> (01) (withn terminal)
1 Spaniomyys riparius 1 --> (01) (withn terminal)
1 Maruchito trilofo 1 --> (01) (withn terminal)
1 Thrichomyys apere 1 --> (01) (withn terminal)
1 Echiomyys chrysurus 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomyys simonsi 1 --> (01) (withn terminal)
1 Ctenomyys boliviensis 1 --> (01) (withn terminal)
1 Neophanomyys bipartitus 1 --> (01) (withn terminal)
1 Pi thanotomyys colsoni 1 --> (01) (withn terminal)
1 Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanus 1 --> (01) (withn terminal)
1 Abrocoma bennetti 1 --> (01) (withn terminal)
1 Adelphomyys candi 1 --> (01) (withn terminal)
1 Prosti chomyys bowleyi 1 --> (01) (withn terminal)
1 Dudumus ruigomezi 1 --> (01) (withn terminal)
1 Pampamyys emmonsae 1 --> (01) (withn terminal)
1 node_190 1 ==> 0 Caviocri cetus lu
1 Plesiacarechi myss 1 --> (01) (withn terminal)
1 Mayomyys confluent 1 --> (01) (withn terminal)
1 Tarapotomyys subandinus 1 --> (01) (withn terminal)
1 Acritophiomyys boettgeri 0 --> (01) (withn terminal)
1 Archetypomyys erlangeri 0 --> (01) (withn terminal)
1 Tribosphenomyys m 0 --> (01) (withn terminal)
1 Bugtiomyys zafaruli 0 --> (01) (withn terminal)
1 node_209 0 ==> 1 node_207
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1 Eosteomyys homo 1 --> (01) (withn terminal)
1 Neosteomyys patagonicus 1 --> (01) (withn terminal)
1 Erethizon dorsatum 1 --> (01) (withn terminal)
1 Coendou prehensilis 1 --> (01) (withn terminal)
1 Steiromyys detentus 1 --> (01) (withn terminal)
1 Chaetomyys subsp. 1 --> (01) (withn terminal)
1 Palaeosteomyys 1 --> (01) (withn terminal)

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181 (Mesoloph on M) 0.889

Hsearch_Consensus.out

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1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_190 1 ==> 0 Cavi ocricetus Lu
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 0 --> (012) (wi thi n
termi nal)
2 Birbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)

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182 (*Length of th) 0.625

Hsearch_Consensus.out

2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
1 node_212 0 --> 1 node_120
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 1 --> (012) (wi thi n
termi nal)
1 node_210 0 --> 1 node_209
2 Eostei romys homo 1 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
1 node_126 1 --> 0 node_125
2 Erethi zon dorsat 0 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 1 --> (012) (wi thi n
termi nal)
1 node_141 1 ==> 0 Pal aeostei romys
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 1 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 1 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 1 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
2 Dasyprocta 1 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 1 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 1 --> (012) (wi thi n
termi nal)
2 Chi nchi lla lani g 1 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
2 Leucokephal os ze 1 --> (012) (wi thi n
termi nal)
1 node_166 1 --> 0 node_163
2 Deseadomys aramb 0 --> (012) (wi thi n
termi nal)
1 node_166 1 --> 2 node_165
2 Gal ileomys euryg 2 --> (012) (wi thi n
termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 1 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Thrichomys apere 1 --> terminal
1 node_173 1 --> 0 node_172
2 Echi mys chrysuru 0 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 1 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
2 Adelphomys candi 1 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
terminal)
2 Cavi ocricetus lu 1 --> (012) (wi thi n
terminal)
2 Ple si acarechi mys 1 --> (012) (wi thi n
terminal)
1 Sal lamys pascual 1 --> (01) (wi thi n terminal)
1 node_196 1 ==> 0 Mayomys confl uen
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
terminal)
183 (Li ngual conne) 0.810
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 Coendou prehensi 1 --> (01) (wi thi n terminal)
1 Pal aeostei romys 1 --> (01) (wi thi n terminal)
1 Dasyprocta 1 --> (01) (wi thi n terminal)
1 node_195 1 ==> 0 node_161
1 node_160 0 ==> 4 node_159
3 Incamys bol i vi an 4 --> (0124) (wi thi n
terminal)
1 Mi croscleromys p 4 --> (04) (wi thi n terminal)
1 node_143 4 ==> 0 Scl eromys quadra
1 node_145 4 ==> 0 Di nomys brani cki
1 Chambi ramys syl v 4 --> (24) (wi thi n terminal)
1 Eoi ncamys val ver 0 --> (03) (wi thi n terminal)
1 node_166 1 --> 5 node_165
1 node_167 1 ==> 0 Wi lli dewu estepa
1 node_176 1 --> 4 node_175
2 Sal lamys pascual 1 --> (014) (wi thi n
terminal)
1 Eobrani samys rom 1 --> (01) (wi thi n terminal)
1 Tarapotomys mayo 1 --> (01) (wi thi n terminal)
184 (Doubl e l i ngua) 1.000
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

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1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 node_122 0 ==> 1 Canaani mys maqui
1 Eosteir omys homo 0 --> (01) (wi thi n termi nal)
1 Neosteir omys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Steir omys detent 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austr a 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_141 1 --> 0 node_130
1 Hypsosteir omys a 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

	1	Brani samys luri b	1	-->	(13)	(wi thi n terminal)
	1	Dasyprocta	1	-->	(01)	(wi thi n terminal)
	1	node_160	1	-->	4	node_159
	2	Incamys bolivi an	4	-->	(034)	(wi thi n terminal)
	1	node_149	4	==>	0	node_148
	1	node_144	0	==>	4	Drytomomys aequa
	1	node_176	1	-->	4	node_175
	2	Sal lamys pascual	1	-->	(014)	(wi thi n terminal)
	1	node_199	1	==>	0	Eobranisamys rom
	1	node_210	1	==>	0	Metaphimys scha
186 (Double lingua) 1.000	1	Phi omys hammudai	0	-->	(01)	(wi thi n terminal)
	1	Eoincamys val ver	0	-->	(02)	(wi thi n terminal)
	1	node_176	0	-->	3	node_175
187 (Hypocone on M) 1.000	1	Eosal lamys paul a	0	-->	(01)	(wi thi n terminal)
	1	node_219	1	==>	0	Archetypomys erl
	1	Asteromys punctu	1	-->	(01)	(wi thi n terminal)
	1	Dolichotis patag	1	-->	(01)	(wi thi n terminal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n terminal)
	1	Cavia aperea	1	-->	(01)	(wi thi n terminal)
	1	Galea spixii	1	-->	(01)	(wi thi n terminal)
	1	Lagostomus maxi m	1	-->	(01)	(wi thi n terminal)
	1	Eoviscaccia fras	1	-->	(01)	(wi thi n terminal)
	1	Leucokephalos ze	1	-->	(01)	(wi thi n terminal)
	1	Xenodontomys sim	1	-->	(01)	(wi thi n terminal)
	1	Ctenomys bolivie	1	-->	(01)	(wi thi n terminal)
	1	Neophanomys bipl	1	-->	(01)	(wi thi n terminal)
	1	Pi thanotomys col	1	-->	(01)	(wi thi n terminal)
	1	Octodon degus	1	-->	(01)	(wi thi n terminal)
	1	Spalacopus cyanu	1	-->	(01)	(wi thi n terminal)
	1	Abrocoma bennett	1	-->	(01)	(wi thi n terminal)
188 (Hypocone on M) 0.500	1	Archetypomys erl	0	-->	(01)	(wi thi n terminal)
	1	Tri bosphenomys m	0	-->	(01)	(wi thi n terminal)
	1	node_218	0	-->	1	node_217
	1	Rei throparamys d	1	-->	(01)	(wi thi n terminal)
	1	node_215	1	==>	0	Chapattimys wils
	1	Asteromys punctu	1	-->	(01)	(wi thi n terminal)
	1	Dolichotis patag	1	-->	(01)	(wi thi n terminal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n terminal)
	1	Cavia aperea	1	-->	(01)	(wi thi n terminal)
	1	Galea spixii	1	-->	(01)	(wi thi n terminal)
	1	Mi croscleromys p	1	-->	(01)	(wi thi n terminal)
	1	Scleromys quadra	1	-->	(01)	(wi thi n terminal)
	1	Scleromys angust	1	-->	(01)	(wi thi n terminal)
	1	Lagostomus maxi m	1	-->	(01)	(wi thi n terminal)
	1	Eoviscaccia fras	1	-->	(01)	(wi thi n terminal)
	1	Eoviscaccia aust	1	-->	(01)	(wi thi n terminal)
	1	Scleromys praecu	1	-->	(01)	(wi thi n terminal)
	1	Chambaramys shi p	1	-->	(01)	(wi thi n terminal)
	1	Chambaramys sylv	1	-->	(01)	(wi thi n terminal)
	1	Leucokephalos ze	1	-->	(01)	(wi thi n terminal)
	1	Xenodontomys sim	1	-->	(01)	(wi thi n terminal)
	1	Ctenomys bolivie	1	-->	(01)	(wi thi n terminal)
	1	Neophanomys bipl	1	-->	(01)	(wi thi n terminal)
	1	Pi thanotomys col	1	-->	(01)	(wi thi n terminal)
	1	Octodon degus	1	-->	(01)	(wi thi n terminal)
	1	Spalacopus cyanu	1	-->	(01)	(wi thi n terminal)
	1	Abrocoma bennett	1	-->	(01)	(wi thi n terminal)
	1	Plesi acarechi mys	1	-->	(01)	(wi thi n terminal)
189 (Development o) 1.000	1	Tarapotomys suba	1	-->	(01)	(wi thi n terminal)
	1	Archetypomys erl	0	-->	(01)	(wi thi n terminal)
	1	node_218	0	==>	1	node_217
	1	Asteromys punctu	1	-->	(01)	(wi thi n terminal)
	1	Dolichotis patag	1	-->	(01)	(wi thi n terminal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n terminal)
	1	Cavia aperea	1	-->	(01)	(wi thi n terminal)
	1	Galea spixii	1	-->	(01)	(wi thi n terminal)

Hsearch_Consensus.out

1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
190 (Development o) 0.333
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 node_120 1 ==> 0 'Waslamys' attia
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_214 1 --> 0 Baluchimys barry
191 (Position of t) 0.286
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_119 0 ==> 1 Bugtymys zafarul
1 node_125 0 ==> 1 Erethizon dorsat
1 node_129 0 ==> 1 Hypsosteiromys a
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_140 0 --> 1 node_139
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_142 0 ==> 1 Microscleromys p
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

192 (Position of t) 0.154

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1 Prospaniomyx pri 0 --> (01) (with in terminal)
1 Spaniomyx ripari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Maruchito trifid 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi 0 --> (01) (with in terminal)
1 Neophanomyx bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prosthichomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Thryonomys swind 0 --> (01) (with in terminal)
1 node_214 0 ==> 1 Baluchimys barry
1 Archetypomys eri 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 node_213 0 ==> 1 Ottomaniaproavi
1 node_119 0 ==> 1 Bugtimys zafarul
1 node_207 0 ==> 1 Phiomys hammudai
1 node_127 0 --> 1 node_126
1 node_123 1 --> 0 Braniamyopsis a
1 node_125 1 --> 0 Coendou prehensi
1 Hypsosteiromys a 0 --> (01) (with in terminal)
1 Palaeosteiromys 0 --> (01) (with in terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 Neoreomys austral 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 node_142 0 ==> 1 Microscleromys p
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Chinchilla lani g 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Eviscaccia fras 0 --> (01) (with in terminal)
1 Eviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Prospaniomyx pri 0 --> (01) (with in terminal)
1 Spaniomyx ripari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Proechimys cuvie 0 --> (01) (with in terminal)
1 Maruchito trifid 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi 0 --> (01) (with in terminal)
1 Neophanomyx bipl 0 --> (01) (with in terminal)

```

Hsearch_Consensus.out

193 (Position of t) 1.000

```

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1   node_188 0 ==> 1 Dudumus rui gomez
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1   node_191 0 ==> 1 Ple si acarechi mys
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1   node_204 0 --> 1 node_203
1   node_202 1 --> 0 Tarapotomys suba
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1   node_120 0 ==> 1 node_119
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Microsscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1   node_215 0 ==> 1 node_214
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)

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194 (Anterior arm) 1.000

Hsearch_Consensus.out

195 (Connection of) 1.000

196 (Pronounced AA) 0.742

```

1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_213 0 ==> 1 Ottomani a proavi
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia apera 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pi thanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 node_201 0 --> 1 node_198
1 node_141 1 --> 0 node_130
1 Brani samyopsis a 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Steiromys detent 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 node_137 1 --> 0 node_136
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia apera 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 Brani samys luri b 1 --> (01) (with in terminal)
1 node_140 1 --> 0 node_139
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 node_148 1 ==> 0 node_147
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoincamys val ver 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 node_167 1 ==> 0 node_166

```

Hsearch_Consensus.out

```

1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1   node_189 1 --> 0 node_188
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1   node_176 0 ==> 1 node_175
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1   node_208 0 ==> 1 Thryonomys swi nd
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1   node_201 0 ==> 1 node_198
1   node_130 1 ==> 0 node_128
1   node_123 0 ==> 1 Brani samyopsi s a
1   node_125 0 ==> 1 Erethi zon dorsat
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1   node_137 1 --> 0 node_136
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavi a aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1   node_140 1 --> 0 node_139
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1   node_148 1 ==> 0 node_147
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1   node_192 1 ==> 0 node_167
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1   node_165 0 ==> 1 node_164
1   node_188 1 ==> 0 node_187
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)

```

197 (Pronounced AA) 0.435

Hsearch_Consensus.out

```

1      node_171 0 ==> 1 Thrichomys apere
1 Makalata di delph 0 --> (01) (within terminal)
1      node_176 0 ==> 1 node_175
1 Euryzygomatomys 1 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Prosthichomys bow 0 --> (01) (within terminal)
1 Plesiacarechymys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eobraniamys rom 0 --> (01) (within terminal)
1      node_203 0 ==> 1 Pozomys ucayalie
1 Tarapotomys mayo 0 --> (01) (within terminal)
1      node_209 0 --> 1 node_208
1 Paraphimys pi go 1 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
198 (Tendency prot) 0.769
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys di spi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Neosteironomys pat 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austr 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1      node_195 0 --> 1 node_161
1      node_154 1 --> 0 node_142
1 Incamys bolivi 0 --> (01) (within terminal)
1      node_148 1 ==> 0 node_147
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Makalata di delph 0 --> (01) (within terminal)
1      node_176 0 ==> 1 node_175
1 Euryzygomatomys 1 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prosthichomys bow 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
199 (Metacone on M) 0.444
1 Eoespina woodi -E 0 --> (01) (within terminal)
1      node_137 0 --> 1 node_136
1 Asteromys punctu 1 --> (01) (within terminal)

```

Hsearch_Consensus.out

```

1 Dolichotis patag 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1   Cavia aperea 1 --> (01) (withn terminal)
1   Galea spixii 1 --> (01) (withn terminal)
1 Perimys intermed 1 --> (01) (withn terminal)
1   node_197 0 --> 1 node_196
1   node_195 1 --> 0 node_161
1   node_158 0 ==> 1 node_157
1 Incamys bolivi an 1 --> (01) (withn terminal)
1   node_149 1 --> 0 node_148
1 Neoeplema ambr 0 --> (01) (withn terminal)
1 Chinchilla lanig 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Eviscaccia fras 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1 Spaniomys ripari 1 --> (01) (withn terminal)
1 Myocastor coypus 1 --> (01) (withn terminal)
1 Proechimys cuvie 1 --> (01) (withn terminal)
1 Maruchito trilof 1 --> (01) (withn terminal)
1 Thrichomys apere 1 --> (01) (withn terminal)
1 Echymys chrysuru 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pithanotomys col 1 --> (01) (withn terminal)
1   Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1 Adelphomys candi 1 --> (01) (withn terminal)
1 Prostichomys bow 1 --> (01) (withn terminal)
1 Stichomys regula 1 --> (01) (withn terminal)
1 Pampamys emmonsa 1 --> (01) (withn terminal)
1 Plesiacaraechi mys 1 --> (01) (withn terminal)
1   node_204 0 --> 1 node_203
1 Pozomys ucayalie 1 --> (01) (withn terminal)
1 Tarapotomys mayo 1 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1   Cavia aperea 0 --> (01) (withn terminal)
1   Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austr 0 --> (01) (withn terminal)
1   node_158 0 --> 1 node_157
1 Incamys bolivi an 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1   node_150 1 --> 0 node_149
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Neoeplema ambr 0 --> (01) (withn terminal)
1 Chinchilla lanig 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Eviscaccia fras 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys shi p 1 --> (01) (withn terminal)
1 Chambi ramys syl v 0 --> (01) (withn terminal)

```

200 (Metacone on M) 0.500

Hsearch_Consensus.out

```

1 Eoincamys valver 0 --> (01) (within terminal)
1   node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1   node_167 1 ==> 0 Willidewu estepa
1 Spaniomyss ripari 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrysuru 1 --> (01) (within terminal)
1   node_174 1 ==> 0 Protadelphomys I
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1   Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prosthichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Plesiacaarechimy 1 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1   node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (within terminal)
1   node_118 0 ==> 1 Birbalomys sonda
1   node_215 0 ==> 1 Chapattimys wils
1   node_120 0 ==> 1 'Waslamys' attia
1   node_207 0 ==> 1 node_206
2 Eoespina woodi -E 1 --> (012) (within terminal)
1   node_130 1 --> 2 node_129
2 Chaetomys subspi 2 --> (012) (within terminal)
2 Palaeosteioromys 1 --> (012) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
2 Dolichotis patag 1 --> (012) (within terminal)
2 Hydrochoerus hyd 1 --> (012) (within terminal)
2   Cavia aperea 1 --> (012) (within terminal)
2   Galea spixii 1 --> (012) (within terminal)
2 Perimys intermed 1 --> (012) (within terminal)
2 Neoreomys austra 1 --> (012) (within terminal)
2   Dasypsecta 1 --> (012) (within terminal)
2 Cuniculus paca-t 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)
2 Drytomomys aequa 1 --> (012) (within terminal)

```

201 (*Development) 0.400

Hsearch_Consensus.out

2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
2 Neoeppi blema ambr 1 --> (012) (wi thi n
termi nal)
2 Chinchilla lanig 1 --> (012) (wi thi n
termi nal)
2 Lagidium viscaci 1 --> (012) (wi thi n
termi nal)
2 Lagostomus maxim 1 --> (012) (wi thi n
termi nal)
2 Scleromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eoviscaccia fras 1 --> (012) (wi thi n
termi nal)
2 Eoviscaccia aust 1 --> (012) (wi thi n
termi nal)
2 Scleromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambiramys ship 1 --> (012) (wi thi n
termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 node_159 1 ==> 2 Chambiramys sylv
1 node_161 1 ==> 2 Eoincamys ameghi
2 Draconomys verai 1 --> (012) (wi thi n
termi nal)
2 Leucokephalos ze 1 --> (012) (wi thi n
termi nal)
2 Platypittamys br 1 --> (012) (wi thi n
termi nal)
2 Deseadomys aramb 1 --> (012) (wi thi n
termi nal)
2 Acaremys murinus 1 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 1 --> (012) (wi thi n
termi nal)
2 Galileomys euryg 1 --> (012) (wi thi n
termi nal)
2 Willidewu estepa 1 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 1 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 1 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvie 1 --> (012) (wi thi n
termi nal)
2 Maruchito trilof 1 --> (012) (wi thi n
termi nal)
2 Thrichomys apere 1 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 1 --> (012) (wi thi n
termi nal)
2 Makalata didelph 1 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 1 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 1 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
termi nal)
2 Xenodontomys sim 1 --> (012) (wi thi n
termi nal)
2 Ctenomys bolivie 1 --> (012) (wi thi n
termi nal)
2 Neophanomys bipl 1 --> (012) (wi thi n

Hsearch_Consensus.out

2 *Pi thanotomys col* 1 --> terminal
 (012) (wi thi n
 terminal)
 2 *Octodon degus* 1 --> (012) (wi thi n
 terminal)
 2 *Spalacopus cyanu* 1 --> (012) (wi thi n
 terminal)
 2 *Abrocoma bennett* 1 --> (012) (wi thi n
 terminal)
 2 *Adelphomys candi* 1 --> (012) (wi thi n
 terminal)
 2 *Prostichomys bow* 1 --> (012) (wi thi n
 terminal)
 2 *Stichomys regula* 1 --> (012) (wi thi n
 terminal)
 2 *Dudumus rui gomez* 1 --> (012) (wi thi n
 terminal)
 2 *Pampamys emmonsa* 1 --> (012) (wi thi n
 terminal)
 2 *Caviocricetus lu* 1 --> (012) (wi thi n
 terminal)
 2 *Plesiacaraechi mys* 1 --> (012) (wi thi n
 terminal)
 2 *Sallamys pascual* 1 --> (012) (wi thi n
 terminal)
 2 *Mayomys confluen* 1 --> (012) (wi thi n
 terminal)
 2 *Pozomys ucayalie* 1 --> (012) (wi thi n
 terminal)
 1 *Tarapotomys mayo* 1 --> (12) (wi thi n terminal)
 2 *Tarapotomys suba* 1 --> (012) (wi thi n
 terminal)
 1 node_206 1 ==> 2 *Cachiyacuy kumme*
 1 *Archetypomys erl* 0 --> (01) (wi thi n terminal)
 1 *Tribosphenomys m* 0 --> (01) (wi thi n terminal)
 1 *Canaani mys maqui* 0 --> (01) (wi thi n terminal)
 1 *Steirromys detent* 0 --> (01) (wi thi n terminal)
 1 node_130 0 --> 1 node_129
 1 *Chaetomys subspi* 1 --> (01) (wi thi n terminal)
 1 *Australoprocta f* 0 --> (01) (wi thi n terminal)
 1 *Luantus propheti* 0 --> (01) (wi thi n terminal)
 1 *Asteromys punctu* 0 --> (01) (wi thi n terminal)
 1 *Dolichotis patag* 0 --> (01) (wi thi n terminal)
 1 *Hydrochoerus hyd* 0 --> (01) (wi thi n terminal)
 1 *Cavia aperea* 0 --> (01) (wi thi n terminal)
 1 *Galea spixii* 0 --> (01) (wi thi n terminal)
 1 *Perimys intermed* 0 --> (01) (wi thi n terminal)
 1 *Neoreomys austra* 0 --> (01) (wi thi n terminal)
 1 *Dasyprocta* 0 --> (01) (wi thi n terminal)
 1 *Cuniculus paca-t* 0 --> (01) (wi thi n terminal)
 1 node_196 0 ==> 1 node_195
 1 *Eoincamys pascua* 1 --> (01) (wi thi n terminal)
 1 *Microscleromys p* 1 --> (01) (wi thi n terminal)
 1 *Scleromys quadra* 1 --> (01) (wi thi n terminal)
 1 *Scleromys angust* 1 --> (01) (wi thi n terminal)
 1 *Drytomomys aequa* 1 --> (01) (wi thi n terminal)
 1 *Potamarchus muri* 1 --> (01) (wi thi n terminal)
 1 *Diomys branicki* 1 --> (01) (wi thi n terminal)
 1 *Neoeptiblema ambr* 1 --> (01) (wi thi n terminal)
 1 *Chinchilla lani g* 1 --> (01) (wi thi n terminal)
 1 *Lagidium viscaci* 1 --> (01) (wi thi n terminal)
 1 *Lagostomus maxi m* 1 --> (01) (wi thi n terminal)
 1 *Scleromys osborn* 1 --> (01) (wi thi n terminal)
 1 *Garridomys curnu* 1 --> (01) (wi thi n terminal)
 1 *Eoviscaccia fras* 1 --> (01) (wi thi n terminal)
 1 *Eoviscaccia aust* 1 --> (01) (wi thi n terminal)
 1 *Scleromys praecu* 1 --> (01) (wi thi n terminal)
 1 *Chambarmys shi p* 1 --> (01) (wi thi n terminal)

202 (Development o) 0.400

Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 node_200 0 ==> 1 node_199
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 node_208 0 ==> 1 Thryonomys swind
 1 node_218 0 --> 1 node_219
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 ==> 2 Tri bosphenomys m
 1 node_218 0 --> 1 node_217
 1 node_118 1 ==> 2 Bi rbal omys sonda
 1 node_215 1 ==> 2 Chapatti mys wi ls
 1 Ottomani a proavi 1 --> (12) (wi thi n termi nal)
 1 node_126 1 ==> 2 node_124
 1 node_129 1 ==> 2 Hypsosteir omys a
 2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
 2 Dolichotis patag 1 --> (012) (wi thi n
termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n
termi nal)
 2 Cavia aperea 1 --> (012) (wi thi n
termi nal)
 2 Galea spi xii 1 --> (012) (wi thi n
termi nal)
 2 Perimys intermed 1 --> (012) (wi thi n
termi nal)
 2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
 1 node_138 1 ==> 2 Brani samys luri b
 1 Dasyprocta 1 --> (12) (wi thi n termi nal)
 2 Cuniculus paca-t 1 --> (012) (wi thi n
termi nal)

203 (*Position of) 0.385

Hsearch_Consensus.out

```
1 node_198 1 ==> 2 node_197
2 Eoincamys pascua 2 --> (012) (w i t h i n
termi nal )
2 Microscleromys p 2 --> (012) (w i t h i n
termi nal )
2 Scleromys quadra 2 --> (012) (w i t h i n
termi nal )
2 Scleromys angust 2 --> (012) (w i t h i n
termi nal )
2 Drytomomys aequa 2 --> (012) (w i t h i n
termi nal )
2 Potamarchus muri 2 --> (012) (w i t h i n
termi nal )
2 Neoeptiblenema ambr 2 --> (012) (w i t h i n
termi nal )
2 Chionchilalania g 2 --> (012) (w i t h i n
termi nal )
2 Lagidium viscaci 2 --> (012) (w i t h i n
termi nal )
2 Lagostomus maxi m 2 --> (012) (w i t h i n
termi nal )
2 Scleromys osborn 2 --> (012) (w i t h i n
termi nal )
2 Garridomys curnu 2 --> (012) (w i t h i n
termi nal )
2 Eoviscaccia fras 2 --> (012) (w i t h i n
termi nal )
2 Eoviscaccia aust 2 --> (012) (w i t h i n
termi nal )
2 Scleromys praecu 2 --> (012) (w i t h i n
termi nal )
2 Chambiramys shi p 2 --> (012) (w i t h i n
termi nal )
2 Eoincamys parvus 2 --> (012) (w i t h i n
termi nal )
2 Draconomys verai 2 --> (012) (w i t h i n
termi nal )
2 Leucokephalos ze 2 --> (012) (w i t h i n
termi nal )
2 Platypittamys br 2 --> (012) (w i t h i n
termi nal )
2 Deseadomys aramb 2 --> (012) (w i t h i n
termi nal )
2 Acaremys murinus 2 --> (012) (w i t h i n
termi nal )
2 Sci amys pri nci pa 2 --> (012) (w i t h i n
termi nal )
2 Galileomys euryg 2 --> (012) (w i t h i n
termi nal )
2 Willidewu estepa 2 --> (012) (w i t h i n
termi nal )
2 Prospani omys pri 2 --> (012) (w i t h i n
termi nal )
2 Spani omys ri pari 2 --> (012) (w i t h i n
termi nal )
2 Myocastor coypus 2 --> (012) (w i t h i n
termi nal )
2 Proechi mys cuvie 2 --> (012) (w i t h i n
termi nal )
2 Maruchito tril of 2 --> (012) (w i t h i n
termi nal )
2 Thrichomys apere 2 --> (012) (w i t h i n
termi nal )
2 Echi mys chrysuru 2 --> (012) (w i t h i n
termi nal )
2 Makalata di del ph 2 --> (012) (w i t h i n
termi nal )
2 Protadel phomys l 2 --> (012) (w i t h i n
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Hsearch_Consensus.out

```

2 Euryzygomatomys 2 --> terminal
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adelphomys candi 2 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 2 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 2 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
terminal)
2 Cavi ocri cetus lu 2 --> (012) (wi thi n
terminal)
2 Pl esi acarechi mys 2 --> (012) (wi thi n
terminal)
2 Sal lamys pascual 2 --> (012) (wi thi n
terminal)
2 Mayomys confl uen 2 --> (012) (wi thi n
terminal)
1 Eobrani samys rom 1 --> (01) (wi thi n terminal)
2 Eobrani samys jav 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
1 node_209 1 ==> 2 node_208
1 node_219 1 ==> 0 Archetypomys erl
1 Bi rbal omys sonda 1 --> (01) (wi thi n terminal)
1 Tamquammys di spi 1 --> (01) (wi thi n terminal)
1 Ottomaniana proavi 1 --> (01) (wi thi n terminal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n terminal)
1 Chaetomys subspi 1 --> (01) (wi thi n terminal)
1 Pal aeostei romys 1 --> (01) (wi thi n terminal)
1 Australoprocta f 1 --> (01) (wi thi n terminal)
1 Luantus propheti 1 --> (01) (wi thi n terminal)
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Dol i choti s patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavi a aperea 1 --> (01) (wi thi n terminal)
1 Galea spi xi i 1 --> (01) (wi thi n terminal)
1 Peri mys i ntermed 1 --> (01) (wi thi n terminal)
1 Neoreomys austra 1 --> (01) (wi thi n terminal)
1 Dasyprocta 1 --> (01) (wi thi n terminal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n terminal)
1 node_158 1 --> 0 node_157
1 Eoi ncamys pascua 0 --> (01) (wi thi n terminal)
1 Incamys bol i vi an 0 --> (01) (wi thi n terminal)
1 Mi croscl eromys p 0 --> (01) (wi thi n terminal)
1 Scl eromys quadra 0 --> (01) (wi thi n terminal)

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204 (Anterior arm) 0.714

Hsearch_Consensus.out

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1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 node_161 1 ==> 0 Eoi ncamys ameghi
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 node_214
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 node_141 1 --> 0 node_140
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)

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205 (Thi ckness of) 0.600

Hsearch_Consensus.out

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1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys australis 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 node_200 1 ==> 0 Shapaj amys laboc
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 node_204 1 ==> 0 node_203
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 node_210 1 ==> 0 Metaphi omys scha
1 node_215 0 ==> 1 Chapatti mys wils
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 node_212 0 --> 1 node_120
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 node_210 0 --> 1 node_209
1 node_207 1 --> 0 Phi omys hammudai
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Protoste i romys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoste i romys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 node_129 1 ==> 0 Chaetomys subspi
1 Pal aeoste i romys 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austr 1 --> (01) (w i t h i n t e r m i n a l )
1 node_138 1 ==> 0 Brani samys luri b
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 node_159 1 --> 0 node_158
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_142
1 Mi croscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepti blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

207 (Posteroloph-m) 0.750

1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachiyacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys braniccki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_159 0 ==> 1 Chambi ramys syl v
 1 node_161 0 ==> 1 Eoincamys ameghi
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platyptamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 node_208 0 ==> 1 Thryonomys swi nd
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 node_217
 1 node_118 1 --> 0 Rei throparamys d
 1 node_213 1 ==> 0 Ottomani a proavi
 1 node_122 1 ==> 0 node_121
 1 node_198 1 --> 0 node_141
 1 node_141 0 --> 1 node_130
 1 Neosteir omys pat 1 --> (01) (wi thi n termi nal)
 1 node_129 1 --> 0 Chaetomys subspi
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 node_154 1 --> 0 node_153
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)

208 (Posterior iso) 0.100

Hsearch_Consensus.out

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1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 node_196 1 ==> 0 Mayomys confluen
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_210 1 ==> 0 Metaphiomys scha
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 node_197 0 --> 1 node_196
1 node_161 1 --> 0 node_160
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Dinomys branicki 0 --> (01) (with in terminal)
 1 Neopeblema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys ship 0 --> (01) (with in terminal)
 1 Chambi ramys sylv 0 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platypittamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Acaremys murinus 1 --> (01) (with in terminal)
 1 Sci amys principa 1 --> (01) (with in terminal)
 1 Galileomys euryg 1 --> (01) (with in terminal)
 1 Prospani omys pri 1 --> (01) (with in terminal)
 1 Spani omys ripari 1 --> (01) (with in terminal)
 1 Myocastor coypus 1 --> (01) (with in terminal)
 1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimy s chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelph 1 --> (01) (with in terminal)
 1 Protadelphomys l 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi e 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosti chomys bow 1 --> (01) (with in terminal)
 1 Sti chomys regula 1 --> (01) (with in terminal)
 1 Dudumus rui gomez 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Cavi ocri cetus lu 1 --> (01) (with in terminal)
 1 Plesi acarechi mys 1 --> (01) (with in terminal)
 1 Sall amys pascual 1 --> (01) (with in terminal)
 1 Mayomys confl uen 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 node_208 0 ==> 1 Thryonomys swind
 1 Metaphi omys scha 0 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 node_126 0 ==> 1 node_125
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Neopeblema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)

210 (Mesostyle and) 1.000

Hsearch_Consensus.out

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1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys ship 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sciamys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomys pri 0 --> (01) (withn terminal)
1 Spaniomys ripari 0 --> (01) (withn terminal)
1 Myocastor coypus 0 --> (01) (withn terminal)
1 Proechimys cuvie 0 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echimys chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivi e 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pi thanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prostichomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Plesi acarechi mys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Tri bosphenomys m 0 --> (01) (withn terminal)
1 Cachi yacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 node_127 0 ==> 1 Stei romys detent
1 Hypsostei romys a 0 --> (01) (withn terminal)
1 node_136 0 --> 1 node_135
1 Asteromys punctu 1 --> (01) (withn terminal)
1 Dolichotis patag 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1 Cavia aperea 1 --> (01) (withn terminal)
1 Galea spixii 1 --> (01) (withn terminal)
1 node_197 0 ==> 1 node_196
1 node_161 1 --> 0 node_160
1 node_159 0 --> 1 node_158
1 Incamys bolivi an 1 --> (01) (withn terminal)
1 node_148 1 ==> 0 node_145
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Proechimys cuvie 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivi e 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 212 (Metaloph on M) 0.615
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsosteiromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_197 0 --> 1 node_196
 1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_150 1 --> 0 node_149
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_158 1 ==> 0 Eoincamys parvus
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_194 1 --> 0 node_162
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_174 1 ==> 0 Protadelphomys l
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_203 0 --> 1 node_202
 213 (Height of the) 0.667
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_137 2 --> 0 node_136
 1 node_139 2 ==> 1 Dasyprocta
 1 node_195 2 --> 0 node_194
 214 (Posteroloph s) 0.846
 1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafaral 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_204 0 ==> 1 node_201
 1 Protosteiromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteiromys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Braniamyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteiromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Steiromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 node_137 1 ==> 0 node_136
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 node_153 1 --> 0 node_150
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepeblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 node_194 1 --> 0 node_193
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 node_176 0 --> 1 node_175
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Metaphomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (13) (wi thi n termi nal)
1 node_212 1 --> 2 node_211
1 node_211 2 --> 3 node_210
1 Phiomys hammudai 3 --> (13) (wi thi n termi nal)
1 Cachi yacuy conta 3 --> (03) (wi thi n termi nal)
1 node_122 3 ==> 2 Canaanimys maqui
1 Coendou prehensi 3 --> (03) (wi thi n termi nal)
1 Palaeosteioromys 3 --> (23) (wi thi n termi nal)
1 Dasyprocta 3 --> (03) (wi thi n termi nal)
1 node_198 3 --> 0 node_197
1 node_160 0 --> 3 node_159
1 Incamys bolivi an 3 --> (03) (wi thi n termi nal)
1 Drytomomys aequa 3 --> (03) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Eoincamys valver 0 --> (02) (withn terminal)
 1 Eosallamys paula 0 --> (03) (withn terminal)
 1 Shapajamys laboc 3 --> (03) (withn terminal)
 1 Eobraniamys rom 3 --> (03) (withn terminal)
 1 Tarapotomys mayo 3 --> (03) (withn terminal)
 1 node_206 3 ==> 0 Cachi yacuy kumme
 1 Metaphiomyys scha 3 --> (03) (withn terminal)
 1 Baluchimys barry 1 --> (13) (withn terminal)
 216 (Double lingua) 1.000
 1 Ottomaniaproavi 0 --> (01) (withn terminal)
 1 Phiomyys hammudai 0 --> (01) (withn terminal)
 2 Cachi yacuy conta 0 --> (023) (withn terminal)
 1 Coendou prehensi 0 --> (03) (withn terminal)
 1 Dasyprocta 0 --> (03) (withn terminal)
 1 Chambi ramys sylv 0 --> (02) (withn terminal)
 1 Eosallamys paula 0 --> (02) (withn terminal)
 1 Metaphiomyys scha 0 --> (02) (withn terminal)
 217 (Lingual conne) 0.696
 1 Acritophiomyys bo 0 --> (02) (withn terminal)
 1 Ottomaniaproavi 1 --> (01) (withn terminal)
 2 Bugtims zafarul 1 --> (013) (withn terminal)
 1 node_212 1 ==> 2 node_211
 1 node_121 2 ==> 0 Cachi yacuy conta
 1 Canaanimys maqui 2 --> (02) (withn terminal)
 1 node_204 2 ==> 4 node_201
 1 node_123 4 ==> 2 Brani samyopsis a
 2 Coendou prehensi 4 --> (034) (withn terminal)
 1 Brani samys luri b 4 --> (24) (withn terminal)
 1 node_140 4 --> 0 node_139
 2 Dasyprocta 0 --> (034) (withn terminal)
 1 node_198 4 ==> 0 node_197
 1 node_154 0 --> 3 node_142
 1 node_144 0 ==> 4 Potamarchus muri
 1 node_194 0 --> 4 node_162
 1 node_176 0 --> 2 node_175
 1 Eosallamys paula 0 --> (02) (withn terminal)
 1 node_209 2 ==> 4 node_208
 1 Metaphiomyys scha 2 --> (02) (withn terminal)
 1 Acritophiomyys bo 2 --> (23) (withn terminal)
 218 (Double lingua) 1.000
 1 Coendou prehensi 0 --> (03) (withn terminal)
 1 Dasyprocta 0 --> (01) (withn terminal)
 1 Incamys bolivian 0 --> (03) (withn terminal)
 1 node_208 0 ==> 2 Paraphiomyys pi go
 1 Metaphiomyys scha 0 --> (02) (withn terminal)
 219 (Direct metal o) 0.500
 1 node_217 0 --> 1 node_216
 1 node_215 1 --> 0 Chapattimys wils
 1 Asteromys punctu 1 --> (01) (withn terminal)
 1 Dolichotis patag 1 --> (01) (withn terminal)
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)
 1 Cavia aperea 1 --> (01) (withn terminal)
 1 Galea spixii 1 --> (01) (withn terminal)
 1 Perimys intermed 1 --> (01) (withn terminal)
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Microscleromys p 1 --> (01) (withn terminal)
 1 Scleromys quadra 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Neoepiblema ambr 1 --> (01) (withn terminal)
 1 Chinchilla lanig 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Eoviscaccia aust 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Chambi ramys ship 1 --> (01) (withn terminal)

Hsearch_Consensus.out

1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys p r i n c i p a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s c h r y s u r u 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi carechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 ==> 1 node_216
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys p r i n c i p a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)

220 (Direct metal o) 1.000

Hsearch_Consensus.out

1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 221 (Labi al part o) 1.000
 1 node_216 0 ==> 1 node_215
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 222 (Li ngual conne) 0.273
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_215 0 ==> 1 node_214
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 node_140 1 ==> 0 node_138
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austr 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_161
 1 node_156 0 ==> 1 Eoi ncamys pascua
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 node_149 0 --> 1 node_143
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 node_159 0 --> 1 Chambi ramys syl v
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sciamys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_190 1 ==> 0 Cavi ocricetus lu
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Eoste iromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neoste iromys pat 1 --> (01) (wi thi n termi nal)
1 node_127 1 ==> 0 Stei romys detent
1 node_130 1 ==> 0 node_129
1 Pal aeoste iromys 1 --> (01) (wi thi n termi nal)
1 node_138 1 --> 0 node_137
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_139 1 ==> 0 Dasyprocta

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Hsearch_Consensus.out

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1 node_161 1 --> 0 node_160
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 node_154 0 --> 1 node_142
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Dinomys branicki 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 node_167 1 --> 0 node_166
1 Platyptamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Sci amys pri ncipa 0 --> (01) (with in terminal)
1 Galileomys euryg 0 --> (01) (with in terminal)
1 Prospani omys pri 1 --> (01) (with in terminal)
1 node_176 1 --> 0 node_173
1 Spani omys ri pari 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 node_171 0 --> 1 Thrichomys apere
1 Makalata di del ph 0 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivi e 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosthichomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 node_190 1 ==> 0 Cavi ocricetus lu
1 Ple siacarechi mys 1 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 node_200 1 ==> 0 Shapaj amys laboc
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibi a azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phi omys hammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespi na woodi -E 0 --> (01) (with in terminal)
1 Canaani mys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Eosteioromys homo 0 --> (01) (with in terminal)

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224 (Size of the n) 0.200

Hsearch_Consensus.out

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1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_138 0 ==> 1 Brani samys luri b
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 --> 1 node_142
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 node_158 0 ==> 1 Eoi ncamys parvus
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 node_190 0 ==> 1 Cavi ocri cetus lu
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1      node_206 0 --> 1 Cachi yacuy kumme
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1      node_201 1 --> 0 node_198
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1      Cavi a aperea 0 --> (01) (wi thi n termi nal)
1      Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1      node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Pl atypi ttamys br 1 --> (01) (wi thi n termi nal)

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225 (Size of the n) 0.400

Hsearch_Consensus.out

1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Sciamys princi pa 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 node_190 1 --> 0 node_189
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 node_169 0 --> 1 Proechimys cuvie
 1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 node_136 0 --> 1 node_135
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 node_152 0 --> 1 node_151
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 node_165 0 ==> 1 node_164
 1 node_168 0 ==> 1 Myocastor coypus
 1 node_175 0 ==> 1 Mesocapromys/Mys
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 node_181 0 ==> 1 node_180
 1 node_183 0 ==> 1 Abrocoma bennett
 226 (Paraflexus (+) 0.143
 2 node_138 0 --> 2 node_137
 2 node_137 2 --> 0 Australoprocta f
 2 Asteromys punctu 2 --> (012) (wi thi n
 termi nal)
 2 Dol ichoti s patag 2 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n
 termi nal)
 2 Cavi a aperea 2 --> (012) (wi thi n
 termi nal)
 2 Galea spi xi i 2 --> (012) (wi thi n
 termi nal)
 2 Peri mys i ntermed 2 --> (012) (wi thi n
 termi nal)
 2 node_139 0 ==> 2 Dasypsecta
 1 node_143 0 ==> 1 Scleromys angust
 227 (*Reduction of) 0.143

Hsearch_Consensus.out

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2 Lagostomus maxim 0 --> (012) (wi thi n
    terminal)
1      node_152 0 ==> 1 Garri domys curnu
2 Eovi scaccia fras 0 --> (012) (wi thi n
    terminal)
2 Leucokephalos ze 0 --> (012) (wi thi n
    terminal)
1      node_166 0 --> 1 node_165
2 Acaremys murinus 1 --> (012) (wi thi n
    terminal)
2 Sci amys pri nci pa 1 --> (012) (wi thi n
    terminal)
1      node_192 0 --> 1 node_191
1      node_190 1 --> 0 node_189
1      node_169 0 ==> 1 Proechi mys cuvi e
1      node_171 0 ==> 1 Thri chomys apere
1      node_174 0 ==> 1 Euryzygomatomys
2 Xenodontomys si m 0 --> (012) (wi thi n
    terminal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
    terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
    terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
    terminal)
2 Octodon degus 0 --> (012) (wi thi n
    terminal)
2 Spalacopus cyanu 0 --> (012) (wi thi n
    terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
    terminal)
228 (Mesial mesofl) 0.400
1      node_214 0 --> 1 node_213
1 Ottomani a proavi 1 --> (01) (wi thi n terminal)
1      node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Neoepi blema ambr 1 --> (01) (wi thi n terminal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n terminal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n terminal)
1 Lagostomus maxim 1 --> (01) (wi thi n terminal)
1 Eovi scaccia fras 1 --> (01) (wi thi n terminal)
1 Chambi ramys shi p 1 --> (01) (wi thi n terminal)
1 Leucokephalos ze 1 --> (01) (wi thi n terminal)
1 Euryzygomatomys 1 --> (01) (wi thi n terminal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n terminal)
1      node_181 1 --> 0 node_178
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
229 (*Reduction of) 0.167
1      node_179 1 ==> 0 Octodon degus
2 Archetypomys erl 0 --> (012) (wi thi n
    terminal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
    terminal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
    terminal)
2 Rei throparamys d 0 --> (012) (wi thi n
    terminal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
    terminal)
2 Tamquammys di spi 0 --> (012) (wi thi n
    terminal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
    terminal)
1      node_138 0 --> 1 node_137
1      node_137 1 --> 0 Australoprocta f
1      node_137 1 --> 2 node_136
2 Asteromys punctu 2 --> (012) (wi thi n
    terminal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
    terminal)

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Hsearch_Consensus.out

2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavia aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Perimys intermed 2 --> (012) (wi thi n
termi nal)
1 node_139 0 ==> 1 Dasypsecta
1 node_155 0 --> 1 node_154
1 node_142 1 --> 0 Microscleromys p
1 node_149 1 --> 0 node_148
2 Neopibema ambr 0 --> (012) (wi thi n
termi nal)
2 Chinchilla lanig 0 --> (012) (wi thi n
termi nal)
2 Lagidium viscaci 0 --> (012) (wi thi n
termi nal)
2 Lagostomus maxim 0 --> (012) (wi thi n
termi nal)
1 node_152 1 --> 2 node_151
2 Eviscaccia fras 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)
1 node_159 0 ==> 1 Chambi ramys syl v
2 Leucokephalos ze 0 --> (012) (wi thi n
termi nal)
1 node_169 0 ==> 1 Proechimys cuvie
1 node_171 0 ==> 1 Thrichomys apere
2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
termi nal)
2 Xenodontomys sim 0 --> (012) (wi thi n
termi nal)
2 Ctenomys bolivi e 0 --> (012) (wi thi n
termi nal)
2 Neophanomys bipl 0 --> (012) (wi thi n
termi nal)
2 Octodon degus 0 --> (012) (wi thi n
termi nal)
1 node_203 0 ==> 1 Pozomys ucayal i e
2 Baluchimys barry 0 --> (012) (wi thi n
termi nal)
1 node_138 0 --> 1 node_137
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_137 1 --> 0 Neoreomys austra
1 node_160 0 ==> 1 node_159
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 node_144 1 ==> 0 Potamarchus muri
1 Neopibema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)

230 (Posteroflexus) 0.500

Hsearch_Consensus.out

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1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_138 0 --> 1 node_137
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_139 0 ==> 1 Dasypsecta
1 node_195 0 --> 1 node_161
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)

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231 (Reduction of) 0.400

Hsearch_Consensus.out

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1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
1 Sciamys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata delph 0 --> (01) (wi thi n termi nal)
1 node_176 0 --> 1 node_175
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechimy s 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
232 (Hypoflexus on) 0.800
1 node_213 0 --> 1 node_212
1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 node_181 1 --> 0 node_178
234 (*Transversal ) 0.286
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 0 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
2 node_120 0 ==> 2 node_119
2 node_137 0 ==> 2 node_136
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
termi nal)
2 Eoviscaccia fras 0 --> (012) (wi thi n
termi nal)

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Hsearch_Consensus.out

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2 Leucokephalos ze 0 --> (012) (withi n
    terminal)
1     node_168 0 ==> 1 Spani omys ri pari
1     node_175 0 ==> 1 Mesocapromys/Mys
2 Neophanomys bi pl 0 --> (012) (withi n
    terminal)
1     node_186 0 ==> 1 node_185
2 Bal uchi mys barry 0 --> (012) (withi n
    terminal)
235 (Formation of ) 0.200
1     node_137 0 ==> 1 node_136
1 Asteromys punctu 1 --> (01) (withi n terminal)
1 Lagostomus maxi m 0 --> (01) (withi n terminal)
1     node_153 0 ==> 1 node_152
1 Eovi scacci a fras 1 --> (01) (withi n terminal)
1 Leucokephalos ze 0 --> (01) (withi n terminal)
1     node_165 0 ==> 1 node_164
1     node_186 0 --> 1 node_183
1     node_182 1 --> 0 node_176
236 (Number of l ob) 1.000
1 Neophanomys bi pl 1 --> (01) (withi n terminal)
1 Archetypomys erl 1 --> (01) (withi n terminal)
1 Tri bosphenomys m 1 --> (01) (withi n terminal)
1 Cocomys ligchaen 1 --> (01) (withi n terminal)
1 Rei throparamys d 1 --> (01) (withi n terminal)
1 Bi rbal omys sonda 1 --> (01) (withi n terminal)
1 Tamquammys di spi 1 --> (01) (withi n terminal)
1 Chapatti mys wil s 1 --> (01) (withi n terminal)
1 Ottomani a proavi 1 --> (01) (withi n terminal)
1 Bugti mys zafarul 1 --> (01) (withi n terminal)
1 Hodsahi bi a azrae 1 --> (01) (withi n terminal)
1 'Wasl amys' atti a 1 --> (01) (withi n terminal)
1 Phi omys hammudai 1 --> (01) (withi n terminal)
1 Cachi yacuy conta 1 --> (01) (withi n terminal)
1 Eoespi na woodi -E 1 --> (01) (withi n terminal)
1 Canaani mys maqui 1 --> (01) (withi n terminal)
1 Protostei romys m 1 --> (01) (withi n terminal)
1 Eostei romys homo 1 --> (01) (withi n terminal)
1 Brani samyopsi s a 1 --> (01) (withi n terminal)
1 Neostei romys pat 1 --> (01) (withi n terminal)
1 Erethi zon dorsat 1 --> (01) (withi n terminal)
1 Coendou prehensi 1 --> (01) (withi n terminal)
1 Stei romys detent 1 --> (01) (withi n terminal)
1 Hypsostei romys a 1 --> (01) (withi n terminal)
1 Chaetomys subspi 1 --> (01) (withi n terminal)
1 Pal aeostei romys 1 --> (01) (withi n terminal)
1 Australoprocta f 1 --> (01) (withi n terminal)
1 Asteromys punctu 1 --> (01) (withi n terminal)
1 Cavi a aperea 1 --> (01) (withi n terminal)
1 Neoreomys austra 1 --> (01) (withi n terminal)
1 Brani samys luri b 1 --> (01) (withi n terminal)
1 Dasyprocta 1 --> (01) (withi n terminal)
1 Cuni cul us paca-t 1 --> (01) (withi n terminal)
1 Eoi ncamys pascua 1 --> (01) (withi n terminal)
1 Incamys bol i vi an 1 --> (01) (withi n terminal)
1 Mi croscleromys p 1 --> (01) (withi n terminal)
1 Scleromys quadra 1 --> (01) (withi n terminal)
1 Scleromys angust 1 --> (01) (withi n terminal)
1 Drytomomys aequa 1 --> (01) (withi n terminal)
1 Potamarchus muri 1 --> (01) (withi n terminal)
1 Di nomys brani cki 1 --> (01) (withi n terminal)
1 Neoepi bl ema ambr 1 --> (01) (withi n terminal)
1 Chi nchi l l a l ani g 1 --> (01) (withi n terminal)
1 Lagi di um vi scaci 1 --> (01) (withi n terminal)
1 Lagostomus maxi m 1 --> (01) (withi n terminal)
1 Scleromys osborn 1 --> (01) (withi n terminal)
1 Eovi scacci a fras 1 --> (01) (withi n terminal)
1 Scleromys praecu 1 --> (01) (withi n terminal)
1 Chambi ramys shi p 1 --> (01) (withi n terminal)
1 Eoi ncamys parvus 1 --> (01) (withi n terminal)

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Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 node_181 1 --> 0 node_178
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesiacarechimy 1 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
 1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 1 --> (01) (wi thi n termi nal)

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2 Archetypomys erl 1 --> (012) (wi thi n termi nal)
 2 Tribosphenomys m 1 --> (012) (wi thi n termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n termi nal)
 2 Reithroparamys d 1 --> (012) (wi thi n termi nal)
 2 Birbalomys sonda 1 --> (012) (wi thi n termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n termi nal)
 2 Bugtimys zafarul 1 --> (012) (wi thi n termi nal)
 2 Hodsahibi a azrae 1 --> (012) (wi thi n termi nal)
 2 'Waslamys' attia 1 --> (012) (wi thi n termi nal)
 2 Phiomys hammudai 1 --> (012) (wi thi n termi nal)

Hsearch_Consensus.out

2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 1 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 1 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 1 --> (012) (wi thi n
termi nal)
2 Coendou prehensi 1 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 1 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 1 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 ---> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 1 --> (012) (wi thi n
termi nal)
1 node_134 1 ==> 2 Perimys intermed
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Brani samys I uri b 1 --> (012) (wi thi n
termi nal)
2 Dasyprocta 1 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 1 --> (012) (wi thi n
termi nal)
2 Neoepi bl ema ambr 1 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n

Hsearch_Consensus.out

			terminal)
2	Scleromys praecu	1 -->	(012) (wi thi n terminal)
2	Chambiramys shi p	1 -->	(012) (wi thi n terminal)
2	Eoincamys parvus	1 -->	(012) (wi thi n terminal)
2	Chambiramys syl v	1 -->	(012) (wi thi n terminal)
2	Eoincamys val ver	1 -->	(012) (wi thi n terminal)
2	Eoincamys ameghi	1 -->	(012) (wi thi n terminal)
2	Draconomys verai	1 -->	(012) (wi thi n terminal)
2	Leucokephalos ze	1 -->	(012) (wi thi n terminal)
2	Platypittamys br	1 -->	(012) (wi thi n terminal)
2	Deseadomys aramb	1 -->	(012) (wi thi n terminal)
2	Galileomys euryg	1 -->	(012) (wi thi n terminal)
2	Willidewu estepa	1 -->	(012) (wi thi n terminal)
2	Prospaniomyss pri	1 -->	(012) (wi thi n terminal)
2	Spaniomyss ri pari	1 -->	(012) (wi thi n terminal)
2	Myocastor coypus	1 -->	(012) (wi thi n terminal)
2	Proechimys cuvie	1 -->	(012) (wi thi n terminal)
2	Maruchito trilof	1 -->	(012) (wi thi n terminal)
2	Thrichomys apere	1 -->	(012) (wi thi n terminal)
2	Echimyss chrysuru	1 -->	(012) (wi thi n terminal)
2	Makalata di del ph	1 -->	(012) (wi thi n terminal)
2	Protadelphomys l	1 -->	(012) (wi thi n terminal)
2	Euryzygomatomys	1 -->	(012) (wi thi n terminal)
2	Mesocapromys/Mys	1 -->	(012) (wi thi n terminal)
1	node_181	1 -->	0 node_178
2	Neophanomys bi pl	0 -->	(012) (wi thi n terminal)
2	Adelphomys candi	1 -->	(012) (wi thi n terminal)
2	Prostichomys bow	1 -->	(012) (wi thi n terminal)
2	Stichomys regula	1 -->	(012) (wi thi n terminal)
2	Dudumus rui gomez	1 -->	(012) (wi thi n terminal)
2	Pampamys emmonsa	1 -->	(012) (wi thi n terminal)
2	Caviocricetus lu	1 -->	(012) (wi thi n terminal)
2	Plesiacaraechimys	1 -->	(012) (wi thi n terminal)
2	Sallamys pascual	1 -->	(012) (wi thi n terminal)
2	Mayomys confluen	1 -->	(012) (wi thi n terminal)

Hsearch_Consensus.out

	2	Eosallamys paula	1	-->	(012)	(wi thi n	termi nal)
	2	Shapajamys laboc	1	-->	(012)	(wi thi n	termi nal)
	2	Eobrani samys rom	1	-->	(012)	(wi thi n	termi nal)
	2	Eobrani samys jav	1	-->	(012)	(wi thi n	termi nal)
	2	Pozomys ucayalie	1	-->	(012)	(wi thi n	termi nal)
	2	Tarapotomys mayo	1	-->	(012)	(wi thi n	termi nal)
	2	Tarapotomys suba	1	-->	(012)	(wi thi n	termi nal)
	2	Cachi yacuy kumme	1	-->	(012)	(wi thi n	termi nal)
	2	Thryonomys swind	1	-->	(012)	(wi thi n	termi nal)
	2	Paraphi omys pi go	1	-->	(012)	(wi thi n	termi nal)
	2	Metaphi omys scha	1	-->	(012)	(wi thi n	termi nal)
	2	Acri tophi omys bo	1	-->	(012)	(wi thi n	termi nal)
	2	Bal uchi mys barry	1	-->	(012)	(wi thi n	termi nal)
238 (Complete fusi)	1.000	1 Asteromys punctu	0	-->	(01)	(wi thi n	termi nal)
		1 Eoviscaccia fras	0	-->	(01)	(wi thi n	termi nal)
		1 Leucocephalos ze	0	-->	(01)	(wi thi n	termi nal)
		1 node_181	0	-->	1 node_178		
239 (Fusion of the)	1.000	1 Neophanomys bi pl	1	-->	(01)	(wi thi n	termi nal)
		1 Archetypomys erl	0	-->	(01)	(wi thi n	termi nal)
		1 Tri bosphenomys m	0	-->	(01)	(wi thi n	termi nal)
		1 Cocomys ligchaen	0	-->	(01)	(wi thi n	termi nal)
		1 Reithroparamys d	0	-->	(01)	(wi thi n	termi nal)
		1 Birbalomys sonda	0	-->	(01)	(wi thi n	termi nal)
		1 Tamquammys di spi	0	-->	(01)	(wi thi n	termi nal)
		1 Chapattimys wils	0	-->	(01)	(wi thi n	termi nal)
		1 Ottomani a proavi	0	-->	(01)	(wi thi n	termi nal)
		1 Bugtimys zafarul	0	-->	(01)	(wi thi n	termi nal)
		1 Hodsahibi a azrae	0	-->	(01)	(wi thi n	termi nal)
		1 'Waslamys' attia	0	-->	(01)	(wi thi n	termi nal)
		1 Phi omys hammudai	0	-->	(01)	(wi thi n	termi nal)
		1 Cachi yacuy conta	0	-->	(01)	(wi thi n	termi nal)
		1 Eoespina woodi -E	0	-->	(01)	(wi thi n	termi nal)
		1 Canaanimys maqui	0	-->	(01)	(wi thi n	termi nal)
		1 Protosteioromys m	0	-->	(01)	(wi thi n	termi nal)
		1 Eosteioromys homo	0	-->	(01)	(wi thi n	termi nal)
		1 Brani samyopsis a	0	-->	(01)	(wi thi n	termi nal)
		1 Neosteioromys pat	0	-->	(01)	(wi thi n	termi nal)
		1 Erethizon dorsat	0	-->	(01)	(wi thi n	termi nal)
		1 Coendou prehensi	0	-->	(01)	(wi thi n	termi nal)
		1 Steioromys detent	0	-->	(01)	(wi thi n	termi nal)
		1 Hyposteioromys a	0	-->	(01)	(wi thi n	termi nal)
		1 Chaetomys subspi	0	-->	(01)	(wi thi n	termi nal)
		1 Palaeosteioromys	0	-->	(01)	(wi thi n	termi nal)
		1 Australoprocta f	0	-->	(01)	(wi thi n	termi nal)
		1 Asteromys punctu	0	-->	(01)	(wi thi n	termi nal)
		1 Dolichotis patag	0	-->	(01)	(wi thi n	termi nal)
		1 Hydrochoerus hyd	0	-->	(01)	(wi thi n	termi nal)
		1 Cavia aperea	0	-->	(01)	(wi thi n	termi nal)
		1 Galea spixii	0	-->	(01)	(wi thi n	termi nal)
		1 Neoreomys austra	0	-->	(01)	(wi thi n	termi nal)
		1 Brani samys luri b	0	-->	(01)	(wi thi n	termi nal)
		1 Dasyprocta	0	-->	(01)	(wi thi n	termi nal)
		1 Cuniculus paca-t	0	-->	(01)	(wi thi n	termi nal)
		1 Eoincamys pascua	0	-->	(01)	(wi thi n	termi nal)
		1 Incamys bolivi an	0	-->	(01)	(wi thi n	termi nal)

Hsearch_Consensus.out

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1 Miroscleromys p 0 --> (01) (with terminal)
1 Scleromys quadra 0 --> (01) (with terminal)
1 Scleromys angust 0 --> (01) (with terminal)
1 Drytomomys aequa 0 --> (01) (with terminal)
1 Potamarchus muri 0 --> (01) (with terminal)
1 Dinomys branicki 0 --> (01) (with terminal)
1 Neopiblerma ambr 0 --> (01) (with terminal)
1 Chinchilla lanig 0 --> (01) (with terminal)
1 Lagidium viscaci 0 --> (01) (with terminal)
1 Lagostomus maxim 0 --> (01) (with terminal)
1 Scleromys osborn 0 --> (01) (with terminal)
1 Eoviscaccia fras 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> (01) (with terminal)
1 Chambi ramys ship 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Chambi ramys sylv 0 --> (01) (with terminal)
1 Eoincamys valver 0 --> (01) (with terminal)
1 Eoincamys ameghi 0 --> (01) (with terminal)
1 node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (with terminal)
1 Leucokephalos ze 1 --> (01) (with terminal)
1 Platypittamys br 1 --> (01) (with terminal)
1 Deseadomys aramb 1 --> (01) (with terminal)
1 Galileomys euryg 1 --> (01) (with terminal)
1 Willidewu estepa 1 --> (01) (with terminal)
1 Prospaniomys pri 1 --> (01) (with terminal)
1 Spaniomys ripari 1 --> (01) (with terminal)
1 Myocastor coypus 1 --> (01) (with terminal)
1 Proechimys cuvie 1 --> (01) (with terminal)
1 Maruchito trifol 1 --> (01) (with terminal)
1 Thrichomys apere 1 --> (01) (with terminal)
1 Echimyus chrysuru 1 --> (01) (with terminal)
1 Makalata didelph 1 --> (01) (with terminal)
1 Protadelphomys l 1 --> (01) (with terminal)
1 Euryzygomatomys 1 --> (01) (with terminal)
1 Mesocapromys/Mys 1 --> (01) (with terminal)
1 Xenodontomys sim 1 --> (01) (with terminal)
1 Ctenomys bolivi 1 --> (01) (with terminal)
1 Neophanomys bipl 1 --> (01) (with terminal)
1 Adelphomys candi 1 --> (01) (with terminal)
1 Prosthichomys bow 1 --> (01) (with terminal)
1 Stichomys regula 1 --> (01) (with terminal)
1 Dudumus rui gomez 1 --> (01) (with terminal)
1 Pampamys emmonsa 1 --> (01) (with terminal)
1 Caviocricetus lu 1 --> (01) (with terminal)
1 Plesiacarechymys 1 --> (01) (with terminal)
1 Sallamys pascual 1 --> (01) (with terminal)
1 Mayomys confluen 0 --> (01) (with terminal)
1 Eosallamys paula 0 --> (01) (with terminal)
1 Shapajamys laboc 0 --> (01) (with terminal)
1 Eobranisamys rom 0 --> (01) (with terminal)
1 Eobranisamys jav 0 --> (01) (with terminal)
1 Pozomys ucayalie 0 --> (01) (with terminal)
1 Tarapotomys mayo 0 --> (01) (with terminal)
1 Tarapotomys suba 0 --> (01) (with terminal)
1 Cachi yacuy kumme 0 --> (01) (with terminal)
1 Thryonomys swind 0 --> (01) (with terminal)
1 Paraphomys pi go 0 --> (01) (with terminal)
1 Metaphomys scha 0 --> (01) (with terminal)
1 Acritophomys bo 0 --> (01) (with terminal)
1 Baluchimys barry 0 --> (01) (with terminal)
1 Archetypomys erl 1 --> (01) (with terminal)
1 Tribosphenomys m 1 --> (01) (with terminal)
1 Cocomys ligchaen 1 --> (01) (with terminal)
1 Reithroparamys d 1 --> (01) (with terminal)
1 Birbalomys sonda 1 --> (01) (with terminal)
1 Tamquammys di spi 1 --> (01) (with terminal)
1 Chapattimys wils 1 --> (01) (with terminal)

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Hsearch_Consensus.out

1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol i choti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Gale a spi xi i 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_194
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prostichomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampanomys emmonsa 0 --> (01) (with in terminal)
1 Caviocricetus lu 0 --> (01) (with in terminal)
1 Plesiacaechimys 0 --> (01) (with in terminal)
1 Sallamys pascual 0 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Shapajamys laboc 1 --> (01) (with in terminal)
1 Eobranisamys rom 1 --> (01) (with in terminal)
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Cachiycuy kumme 1 --> (01) (with in terminal)
1 Thryonomys swind 1 --> (01) (with in terminal)
1 Paraphimys pi go 1 --> (01) (with in terminal)
1 Metaphimys scha 1 --> (01) (with in terminal)
1 Acritophimys bo 1 --> (01) (with in terminal)
1 Baluchimys barry 1 --> (01) (with in terminal)
241 (Shape of the ) 0.750
1 node_131 2 ==> 0 Hydrochoerus hyd
1 node_134 2 ==> 1 Perimys intermed
1 node_195 2 --> 3 node_194
242 (Shape of the ) 0.750
1 node_179 3 ==> 2 Pithanotomys col
1 node_131 2 ==> 0 Hydrochoerus hyd
1 node_134 2 ==> 1 Perimys intermed
1 node_195 2 --> 3 node_194
243 (Posterior pro) 0.333
1 node_179 3 ==> 2 Pithanotomys col
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibi azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomys hammudai 0 --> (01) (with in terminal)
1 Cachiycuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 node_198 0 --> 1 node_141
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Eosteioromys homo 1 --> (01) (with in terminal)
1 Branisamyopsis a 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Coendou prehensi 1 --> (01) (with in terminal)
1 Steioromys detent 1 --> (01) (with in terminal)
1 Hypsosteioromys a 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 node_131 1 --> 0 Hydrochoerus hyd
1 node_134 1 --> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Branisamys luri b 1 --> (01) (with in terminal)
1 Dasyprocta 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Incamys bolivi an 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neoeptiblema ambr 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pigo 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_139 0 ==> 1 Cuniculus paca-t
1 node_149 0 ==> 1 node_148
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_172
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out
245 (Laminae on pr) 0.200
1 node_129 0 ==> 1 Chaetomys subspi
1 Asteromys punctu 0 --> (01) (withi n termi nal )
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_139 0 ==> 1 Cuniculus paca-t
1 node_149 0 ==> 1 node_148
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal )
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal )
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal )
1 Maruchito trilof 0 --> (01) (wi thi n termi nal )
1 node_173 0 ==> 1 node_172
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal )
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal )
246 (Laminae on wo) 0.500
1 Asteromys punctu 0 --> (01) (wi thi n termi nal )
1 node_149 0 --> 1 node_148
1 node_145 1 --> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal )
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal )
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal )
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal )
247 (Laminae on wo) 0.333
1 Asteromys punctu 0 --> (01) (wi thi n termi nal )
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_149 0 --> 1 node_148
1 node_145 1 --> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal )
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal )
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal )
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal )
248 (*Number of Ia) 0.667
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal )
2 Tribosphenomys m 1 --> (012) (wi thi n
termi nal )
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal )
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal )
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal )
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal )
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal )
2 Ottomaniaproavi 1 --> (012) (wi thi n
termi nal )
2 Bugtimys zafarul 1 --> (012) (wi thi n
termi nal )
2 Hodsahibia azrae 1 --> (012) (wi thi n
termi nal )
2 'Waslamys' attia 1 --> (012) (wi thi n
termi nal )
2 Phiomys hammudai 1 --> (012) (wi thi n
termi nal )
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal )
2 Eoespina woodi -E 1 --> (012) (wi thi n
termi nal )
2 Canaanimys maqui 1 --> (012) (wi thi n
termi nal )
1 node_198 1 --> 2 node_141
2 Protosteioromys m 2 --> (012) (wi thi n
termi nal )
2 Eosteioromys homo 2 --> (012) (wi thi n
termi nal )
2 Braniamyopsis a 2 --> (012) (wi thi n
termi nal )
2 Neosteioromys pat 2 --> (012) (wi thi n
termi nal )
2 Erethizon dorsat 2 --> (012) (wi thi n
termi nal )

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Hsearch_Consensus.out

```
2 Coendou prehensi 2 --> (012) (wi thi n
termi nal)
2 Stei romys detent 2 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Luantus propheti 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 2 --> (012) (wi thi n
termi nal)
2 Dasyprocta 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
2 I ncamys bol i vi an 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
1 node_148 1 --> 2 node_145
1 node_148 1 ==> 0 node_147
2 Lagostomus maxim 0 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)
2 Draconomys verai 1 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 1 --> (012) (wi thi n
termi nal)
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Hsearch_Consensus.out

2 Platypittamys br 1 --> (012) (with terminal)
2 Deseadomys aramb 1 --> (012) (with terminal)
2 Acaremys murinus 1 --> (012) (with terminal)
2 Sci amys principa 1 --> (012) (with terminal)
2 Galileomys euryg 1 --> (012) (with terminal)
2 Willidewu estepa 1 --> (012) (with terminal)
2 Prospani omys pri 1 --> (012) (with terminal)
2 Spani omys ri pari 1 --> (012) (with terminal)
2 Myocastor coypus 1 --> (012) (with terminal)
2 Proechi mys cuvie 1 --> (012) (with terminal)
2 Maruchi to tril of 1 --> (012) (with terminal)
2 Thrichomys apere 1 --> (012) (with terminal)
2 Protadel phomys l 1 --> (012) (with terminal)
2 Euryzygomatomys 1 --> (012) (with terminal)
2 Mesocapromys/Mys 1 --> (012) (with terminal)
2 Xenodontomys sim 1 --> (012) (with terminal)
2 Ctenomys bolivie 1 --> (012) (with terminal)
2 Neophanomys bipl 1 --> (012) (with terminal)
2 Pi thanotomys col 1 --> (012) (with terminal)
2 Octodon degus 1 --> (012) (with terminal)
2 Spalacopus cyanu 1 --> (012) (with terminal)
2 Abrocoma bennett 1 --> (012) (with terminal)
2 Adel phomys candi 1 --> (012) (with terminal)
2 Prosti chomys bow 1 --> (012) (with terminal)
2 Sti chomys regula 1 --> (012) (with terminal)
2 Dudumus rui gomez 1 --> (012) (with terminal)
2 Pampamys emmonsa 1 --> (012) (with terminal)
2 Cavi ocricetus lu 1 --> (012) (with terminal)
2 Plesi acarechi mys 1 --> (012) (with terminal)
2 Sal lamys pascual 1 --> (012) (with terminal)
2 Mayomys confl uen 1 --> (012) (with terminal)
2 Eosal lamys paula 1 --> (012) (with terminal)
2 Shapaj amys laboc 1 --> (012) (with terminal)
2 Eobrani samys rom 1 --> (012) (with terminal)

Hsearch_Consensus.out

2 Eobrani samys jav 1 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
termi nal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
termi nal)
2 Metaphi omys scha 1 --> (012) (wi thi n
termi nal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
termi nal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
termi nal)
249 (*Number of I a) 0.667
4 Archetypomys erl 1 --> (01234) (wi thi n
termi nal)
4 Tri bosphenomys m 1 --> (01234) (wi thi n
termi nal)
4 Cocomys li gchaen 1 --> (01234) (wi thi n
termi nal)
4 Rei throparamys d 1 --> (01234) (wi thi n
termi nal)
4 Bi rbal omys sonda 1 --> (01234) (wi thi n
termi nal)
4 Tamquammys di spi 1 --> (01234) (wi thi n
termi nal)
4 Chapatti mys wi ls 1 --> (01234) (wi thi n
termi nal)
4 Ottomani a proavi 1 --> (01234) (wi thi n
termi nal)
4 Bugti mys zafarul 1 --> (01234) (wi thi n
termi nal)
4 Hodsahi bi a azrae 1 --> (01234) (wi thi n
termi nal)
4 'Wasl amys' atti a 1 --> (01234) (wi thi n
termi nal)
4 Phi omys hammudai 1 --> (01234) (wi thi n
termi nal)
4 Cachi yacuy conta 1 --> (01234) (wi thi n
termi nal)
4 Eoespi na woodi -E 1 --> (01234) (wi thi n
termi nal)
4 Canaani mys maqui 1 --> (01234) (wi thi n
termi nal)
1 node_198 1 --> 2 node_141
4 Protostei romys m 2 --> (01234) (wi thi n
termi nal)
4 Eostei romys homo 2 --> (01234) (wi thi n
termi nal)
4 Brani samyopsi s a 2 --> (01234) (wi thi n
termi nal)
4 Neostei romys pat 2 --> (01234) (wi thi n
termi nal)
4 Erethi zon dorsat 2 --> (01234) (wi thi n
termi nal)
4 Coendou prehensi 2 --> (01234) (wi thi n
termi nal)
4 Stei romys detent 2 --> (01234) (wi thi n
termi nal)
4 Hypsostei romys a 2 --> (01234) (wi thi n
termi nal)
4 Pal aeostei romys 2 --> (01234) (wi thi n

Hsearch_Consensus.out

```

2          node_140 2 --> 4 node_138
4 Australoprocta f 4 --> (01234) (withi n
terminal)
4 Luantus propheti 4 --> (01234) (withi n
terminal)
4 Asteromys punctu 4 --> (01234) (withi n
terminal)
4 Dolichotis patag 4 --> (01234) (withi n
terminal)
4 Cavia aperea 4 --> (01234) (withi n
terminal)
4 Galea spixii 4 --> (01234) (withi n
terminal)
4 Perimys intermed 4 --> (01234) (withi n
terminal)
4 Neoreomys austra 4 --> (01234) (withi n
terminal)
4 Brani samys luri b 4 --> (01234) (withi n
terminal)
4          Dasyprocta 2 --> (01234) (withi n
terminal)
4 Eoincamys pascua 1 --> (01234) (withi n
terminal)
4 Incamys bolivian 1 --> (01234) (withi n
terminal)
4 Microscleromys p 1 --> (01234) (withi n
terminal)
4 Scleromys quadra 1 --> (01234) (withi n
terminal)
4 Scleromys angust 1 --> (01234) (withi n
terminal)
1          node_148 1 --> 2 node_145
1          node_144 2 ==> 3 Potamarchus muri
1          node_147 1 ==> 0 node_146
4 Lagostomus maxim 1 --> (01234) (withi n
terminal)
4 Scleromys osborn 1 --> (01234) (withi n
terminal)
4 Garri domys curnu 1 --> (01234) (withi n
terminal)
4 Eoviscaccia fras 1 --> (01234) (withi n
terminal)
4 Eoviscaccia aust 1 --> (01234) (withi n
terminal)
4 Scleromys praecu 1 --> (01234) (withi n
terminal)
4 Chambi ramys ship 1 --> (01234) (withi n
terminal)
4 Eoincamys parvus 1 --> (01234) (withi n
terminal)
4 Chambi ramys sylv 1 --> (01234) (withi n
terminal)
4 Eoincamys valver 1 --> (01234) (withi n
terminal)
4 Eoincamys ameghi 1 --> (01234) (withi n
terminal)
4 Draconomys verai 1 --> (01234) (withi n
terminal)
4 Leucokephalos ze 1 --> (01234) (withi n
terminal)
4 Platypittamys br 1 --> (01234) (withi n
terminal)
4 Deseadomys aramb 1 --> (01234) (withi n
terminal)
4 Acaremys murinus 1 --> (01234) (withi n
terminal)
4 Sci amys pri nci pa 1 --> (01234) (withi n
terminal)

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Hsearch_Consensus.out

4 Galileomys euryg 1 --> terminal)
4 Galileomys euryg 1 --> (01234) (with in
terminal)
4 Willidewu estepa 1 --> (01234) (with in
terminal)
4 Prospaniomyx pri 1 --> (01234) (with in
terminal)
4 Spaniomyx ripari 1 --> (01234) (with in
terminal)
4 Myocastor coypus 1 --> (01234) (with in
terminal)
4 Proechimys cuvie 1 --> (01234) (with in
terminal)
4 Maruchito trilofo 1 --> (01234) (with in
terminal)
4 Thrichomys apere 1 --> (01234) (with in
terminal)
4 Protadelphomys l 1 --> (01234) (with in
terminal)
4 Euryzygomatomys 1 --> (01234) (with in
terminal)
4 Mesocapromys/Mys 1 --> (01234) (with in
terminal)
4 Xenodontomys sim 1 --> (01234) (with in
terminal)
4 Ctenomys bolivi e 1 --> (01234) (with in
terminal)
4 Neophanomys bipl 1 --> (01234) (with in
terminal)
4 Pithanotomys col 1 --> (01234) (with in
terminal)
4 Octodon degus 1 --> (01234) (with in
terminal)
4 Spalacopus cyanu 1 --> (01234) (with in
terminal)
4 Abrocoma bennett 1 --> (01234) (with in
terminal)
4 Adelphomys candi 1 --> (01234) (with in
terminal)
4 Prosthichomys bow 1 --> (01234) (with in
terminal)
4 Stichomys regula 1 --> (01234) (with in
terminal)
4 Dudumus rui gomez 1 --> (01234) (with in
terminal)
4 Pampamys emmonsa 1 --> (01234) (with in
terminal)
4 Caviocricetus lu 1 --> (01234) (with in
terminal)
4 Plestiacarechimy 1 --> (01234) (with in
terminal)
4 Sallamys pascual 1 --> (01234) (with in
terminal)
4 Mayomys confluen 1 --> (01234) (with in
terminal)
4 Eosallamys paula 1 --> (01234) (with in
terminal)
4 Shapajamys laboc 1 --> (01234) (with in
terminal)
4 Eobrani samys rom 1 --> (01234) (with in
terminal)
4 Eobrani samys jav 1 --> (01234) (with in
terminal)
4 Pozomys ucayalie 1 --> (01234) (with in
terminal)
4 Tarapotomys mayo 1 --> (01234) (with in
terminal)
4 Tarapotomys suba 1 --> (01234) (with in

Hsearch_Consensus.out

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4 Cachi yacuy kumme 1 --> terminal)
4 Thryonomys swind 1 --> (01234) (within
terminal)
4 Paraphi omys pi go 1 --> (01234) (within
terminal)
4 Metaphi omys scha 1 --> (01234) (within
terminal)
4 Acri tophi omys bo 1 --> (01234) (within
terminal)
4 Bal uchi mys barry 1 --> (01234) (within
terminal)
250 (Primary exter) 1.000 1 Asteromys punctu 0 --> (01) (within terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 Leucokephal os ze 0 --> (01) (within terminal)
251 (Secondary ext) 0.500 1 Neophanomys bi pl 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_132 0 ==> 1 Cavi a aperea
1 Leucokephal os ze 0 --> (01) (within terminal)
1 Neophanomys bi pl 0 --> (01) (within terminal)
252 (*Length of p4) 0.167 3 Archetypomys erl 3 --> (0123) (within
terminal)
1 node_218 3 ==> 2 node_217
1 node_118 2 ==> 1 Rei throparamys d
3 Chapatti mys wi ls 2 --> (0123) (within
terminal)
3 Ottomani a proavi 2 --> (0123) (within
terminal)
3 Bugti mys zafarul 2 --> (0123) (within
terminal)
3 Hodsahi bi a azrae 2 --> (0123) (within
terminal)
3 Phi omys hammudai 2 --> (0123) (within
terminal)
3 Cachi yacuy conta 2 --> (0123) (within
terminal)
3 Canaani mys maqui 2 --> (0123) (within
terminal)
1 node_205 2 --> 1 node_204
1 node_198 1 ==> 0 node_141
3 Protostei romys m 0 --> (0123) (within
terminal)
3 Neostei romys pat 0 --> (0123) (within
terminal)
3 Pal aeostei romys 0 --> (0123) (within
terminal)
3 Austral oprocta f 0 --> (0123) (within
terminal)
1 node_137 0 --> 1 node_136
1 node_135 1 --> 0 Asteromys punctu
1 node_131 1 --> 0 Dol i choti s patag
1 node_132 1 --> 0 Cavi a aperea
1 node_132 1 ==> 2 Gal ea spi xi i
3 Brani samys luri b 0 --> (0123) (within
terminal)
3 Eoi ncamys pascua 1 --> (0123) (within
terminal)
3 Mi croscl eromys p 1 --> (0123) (within
terminal)
1 node_154 1 ==> 0 node_153
1 node_149 0 --> 1 node_148
3 Potamarchus muri 1 --> (0123) (within
terminal)
1 node_145 1 --> 0 Di nomys brani cki
1 node_146 1 ==> 2 Chi nchi l l a l ani g
1 node_151 0 ==> 1 Eovi scacci a fras

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Hsearch_Consensus.out

3 Scleromys praecu 1 --> (0123) (wi thi n
termi nal)
3 Chambi ramys shi p 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys parvus 1 --> (0123) (wi thi n
termi nal)
3 Chambi ramys syl v 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys val ver 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys ameghi 1 --> (0123) (wi thi n
termi nal)
1 node_167 1 --> 2 node_166
1 node_163 2 --> 1 Deseadomys aramb
1 node_164 2 --> 1 Acaremys muri nus
3 Prospani omys pri 1 --> (0123) (wi thi n
termi nal)
3 Spani omys ri pari 1 --> (0123) (wi thi n
termi nal)
3 Myocastor coypus 1 --> (0123) (wi thi n
termi nal)
3 Proechi mys cuvie 1 --> (0123) (wi thi n
termi nal)
3 Maruchi to tri l of 1 --> (0123) (wi thi n
termi nal)
3 Thri chomys apere 1 --> (0123) (wi thi n
termi nal)
3 Echi mys chrysuru 1 --> (0123) (wi thi n
termi nal)
3 Makal ata di del ph 1 --> (0123) (wi thi n
termi nal)
3 Euryzygomatomys 1 --> (0123) (wi thi n
termi nal)
3 Mesocapromys/Mys 1 --> (0123) (wi thi n
termi nal)
3 Xenodontomys si m 1 --> (0123) (wi thi n
termi nal)
3 Ctenomys bol i vie 1 --> (0123) (wi thi n
termi nal)
3 Neophanomys bi pl 1 --> (0123) (wi thi n
termi nal)
3 Pi thanotomys col 1 --> (0123) (wi thi n
termi nal)
3 Octodon degus 1 --> (0123) (wi thi n
termi nal)
3 Spal acopus cyanu 1 --> (0123) (wi thi n
termi nal)
3 Abrocoma bennett 1 --> (0123) (wi thi n
termi nal)
3 Adel phomys candi 1 --> (0123) (wi thi n
termi nal)
3 Prosti chomys bow 1 --> (0123) (wi thi n
termi nal)
3 Sti chomys regul a 1 --> (0123) (wi thi n
termi nal)
3 Dudumus rui gomez 1 --> (0123) (wi thi n
termi nal)
3 Pampamys emmonsa 1 --> (0123) (wi thi n
termi nal)
3 Cavi ocricetus lu 1 --> (0123) (wi thi n
termi nal)
3 Pl esi acarechi mys 1 --> (0123) (wi thi n
termi nal)
1 node_193 1 ==> 2 Sal l amys pascual
3 Mayomys confl uen 1 --> (0123) (wi thi n
termi nal)
3 Eosal l amys paul a 1 --> (0123) (wi thi n
termi nal)

Hsearch_Consensus.out

3 Shapaj amys laboc 1 --> (0123) (wi thi n
termi nal)
3 Eobrani samys rom 1 --> (0123) (wi thi n
termi nal)
3 Eobrani samys jav 1 --> (0123) (wi thi n
termi nal)
3 Pozomys ucayal ie 1 --> (0123) (wi thi n
termi nal)
3 Tarapotomys mayo 1 --> (0123) (wi thi n
termi nal)
3 Tarapotomys suba 1 --> (0123) (wi thi n
termi nal)
3 Cachi yacuy kumme 2 --> (0123) (wi thi n
termi nal)
3 Thryonomys swi nd 2 --> (0123) (wi thi n
termi nal)
3 Paraphi omys pi go 2 --> (0123) (wi thi n
termi nal)
3 Metaphi omys scha 2 --> (0123) (wi thi n
termi nal)
3 Acri tophi omys bo 2 --> (0123) (wi thi n
termi nal)
3 Bal uchi mys barry 2 --> (0123) (wi thi n
termi nal)
253 (Width of p4/m) 0.111
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 node_217 1 ==> 0 node_118
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_205 1 --> 0 node_204
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_134 0 --> 1 node_133
1 node_132 1 --> 0 Cavi a aperea
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_146 0 ==> 1 Lagi di um vi scaci
1 node_151 0 ==> 1 Eovi scacci a fras
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 node_194 0 ==> 1 node_193
1 node_163 1 ==> 0 Deseadomys aramb
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvi e 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphomys pigo 1 --> (01) (wi thi n termi nal)
 1 Metaphomys scha 1 --> (01) (wi thi n termi nal)
 1 Acritophomys bo 1 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 2 --> (012) (wi thi n termi nal)
 1 node_218 2 ==> 1 Cocomys ligchaen
 2 node_216 2 ==> 0 Tamquammys di spi
 2 Ottomaniaproavi 2 --> (012) (wi thi n termi nal)
 2 Canaanimys maqui 2 --> (012) (wi thi n termi nal)
 2 Protosteioromys m 2 --> (012) (wi thi n termi nal)
 2 Neosteioromys pat 2 --> (012) (wi thi n termi nal)
 1 node_129 2 ==> 1 Chaetomys subspi
 2 Palaeosteioromys 2 --> (012) (wi thi n termi nal)
 1 node_133 2 ==> 1 node_131
 1 node_140 2 ==> 1 node_139
 2 Potamarchus muri 2 --> (012) (wi thi n termi nal)
 1 node_147 2 ==> 1 Lagostomus maxi m
 2 Scleromys praecu 2 --> (012) (wi thi n termi nal)
 2 Chambi ramys shi p 2 --> (012) (wi thi n termi nal)
 2 Eoincamys parvus 2 --> (012) (wi thi n termi nal)
 2 Eoincamys val ver 2 --> (012) (wi thi n termi nal)
 1 Platypittamys br 2 --> (12) (wi thi n termi nal)
 2 Prospani omys pri 2 --> (012) (wi thi n termi nal)
 2 Spani omys ri pari 2 --> (012) (wi thi n termi nal)
 2 Myocastor coypus 2 --> (012) (wi thi n termi nal)
 2 Proechimys cuvie 2 --> (012) (wi thi n termi nal)
 2 Maruchito tril of 2 --> (012) (wi thi n termi nal)
 2 Thrichomys apere 2 --> (012) (wi thi n termi nal)
 2 Echimys chrysuru 2 --> (012) (wi thi n termi nal)

254 (*Tal onid of p) 0.375

Hsearch_Consensus.out

```
2 Makalata didelph 2 --> (012) (w i t h i n
    terminal)
2 Euryzgomatomys 2 --> (012) (w i t h i n
    terminal)
2 Mesocapromys/Mys 2 --> (012) (w i t h i n
    terminal)
2 Xenodontomys sim 2 --> (012) (w i t h i n
    terminal)
2 Ctenomys bolivi e 2 --> (012) (w i t h i n
    terminal)
2 Neophanomys bipl 2 --> (012) (w i t h i n
    terminal)
2 Pi thanotomys col 2 --> (012) (w i t h i n
    terminal)
2 Octodon degus 2 --> (012) (w i t h i n
    terminal)
2 Spalacopus cyanu 2 --> (012) (w i t h i n
    terminal)
2 Abrocoma bennett 2 --> (012) (w i t h i n
    terminal)
2 Adelphomys candi 2 --> (012) (w i t h i n
    terminal)
2 Prostichomys bow 2 --> (012) (w i t h i n
    terminal)
2 Stichomys regula 2 --> (012) (w i t h i n
    terminal)
2 Dudumus rui gomez 2 --> (012) (w i t h i n
    terminal)
2 Pampamys emmonsa 2 --> (012) (w i t h i n
    terminal)
2 Caviocricetus lu 2 --> (012) (w i t h i n
    terminal)
2 Plestiacarechymys 2 --> (012) (w i t h i n
    terminal)
2 Eosallamys paula 2 --> (012) (w i t h i n
    terminal)
2 Shapajamys laboc 2 --> (012) (w i t h i n
    terminal)
2 Eobrani samys rom 2 --> (012) (w i t h i n
    terminal)
2 Eobrani samys jav 2 --> (012) (w i t h i n
    terminal)
2 Tarapotomys suba 2 --> (012) (w i t h i n
    terminal)
2 Thryonomys swind 2 --> (012) (w i t h i n
    terminal)
2 Paraphomys pi go 2 --> (012) (w i t h i n
    terminal)
2 Metaphomys scha 2 --> (012) (w i t h i n
    terminal)
2 Baluchimys barry 2 --> (012) (w i t h i n
    terminal)
255 (Anterior cing) 0.667 1 Archetypomys erl 0 --> (01) (w i t h i n terminal)
1 node_213 0 ==> 1 Ottomani a proavi
1 node_119 0 ==> 1 Hodsahibi a azrae
1 Canaanimys maqui 0 --> (01) (w i t h i n terminal)
1 Protosteioromys m 0 --> (01) (w i t h i n terminal)
1 Neosteioromys pat 0 --> (01) (w i t h i n terminal)
1 Palaeosteioromys 0 --> (01) (w i t h i n terminal)
1 Potamarchus muri 0 --> (01) (w i t h i n terminal)
1 Scleromys praecu 0 --> (01) (w i t h i n terminal)
1 Chambi ramys ship 0 --> (01) (w i t h i n terminal)
1 Eoincamys parvus 0 --> (01) (w i t h i n terminal)
1 Eoincamys val ver 0 --> (01) (w i t h i n terminal)
1 Prospaniomys pri 0 --> (01) (w i t h i n terminal)
1 Spaniomys ripari 0 --> (01) (w i t h i n terminal)
1 Myocastor coypus 0 --> (01) (w i t h i n terminal)
1 Proechimys cuvie 0 --> (01) (w i t h i n terminal)
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Hsearch_Consensus.out

```

1 Maruchito trilof 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echiomys chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivi 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prosthomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampanomys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacaechi mys 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Eobranisamys rom 0 --> (01) (withn terminal)
1 Eobranisamys jav 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphiomys pi go 0 --> (01) (withn terminal)
1 Metaphiomys scha 0 --> (01) (withn terminal)
1 Acritophiomys bo 0 --> (01) (withn terminal)
1 Baluchiomys barry 0 --> (01) (withn terminal)
2 Archetypomys erl 1 --> (012) (withn terminal)
1 node_219 1 --> 2 Tribosphenomys m
1 node_218 1 ==> 0 Cocomys ligchaen
1 node_118 1 ==> 0 Reithroparamys d
1 Tamquammys di spi 1 --> (01) (withn terminal)
1 node_120 1 ==> 2 node_119
1 node_207 1 ==> 0 Phiomys hammudai
2 Eoespina woodi -E 1 --> (012) (withn terminal)
2 Canaanimys maqui 1 --> (012) (withn terminal)
1 node_141 1 --> 0 node_130
2 Protosteioromys m 0 --> (012) (withn terminal)
2 node_127 0 ==> 2 node_126
2 Neosteioromys pat 2 --> (012) (withn terminal)
2 Chaetomys subspi 0 --> (012) (withn terminal)
2 Palaeosteioromys 1 --> (012) (withn terminal)
2 Australoprocta f 1 --> (012) (withn terminal)
1 node_135 1 ==> 0 Asteromys punctu
1 node_135 1 --> 2 node_134
2 Dolichotis patag 2 --> (012) (withn terminal)
2 Hydrochoerus hyd 2 --> (012) (withn terminal)
2 Cavia aperea 2 --> (012) (withn terminal)
2 Galea spixii 2 --> (012) (withn terminal)
2 Neoreomys austra 1 --> (012) (withn terminal)
2 Branisamys luri b 1 --> (012) (withn terminal)
2 Dasypoprocta 1 --> (012) (withn terminal)

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256 (*Development) 0.308

Hsearch_Consensus. out

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1          node_195 1 ==> 2 node_161
2 Eoincamys pascua 2 --> (012) (wi thi n
terminal)
1          node_142 2 ==> 1 Miroscleromys p
1          node_150 2 --> 1 node_149
1          node_148 1 --> 2 node_145
2 Drytomomys aequa 2 --> (012) (wi thi n
terminal)
2 Potamarchus muri 2 --> (012) (wi thi n
terminal)
1          node_147 1 ==> 0 Neoeptilema ambr
1          node_146 1 --> 2 Chinchilla lanig
2 Lagostomus maxim 1 --> (012) (wi thi n
terminal)
1          node_152 2 ==> 1 Garri domys curnu
2 Scleromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
terminal)
2 Eoincamys parvus 2 --> (012) (wi thi n
terminal)
2 Eoincamys val ver 2 --> (012) (wi thi n
terminal)
1          node_162 1 ==> 0 Draconomys verai
1 Galileomys euryg 1 --> (12) (wi thi n terminal)
2 Prospani omys pri 1 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 1 --> (012) (wi thi n
terminal)
2 Myocastor coypus 1 --> (012) (wi thi n
terminal)
2 Proechi mys cuvie 1 --> (012) (wi thi n
terminal)
2 Maruchi to tril of 1 --> (012) (wi thi n
terminal)
2 Thri chomys apere 1 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 1 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 1 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 1 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
2 Adel phomys candi 1 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 1 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

2 Pampamys emmonsa 1 --> (012) (wi thi n terminal)
2 Cavi ocricetus lu 1 --> (012) (wi thi n terminal)
2 Ple siacarechi mys 1 --> (012) (wi thi n terminal)
1 node_193 1 ==> 2 Sal lamys pascual
2 Eosal lamys paul a 1 --> (012) (wi thi n terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n terminal)
2 Eobrani samys j av 1 --> (012) (wi thi n terminal)
1 node_203 1 --> 2 node_202
2 Tarapotomys suba 2 --> (012) (wi thi n terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n terminal)
257 (Metaconi d-pro) 0.333 1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 node_217 0 ==> 1 node_118
1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
1 Protostei romys m 0 --> (01) (wi thi n terminal)
1 Neostei romys pat 0 --> (01) (wi thi n terminal)
1 Pal aeostei romys 0 --> (01) (wi thi n terminal)
1 Dol ichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galea spi xi i 0 --> (01) (wi thi n terminal)
1 Peri mys intermed 0 --> (01) (wi thi n terminal)
1 node_143 0 ==> 1 Scl eromys quadra
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 node_146 0 ==> 1 Chi nchi lla lani g
1 Lagostomus maxi m 0 --> (01) (wi thi n terminal)
1 Eovi scaccia fras 0 --> (01) (wi thi n terminal)
1 Scl eromys praecu 0 --> (01) (wi thi n terminal)
1 Chambi ramys shi p 0 --> (01) (wi thi n terminal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n terminal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n terminal)
1 Prospani omys pri 0 --> (01) (wi thi n terminal)
1 Spani omys ri pari 0 --> (01) (wi thi n terminal)
1 Myocastor coypus 0 --> (01) (wi thi n terminal)
1 Proechi mys cuvie 0 --> (01) (wi thi n terminal)
1 Maruchi to tri lof 0 --> (01) (wi thi n terminal)
1 Thri chomys apere 0 --> (01) (wi thi n terminal)
1 Echi mys chrysuru 0 --> (01) (wi thi n terminal)
1 Makal ata di del ph 0 --> (01) (wi thi n terminal)
1 Euryzygomatomys 0 --> (01) (wi thi n terminal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n terminal)
1 Xenodontomys sim 0 --> (01) (wi thi n terminal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n terminal)
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
1 Pi thanotomys col 0 --> (01) (wi thi n terminal)
1 Octodon degus 0 --> (01) (wi thi n terminal)
1 Spalacopus cyanu 0 --> (01) (wi thi n terminal)
1 Abrocoma bennett 0 --> (01) (wi thi n terminal)
1 Adel phomys candi 0 --> (01) (wi thi n terminal)
1 Prosti chomys bow 0 --> (01) (wi thi n terminal)
1 Sti chomys regul a 0 --> (01) (wi thi n terminal)

Hsearch_Consensus.out

1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 258 (*Posi tion of) 0. 375
 1 node_216 1 ==> 0 Tamquammys di spi
 1 Cachi yacuy conta 1 --> (12) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (12) (wi thi n termi nal)
 1 node_127 1 --> 2 node_126
 1 node_125 2 --> 1 Erethi zon dorsat
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 node_140 1 --> 2 node_138
 1 node_137 2 --> 1 Australoprocta f
 1 node_135 2 --> 1 Asteromys punctu
 1 node_142 1 ==> 2 Incamys bol i vi an
 1 node_153 1 ==> 2 node_150
 1 node_143 2 ==> 1 Scleromys quadra
 1 node_146 2 ==> 1 Chi nchi lla lani g
 1 Acaremys muri nus 1 --> (12) (wi thi n termi nal)
 1 node_196 1 ==> 2 Mayomys confl uen
 259 (Metal ophul id) 0. 429
 1 node_201 1 --> 2 node_200
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteï romys m 0 --> (01) (wi thi n termi nal)
 1 Neosteï romys pat 0 --> (01) (wi thi n termi nal)
 1 Pal aeosteï romys 0 --> (01) (wi thi n termi nal)
 1 node_136 0 ==> 1 node_135
 1 Dol i choti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 node_149 0 --> 1 node_148
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 node_147 1 --> 0 Neoepi blema ambr
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 node_165 0 ==> 1 Gal i leomys euryg
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

260 (Anterior arm) 0.455

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1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobraniomys rom 0 --> (01) (wi thi n termi nal)
1 Eobraniomys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_219 0 --> 1 Tribosphenomys m
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 node_120 0 --> 1 node_119
1 Bugtiomys zafarul 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Braniomyopsis a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 node_136 0 ==> 1 node_135
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
1 node_147 1 --> 0 Neoepelema ambr
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 node_165 0 ==> 1 Galileomys euryg
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito triflo 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimyus chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 node_130 0 --> 1 node_129
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeostei romys 0 --> (01) (wi thi n termi nal)
 1 node_138 0 --> 1 node_137
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 node_156 0 --> 1 node_155
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 node_147 1 ==> 0 Neoepi bl ema ambr
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 node_193 0 ==> 1 node_192
 1 Platytypomys br 1 --> (01) (wi thi n termi nal)
 1 node_165 1 --> 0 node_164

261 (Anterior arm) 0.533

Hsearch_Consensus.out

1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 262 (Labi al connec) 0.588
 1 node_218 0 --> 1 Cocomys ligchaen
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_215 0 --> 1 node_214
 1 node_120 1 --> 0 node_119
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 node_140 1 --> 0 node_138
 1 Luantus propheti 0 --> (02) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 node_149 1 --> 2 node_143
 1 Scl eromys angust 2 --> (12) (wi thi n termi nal)
 1 node_153 1 ==> 0 node_152
 1 node_195 1 ==> 0 node_194
 1 node_164 0 ==> 1 Acaremys muri nus
 263 (Posterior arm) 0.286
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 node_137 0 ==> 1 node_136
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_139 0 ==> 1 Cuni cul us paca-t
 1 node_156 0 --> 1 node_155

Hsearch_Consensus.out

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1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 node_148 1 ==> 0 node_147
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 node_195 0 ==> 1 node_194
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_118 0 ==> 1 Bi rbal omys sonda
1 node_216 0 ==> 1 node_215
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacaraechimys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_212 0 ==> 1 node_211
 1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_127 1 ==> 0 Steioromys detent
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_135 1 ==> 0 Asteromys punctu
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)

265 (Mesostylid on) 0.583

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1   node_152 1 --> 0 node_151
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1   node_195 1 ==> 0 node_194
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 ---> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 1 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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1 Bugti mys zafarul 1 --> terminal)
2 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)
2 'Wasl amys' attia 1 --> (012) (wi thi n
terminal)
1 Phi omys hammudai 1 --> (012) (wi thi n terminal)
2 Cachi yacuy conta 1 --> (12) (wi thi n terminal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 1 --> (012) (wi thi n
terminal)
2 Protostei romys m 1 --> (012) (wi thi n
terminal)
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
2 Neostei romys pat 1 --> (012) (wi thi n
terminal)
1 Erethi zon dorsat 1 --> (01) (wi thi n terminal)
2 Stei romys detent 1 --> (012) (wi thi n
terminal)
2 Chaetomys subspi 1 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 1 --> (012) (wi thi n
terminal)
1 node_141 1 ==> 0 node_140
2 Austral oprocta f 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Dol i choti s patag 0 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
terminal)
2 Cavi a aperea 0 --> (012) (wi thi n
terminal)
2 Galea spi xi i 0 --> (012) (wi thi n
terminal)
2 Neoreomys austra 0 --> (012) (wi thi n
terminal)
1 Brani samys luri b 0 --> (01) (wi thi n terminal)
2 Dasyprocta 0 --> (012) (wi thi n
terminal)
1 node_156 1 --> 0 node_155
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
2 Di nomys brani cki 0 --> (012) (wi thi n
terminal)
2 Neoepi bl ema ambr 0 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 0 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 0 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Eoincamys parvus 1 --> terminal)
2 Eoincamys valver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_195 1 --> 0 node_194
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Leucokephalos ze 0 --> (012) (with in
terminal)
2 Platypittamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Acaremys murinus 0 --> (012) (with in
terminal)
2 Galileomys euryg 0 --> (012) (with in
terminal)
2 Prospaniomyss pri 0 --> (012) (with in
terminal)
2 Spaniomyss ripari 0 --> (012) (with in
terminal)
2 Myocastor coypus 0 --> (012) (with in
terminal)
2 Proechiomyss cuvie 0 --> (012) (with in
terminal)
2 Maruchito trilof 0 --> (012) (with in
terminal)
2 Thrichomys apere 0 --> (012) (with in
terminal)
2 Echiomyss chrysuru 0 --> (012) (with in
terminal)
2 Makalata didelph 0 --> (012) (with in
terminal)
2 Protadelphomys l 0 --> (012) (with in
terminal)
2 Euryzygomatomys 0 --> (012) (with in
terminal)
2 Mesocapromys/Mys 0 --> (012) (with in
terminal)
2 Xenodontomys sim 0 --> (012) (with in
terminal)
2 Ctenomys bolivie 0 --> (012) (with in
terminal)
2 Neophanomys bipl 0 --> (012) (with in
terminal)
2 Pi thanotomys col 0 --> (012) (with in
terminal)
2 Octodon degus 0 --> (012) (with in
terminal)
2 Spalacopus cyanu 0 --> (012) (with in
terminal)
2 Abrocoma bennett 0 --> (012) (with in
terminal)
2 Adelphomys candi 0 --> (012) (with in
terminal)
2 Prosti chomys bow 0 --> (012) (with in
terminal)
2 Stichomys regula 0 --> (012) (with in
terminal)
2 Dudumus rui gomez 0 --> (012) (with in
terminal)
2 Pampamys emmonsa 0 --> (012) (with in
terminal)
2 Caviocricetus lu 0 --> (012) (with in
terminal)

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Hsearch_Consensus.out

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2 Plei acarechi mys 0 --> (012) (wi thi n
   terminal )
1       node_196 1 ==> 2 Mayomys confl uen
2 Eosall amys paul a 1 --> (012) (wi thi n
   terminal )
2 Eobrani samys rom 1 --> (012) (wi thi n
   terminal )
2 Eobrani samys jav 1 --> (012) (wi thi n
   terminal )
2 Pozomys ucayal ie 1 --> (012) (wi thi n
   terminal )
2 Tarapotomys mayo 1 --> (012) (wi thi n
   terminal )
2 Tarapotomys suba 1 --> (012) (wi thi n
   terminal )
2 Cachi yacuy kumme 1 --> (012) (wi thi n
   terminal )
2 Thryonomys swi nd 1 --> (012) (wi thi n
   terminal )
2 Paraphi omys pi go 1 --> (012) (wi thi n
   terminal )
2 Metaphi omys scha 1 --> (012) (wi thi n
   terminal )
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal )
2 Bal uchi mys barry 1 --> (012) (wi thi n
   terminal )
267 (Buccal metaco) 0.667
1 Archetypomys erl 0 --> (01) (wi thi n termi nal )
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal )
1       node_118 0 ==> 1 Bi rbal omys sonda
1       node_212 0 --> 1 node_120
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal )
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal )
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal )
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal )
1 Protostei romys m 0 --> (01) (wi thi n termi nal )
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal )
1 Neostei romys pat 0 --> (01) (wi thi n termi nal )
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal )
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal )
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal )
1 Austral oprocta f 0 --> (01) (wi thi n termi nal )
1       node_136 0 ==> 1 node_135
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal )
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal )
1       Cavi a aperea 1 --> (01) (wi thi n termi nal )
1       Galea spi xi i 1 --> (01) (wi thi n termi nal )
1 Neoreomys austra 0 --> (01) (wi thi n termi nal )
1       Dasyprocta 0 --> (01) (wi thi n termi nal )
1 Incamys bol ivi an 0 --> (01) (wi thi n termi nal )
1       node_143 0 ==> 1 Scl eromys quadra
1 Potamarchus muri 0 --> (01) (wi thi n termi nal )
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal )
1       node_152 0 --> 1 node_151
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal )
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal )
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal )
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal )
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal )
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal )
1       node_192 0 --> 1 node_167
1 Pl atypi ttamys br 1 --> (01) (wi thi n termi nal )
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal )
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal )
1 Prospani omys pri 0 --> (01) (wi thi n termi nal )
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal )
1 Myocastor coypus 0 --> (01) (wi thi n termi nal )
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal )
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal )

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Hsearch_Consensus.out

1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sall amys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosall amys paul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_203 0 --> 1 node_202
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_124 0 --> 1 node_123
 1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_127 0 ==> 1 Stei romys detent
 1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_138 0 ==> 1 Brani samys luri b
 1 node_139 0 ==> 1 Dasyprocta
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tri lof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)

268 (Neocristid on) 0.250

Hsearch_Consensus.out

269 (Posterior arm) 0.545

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1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_141 0 ==> 1 node_130
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microsscleromys p 0 --> (01) (wi thi n termi nal)
1 node_150 0 ==> 1 node_149
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 node_152 0 ==> 1 Garri domys curnu
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilo f 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 node_203 0 ==> 1 Pozomys ucayalie
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 270 (Lingual conne) 0.773
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 node_215 1 --> 3 node_214
 1 'Wasl amys' attia 3 --> (03) (wi thi n termi nal)
 1 Phi omys hammudai 3 --> (03) (wi thi n termi nal)
 1 node_205 3 --> 2 node_122
 1 Eoespi na woodi -E 2 --> (02) (wi thi n termi nal)
 1 node_204 3 --> 0 node_201
 1 node_140 0 --> 2 node_138
 1 node_137 2 --> 3 node_136
 1 Eoi ncamys pascua 0 --> (02) (wi thi n termi nal)
 1 Incamys bol i vi an 0 --> (02) (wi thi n termi nal)
 1 Eovi scaccia aust 0 --> (03) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (02) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (03) (wi thi n termi nal)
 1 node_166 0 ==> 3 node_165
 1 Acaremys murinus 3 --> (03) (wi thi n termi nal)
 1 Sci amys pri nci pa 3 --> (34) (wi thi n termi nal)
 1 Gal ileomys euryg 3 --> (13) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (03) (wi thi n termi nal)
 1 node_206 3 ==> 1 Cachi yacuy kumme
 271 (Double lingua) 1.000
 1 Acri tophi omys bo 3 --> (03) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (02) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (02) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 272 (Neomesol ophi d) 0.632
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 node_205 0 --> 1 node_122
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 node_198 0 --> 1 node_141
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 node_137 1 --> 0 node_136
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 node_195 0 ==> 1 node_161

Hsearch_Consensus.out

1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_150 1 --> 0 node_149
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_148 0 --> 1 node_145
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_152 1 --> 0 node_151
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomy s pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomy s ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechiomy s cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomy s apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echiomy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomy s candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomy s bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomy s regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosal lamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amy s laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteiro mys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteiro mys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteiro mys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsosteiro mys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Palaeosteiromys 0 --> (01) (with in terminal)
 1 Lantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys australis 0 --> (01) (with in terminal)
 1 Braniamys luri 0 --> (01) (with in terminal)
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 node_153 0 ==> 1 node_150
 1 Scleromys quadra 1 --> (01) (with in terminal)
 1 Scleromys angust 1 --> (01) (with in terminal)
 1 Potamarchus muri 1 --> (01) (with in terminal)
 1 Neopibleria ambr 1 --> (01) (with in terminal)
 1 Chinchilla lanig 1 --> (01) (with in terminal)
 1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eviscaccia frasca 0 --> (01) (with in terminal)
 1 Eviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys ship 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 node_159 0 ==> 1 Chambi ramys sylv
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypitmys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Acaremys murinus 0 --> (01) (with in terminal)
 1 Sciomyz principa 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Prospaniomyz pri 0 --> (01) (with in terminal)
 1 Spaniomyz ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Maruchito triflo 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echimys chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivi 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pithanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosthichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacarechimy 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosallamys paula 0 --> (01) (with in terminal)
 1 Shapajamys laboc 0 --> (01) (with in terminal)
 1 Eobraniamys rom 0 --> (01) (with in terminal)
 1 Eobraniamys jav 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)

Hsearch_Consensus.out

274 (Intensity of) 1.000

1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Paraphimys pigo 0 --> (01) (w i t h i n t e r m i n a l)
1 Metaphimys schaefferi 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barryi 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erlangeri 0 --> (01) (w i t h i n t e r m i n a l)
1 Tribosphenomys mayeri 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaeni 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys dunnleyi 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispiratus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wilsoni 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavis 0 --> (01) (w i t h i n t e r m i n a l)
1 Bugtimys zafarui 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibi azraei 0 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy contenti 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi-E 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys mayeri 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys patagonicus 0 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsatum 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detentus 0 --> (01) (w i t h i n t e r m i n a l)
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspinosus 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctatus 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patagonica 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hydrochaeris 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galeaspixia 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermedius 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
1 Incamys boliviensis 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadrum 0 --> (01) (w i t h i n t e r m i n a l)
1 node_149 0 --> 1 node_148
1 Potamarchus murinus 1 --> (01) (w i t h i n t e r m i n a l)
1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanigera 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscacia 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maximus 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curvirostris 0 --> (01) (w i t h i n t e r m i n a l)
1 Eviscaccia frascuensis 0 --> (01) (w i t h i n t e r m i n a l)
1 Eviscaccia australis 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecursor 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys shipp 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valverde 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos zealandicus 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypitamus browni 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramburui 0 --> (01) (w i t h i n t e r m i n a l)
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l)
1 Sciomyces principis 0 --> (01) (w i t h i n t e r m i n a l)
1 Galileomys eurygaster 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepae 0 --> (01) (w i t h i n t e r m i n a l)
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
1 Proechimys cuvieri 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosall amys paula 0 --> (01) (w i t h i n t e r m i n a l)
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 node_154 0 ==> 1 node_153
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Neopiblima ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)

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Hsearch_Consensus.out

1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Eoviscaccia aust 1 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys shi p 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Eoincamys val ver 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypittamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Acaremys murinus 0 --> (01) (with in terminal)
 1 Sci amys principa 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Prospani omys pri 0 --> (01) (with in terminal)
 1 Spani omys ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechi mys cuvie 0 --> (01) (with in terminal)
 1 Maruchi to trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echi mys chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Protadel phomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adel phomys candi 0 --> (01) (with in terminal)
 1 Prosti chomys bow 0 --> (01) (with in terminal)
 1 Sti chomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Cavi ocricetus lu 0 --> (01) (with in terminal)
 1 Plesi acarechi mys 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosal lamys paula 0 --> (01) (with in terminal)
 1 Shapaj amys laboc 0 --> (01) (with in terminal)
 1 Eobrani samys rom 0 --> (01) (with in terminal)
 1 Eobrani samys jav 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Cachi yacuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphi omys pi go 0 --> (01) (with in terminal)
 1 Metaphi omys scha 0 --> (01) (with in terminal)
 1 Baluchi mys barry 0 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 node_118 0 ==> 1 Birbal omys sonda
 1 node_215 0 ==> 1 Chapattimys wils
 1 Bugti mys zafarul 0 --> (01) (with in terminal)
 1 Phi omys hammudai 0 --> (01) (with in terminal)
 1 Cachi yacuy conta 0 --> (01) (with in terminal)
 1 Canaani mys maqui 0 --> (01) (with in terminal)
 1 Protostei romys m 0 --> (01) (with in terminal)
 1 node_124 0 --> 1 node_123
 1 Neostei romys pat 1 --> (01) (with in terminal)
 1 Erethi zon dorsat 0 --> (01) (with in terminal)
 1 Pal aeostei romys 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)

Hsearch_Consensus.out

1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomy s pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomy s ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmons 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechimy s 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphimys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphimys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_130 0 --> 1 node_128
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 ---> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1   node_201 0 --> 1 node_200
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1 Eoste i romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)

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278 (Length of the) 1.000

Hsearch_Consensus.out

1 Neosteironomys pat 0 --> (01) (with in terminal)
 1 node_127 0 ==> 1 Steironomys detent
 1 Hyposteironomys a 0 --> (01) (with in terminal)
 1 Chaetomys subspi 0 --> (01) (with in terminal)
 1 Palaeosteironomys 0 --> (01) (with in terminal)
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys australa 0 --> (01) (with in terminal)
 1 Braniomys luri b 0 --> (01) (with in terminal)
 1 Dasypsecta 0 --> (01) (with in terminal)
 1 Cuniculus paca-t 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Drytomomys aequa 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Dinomys branickei 0 --> (01) (with in terminal)
 1 Neopibelema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garridomys curru 0 --> (01) (with in terminal)
 1 Eviscaccia fras 0 --> (01) (with in terminal)
 1 Eviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambiromys ship 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Chambiromys sylv 0 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypittomys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Willidewu estepa 0 --> (01) (with in terminal)
 1 Prospaniomys pri 0 --> (01) (with in terminal)
 1 Spaniomys ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Maruchito trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echimyus chrysuru 0 --> (01) (with in terminal)
 1 Makalata delph 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pithanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosthichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmons 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plestiacarechimy 0 --> (01) (with in terminal)

Hsearch_Consensus.out

1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pigo 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_218 0 ==> 1 node_217
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia apera 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilofo 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelphi 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesiacaechimys 1 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphiomys pigo 1 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n termi nal)

279 (Ectolophid on) 0.500

280 (*Height of th) 0.667

Hsearch_Consensus.out

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1          node_216 1 ==> 2 node_215
2 Ottomani a proavi 2 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 2 --> (012) (wi thi n
terminal)
2 Protostei romys m 2 --> (012) (wi thi n
terminal)
2 Neostei romys pat 2 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 2 --> (012) (wi thi n
terminal)
2 Austral oprocta f 2 --> (012) (wi thi n
terminal)
2 Luantus propheti 2 --> (012) (wi thi n
terminal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
terminal)
2      Cavi a aperea 2 --> (012) (wi thi n
terminal)
2      Gale a spi xi i 2 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
terminal)
2 Neoreomys austra 2 --> (012) (wi thi n
terminal)
2      Dasyprocta 2 --> (012) (wi thi n
terminal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 2 --> (012) (wi thi n
terminal)
2          node_154 2 --> 0 node_153
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
2 Di nomys brani cki 0 --> (012) (wi thi n
terminal)
2 Neoepi bl ema ambr 0 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 0 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 0 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 2 --> (012) (wi thi n
terminal)
2 Prospani omys pri 2 --> (012) (wi thi n

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Hsearch_Consensus.out

			terminal)
2	Spani omys ri pari	2 -->	(012) (wi thi n terminal)
2	Myocastor coypus	2 -->	(012) (wi thi n terminal)
2	Proechi mys cuvi e	2 -->	(012) (wi thi n terminal)
2	Maruchi to tri l of	2 -->	(012) (wi thi n terminal)
2	Thri chomys apere	2 -->	(012) (wi thi n terminal)
2	Echi mys chrysuru	2 -->	(012) (wi thi n terminal)
2	Makal ata di del ph	2 -->	(012) (wi thi n terminal)
2	Protadel phomys l	2 -->	(012) (wi thi n terminal)
2	Euryzygomatomys	2 -->	(012) (wi thi n terminal)
2	Mesocapromys/Mys	2 -->	(012) (wi thi n terminal)
2	Xenodontomys si m	2 -->	(012) (wi thi n terminal)
2	Ctenomys bol i vi e	2 -->	(012) (wi thi n terminal)
2	Neophanomys bi pl	2 -->	(012) (wi thi n terminal)
2	Pi thanotomys col	2 -->	(012) (wi thi n terminal)
2	Octodon degus	2 -->	(012) (wi thi n terminal)
2	Spal acopus cyanu	2 -->	(012) (wi thi n terminal)
2	Abrocoma bennett	2 -->	(012) (wi thi n terminal)
2	Adel phomys candi	2 -->	(012) (wi thi n terminal)
2	Prosti chomys bow	2 -->	(012) (wi thi n terminal)
2	Sti chomys regul a	2 -->	(012) (wi thi n terminal)
2	Dudumus rui gomez	2 -->	(012) (wi thi n terminal)
2	Pampamys emmonsa	2 -->	(012) (wi thi n terminal)
2	Cavi ocricetus l u	2 -->	(012) (wi thi n terminal)
2	Pl esi acarechi mys	2 -->	(012) (wi thi n terminal)
2	Eosal l amys paul a	2 -->	(012) (wi thi n terminal)
2	Eobrani samys rom	2 -->	(012) (wi thi n terminal)
2	Eobrani samys jav	2 -->	(012) (wi thi n terminal)
2	Tarapotomys suba	2 -->	(012) (wi thi n terminal)
2	Thryonomys swi nd	2 -->	(012) (wi thi n terminal)
2	Paraphi omys pi go	2 -->	(012) (wi thi n terminal)
2	Metaphi omys scha	2 -->	(012) (wi thi n terminal)
2	Bal uchi mys barry	2 -->	(012) (wi thi n terminal)
1	Archetypomys erl	0 -->	(01) (wi thi n terminal)
1	Tri bosphenomys m	0 -->	(01) (wi thi n terminal)
1	Cocomys l i gchaen	0 -->	(01) (wi thi n terminal)

281 (Interruption) 1.000

Hsearch_Consensus.out

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1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1      node_126 0 --> 1 node_124
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1      Cavi a aperea 0 --> (01) (wi thi n termi nal)
1      Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Eosal l amys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1      node_205 0 --> 1 node_122
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1      node_141 0 --> 1 node_130
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)

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282 (Notch between) 0.500

Hsearch_Consensus.out

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1 Steiromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Braniamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_156 0 --> 1 node_155
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branickei 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiromys shipp 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiromys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciamys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilofo 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmons 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaechimys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_193 0 ==> 1 Salomys pascual
1 Eosalomys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

283 (Development o) 0.600

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1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachiyacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomyss pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomyss scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomyss hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 node_141 0 --> 1 node_130
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_156 0 --> 1 node_155
1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblerama ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyss pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyss ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 1 node_215 1 ==> 0 Chapatti mys wi l s
 2 Ottomani a proavi 1 --> (012) (wi thi n
 termi nal)
 1 node_120 1 --> 2 node_119
 2 Hodsahi bi a azrae 2 --> (012) (wi thi n
 termi nal)
 1 node_205 1 --> 2 node_122
 2 Canaani mys maqui 2 --> (012) (wi thi n
 termi nal)
 1 node_205 1 ==> 0 node_204
 1 node_130 0 --> 1 node_128
 2 Protostei romys m 1 --> (012) (wi thi n
 termi nal)
 1 node_126 1 ==> 2 node_124
 2 Neostei romys pat 2 --> (012) (wi thi n
 termi nal)
 2 Pal aeostei romys 0 --> (012) (wi thi n
 termi nal)
 2 Austral oprocta f 0 --> (012) (wi thi n
 termi nal)
 1 node_135 0 ==> 1 Asteromys punctu
 2 Dol ichoti s patag 0 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 0 --> (012) (wi thi n
 termi nal)
 2 Cavi a aperea 0 --> (012) (wi thi n
 termi nal)
 2 Galea spi xi i 0 --> (012) (wi thi n
 termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)

284 (*Posterior is) 0.474

Hsearch_Consensus.out

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2      Dasyprocta 0 --> (012) (wi thi n
      terminal)
1      node_195 0 --> 1 node_161
1      node_156 1 --> 0 node_155
2 Potamarchus muri 0 --> (012) (wi thi n
      terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
      terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
      terminal)
2 Scleromys praecu 0 --> (012) (wi thi n
      terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
      terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
      terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
      terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
      terminal)
2 Draconomys verai 0 --> (012) (wi thi n
      terminal)
2      node_163 0 ==> 2 Deseadomys aramb
2 Gal ileomys euryg 0 --> (012) (wi thi n
      terminal)
2 Prospani omys pri 0 --> (012) (wi thi n
      terminal)
2 Spani omys ri pari 0 --> (012) (wi thi n
      terminal)
2 Myocastor coypus 0 --> (012) (wi thi n
      terminal)
2 Proechi mys cuvie 0 --> (012) (wi thi n
      terminal)
2 Maruchi to tri l of 0 --> (012) (wi thi n
      terminal)
2 Thri chomys apere 0 --> (012) (wi thi n
      terminal)
2 Echi mys chrysuru 0 --> (012) (wi thi n
      terminal)
2 Makal ata di del ph 0 --> (012) (wi thi n
      terminal)
2 Protadel phomys l 0 --> (012) (wi thi n
      terminal)
2 Euryzygomatomys 0 --> (012) (wi thi n
      terminal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
      terminal)
2 Xenodontomys si m 0 --> (012) (wi thi n
      terminal)
2 Ctenomys bol i vie 0 --> (012) (wi thi n
      terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
      terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
      terminal)
2      Octodon degus 0 --> (012) (wi thi n
      terminal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
      terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
      terminal)
2 Adel phomys candi 0 --> (012) (wi thi n
      terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
      terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
      terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Pampamys emmonsa 0 --> terminal
2 Pampamys emmonsa 0 --> (012) (w i t h i n
terminal)
2 Cavi ocricetus lu 0 --> (012) (w i t h i n
terminal)
2 Plesi acarechimy 0 --> (012) (w i t h i n
terminal)
2 Sal lamys pascual 0 --> (012) (w i t h i n
terminal)
2 Eosal lamys paula 0 --> (012) (w i t h i n
terminal)
2 Shapaj amys laboc 0 --> (012) (w i t h i n
terminal)
2 Eobrani samys rom 0 --> (012) (w i t h i n
terminal)
2 Eobrani samys jav 0 --> (012) (w i t h i n
terminal)
2 Pozomys ucayal ie 0 --> (012) (w i t h i n
terminal)
2 Tarapotomys suba 0 --> (012) (w i t h i n
terminal)
2 Cachi yacuy kumme 1 --> (012) (w i t h i n
terminal)
2 Thryonomys swi nd 1 --> (012) (w i t h i n
terminal)
2 Paraphi omys pi go 1 --> (012) (w i t h i n
terminal)
2 Metaphi omys scha 1 --> (012) (w i t h i n
terminal)
1 node_211 1 ==> 0 Acri tophi omys bo
2 Bal uchi mys barry 1 --> (012) (w i t h i n
terminal)
285 (Hypol ophi d on) 0.667
1 Archetypomys erl 0 --> (01) (w i t h i n terminal)
1 node_118 0 ==> 1 Bi rbal omys sonda
1 node_216 0 --> 1 node_215
1 node_213 1 --> 0 Ottomani a proavi
1 Bugti mys zafarul 1 --> (01) (w i t h i n terminal)
1 Hodsahi bi a azrae 1 --> (01) (w i t h i n terminal)
1 Phi omys hammudai 1 --> (01) (w i t h i n terminal)
1 Canaani mys maqui 1 --> (01) (w i t h i n terminal)
1 Protoste i romys m 1 --> (01) (w i t h i n terminal)
1 Neoste i romys pat 1 --> (01) (w i t h i n terminal)
1 Pal aeoste i romys 1 --> (01) (w i t h i n terminal)
1 Dol i choti s patag 1 --> (01) (w i t h i n terminal)
1 Hydrochoer us hyd 1 --> (01) (w i t h i n terminal)
1 Cavi a aperea 1 --> (01) (w i t h i n terminal)
1 Galea spi xi i 1 --> (01) (w i t h i n terminal)
1 Potamarchus muri 1 --> (01) (w i t h i n terminal)
1 Lagostomus maxi m 1 --> (01) (w i t h i n terminal)
1 Scleromys praecu 1 --> (01) (w i t h i n terminal)
1 Chambi ramys shi p 1 --> (01) (w i t h i n terminal)
1 Eoi ncamys parvus 1 --> (01) (w i t h i n terminal)
1 Eoi ncamys val ver 1 --> (01) (w i t h i n terminal)
1 Prospani omys pri 1 --> (01) (w i t h i n terminal)
1 Spani omys ri pari 1 --> (01) (w i t h i n terminal)
1 Myocastor coypus 1 --> (01) (w i t h i n terminal)
1 Proechi mys cuvie 1 --> (01) (w i t h i n terminal)
1 Maruchi to tri lof 1 --> (01) (w i t h i n terminal)
1 Thri chomys apere 1 --> (01) (w i t h i n terminal)
1 Echi mys chrysuru 1 --> (01) (w i t h i n terminal)
1 Makal ata di del ph 1 --> (01) (w i t h i n terminal)
1 Euryzygomatomys 1 --> (01) (w i t h i n terminal)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n terminal)
1 Xenodontomys si m 1 --> (01) (w i t h i n terminal)
1 Ctenomys bol ivie 1 --> (01) (w i t h i n terminal)
1 Neophanomys bi pl 1 --> (01) (w i t h i n terminal)
1 Pi thanotomys col 1 --> (01) (w i t h i n terminal)
1 Octodon degus 1 --> (01) (w i t h i n terminal)

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Hsearch_Consensus.out

286 (Length of the) 0.571

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1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_215 0 --> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsa hi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_207 1 ==> 0 node_206
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1 Neoste i romys pat 0 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
1 Dol i choti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoe rus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 node_163 0 ==> 1 Platypi ttamys br
1 node_164 0 ==> 1 Sci amys pri nci pa
1 Gal i leomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

287 (Labi al connec) 0.833

1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 2 --> (02) (wi thi n termi nal)
 1 Bugti mys zafarul 2 --> (02) (wi thi n termi nal)
 1 node_120 2 ==> 0 'Wasl amys' atti a
 1 node_207 2 ==> 0 Phi omys hammudai
 1 Eoespi na woodi -E 2 --> (12) (wi thi n termi nal)
 1 node_163 2 ==> 1 Pl atypi ttamys br
 1 Acaremys muri nus 2 --> (23) (wi thi n termi nal)
 1 node_164 2 ==> 1 Sci amys pri nci pa
 1 Gal i le omys euryg 2 --> (12) (wi thi n termi nal)
 1 Sal lamys pascual 2 --> (02) (wi thi n termi nal)
 2 Acri tophi omys bo 2 --> (012) (wi thi n termi nal)

288 (Posterior cri) 1.000

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 node_167 0 ==> 1 node_166
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri l of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

289 (Alignment of) 0.800

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1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomyys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomyys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomyys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaprovavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteiromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteiromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteiromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 ==> 1 Australoprocta f
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia apera 0 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_153
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trifol 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimyys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechimyys 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 node_204 0 ==> 1 node_203

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Hsearch_Consensus.out

290 (Anterior arm) 0.500

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1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 node_216 1 ==> 0 Tamquammys di spi
1 node_213 1 ==> 0 Ottomani a proavi
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Dolichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 node_159 1 --> 0 node_158
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eosal l amys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)

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291 (Height of the) 0.250

Hsearch_Consensus.out

1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys Iuri b 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_140 1 --> 0 node_139
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_195 1 --> 0 node_161
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopib lema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium visca i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata delph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosal lamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_204 1 ==> 0 node_203
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)

292 (Length of the) 0.750

Hsearch_Consensus.out

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1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomyys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomyys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 ==> 1 Australoprocta f
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Braniamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepeblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 node_192 0 --> 1 node_191
1 Prospaniomyys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimyys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechimyys 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys rom 0 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 293 (Anterior outg) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_218 0 ==> 1 node_217
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 1 --> (01) (wi thi n termi nal)
 1 Neosteir omys pat 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteir omys 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 294 (Hypoconulid o) 0.750
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_118 0 ==> 1 Bi rbal omys sonda
 1 node_215 0 ==> 1 Chapatti mys wi l s
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Neosteironomys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteironomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Peromyscus intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopithecium ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosciaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiromys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilofo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampanomys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plestiacarechymys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia apera 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivian 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branickei 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopibelema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimyus chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
1 node_217 1 --> 2 node_216
2 Tamquammys di spi 2 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 2 --> (012) (wi thi n
termi nal)
1 node_119 2 ==> 1 Bugti mys zafarul
2 node_207 2 ==> 0 node_206
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 0 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 0 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 0 --> (012) (wi thi n
termi nal)
2 node_138 0 ==> 2 Brani samys luri b
2 node_139 0 ==> 2 Cuni cul us paca-t
1 node_156 0 --> 1 node_155
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
1 node_154 1 ==> 2 node_153
2 Scl eromys quadra 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)

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296 (*Distance bet) 0.167

Hsearch_Consensus.out

2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 2 --> (012) (wi thi n
termi nal)
2 Neopepi blema ambr 2 --> (012) (wi thi n
termi nal)
2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
termi nal)
2 Draconomys verai 0 --> (012) (wi thi n
termi nal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
termi nal)
2 node_166 0 --> 2 node_165
2 Gal ileomys euryg 2 --> (012) (wi thi n
termi nal)
2 Wi l l i dewu estepa 0 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 0 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 0 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 0 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvi e 0 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 0 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 0 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 0 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 0 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 0 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 0 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 0 --> (012) (wi thi n
termi nal)
2 Octodon degus 0 --> (012) (wi thi n
termi nal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 0 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Adelphomys candi 0 --> terminal
2 Adelphomys candi 0 --> (012) (with terminal)
2 Prosthomys bow 0 --> (012) (with terminal)
2 Prosthomys bow 0 --> terminal
2 Stenomys regula 0 --> (012) (with terminal)
2 Stenomys regula 0 --> terminal
2 Dudumys rui gomez 0 --> (012) (with terminal)
2 Dudumys rui gomez 0 --> terminal
2 Pampamys emmonsa 0 --> (012) (with terminal)
2 Pampamys emmonsa 0 --> terminal
2 Caviocricetus lu 0 --> (012) (with terminal)
2 Caviocricetus lu 0 --> terminal
2 Plesiacaeromys 0 --> (012) (with terminal)
2 Plesiacaeromys 0 --> terminal
2 Eosallamys paula 0 --> (012) (with terminal)
2 Eosallamys paula 0 --> terminal
2 Shapajamys laboc 0 --> (012) (with terminal)
2 Shapajamys laboc 0 --> terminal
2 Eobranisamys rom 0 --> (012) (with terminal)
2 Eobranisamys rom 0 --> terminal
2 Eobranisamys jav 0 --> (012) (with terminal)
2 Eobranisamys jav 0 --> terminal
2 Tarapotomys mayo 0 --> (012) (with terminal)
2 Tarapotomys mayo 0 --> terminal
2 Tarapotomys suba 0 --> (012) (with terminal)
2 Tarapotomys suba 0 --> terminal
2 Thryonomys swind 2 --> (012) (with terminal)
2 Thryonomys swind 2 --> terminal
2 Paraphomys pi go 2 --> (012) (with terminal)
2 Paraphomys pi go 2 --> terminal
2 Metaphomys scha 2 --> (012) (with terminal)
2 Metaphomys scha 2 --> terminal
2 Baluchimys barry 2 --> (012) (with terminal)
2 Baluchimys barry 2 --> terminal
297 (Anterior proj) 1.000
1 Archetypomys erl 0 --> (01) (with terminal)
1 Archetypomys erl 0 --> terminal
1 Canaanimys maqui 0 --> (01) (with terminal)
1 Canaanimys maqui 0 --> terminal
1 Protosteioromys m 0 --> (01) (with terminal)
1 Protosteioromys m 0 --> terminal
1 Neosteioromys pat 0 --> (01) (with terminal)
1 Neosteioromys pat 0 --> terminal
1 Palaeosteioromys 0 --> (01) (with terminal)
1 Palaeosteioromys 0 --> terminal
1 node_134 0 ==> 1 node_133
1 Potamarchus muri 0 --> (01) (with terminal)
1 Potamarchus muri 0 --> terminal
1 Scleromys praecu 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> terminal
1 Chambi ramys shi p 0 --> (01) (with terminal)
1 Chambi ramys shi p 0 --> terminal
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> terminal
1 Eoincamys val ver 0 --> (01) (with terminal)
1 Eoincamys val ver 0 --> terminal
1 Prospaniomys pri 0 --> (01) (with terminal)
1 Prospaniomys pri 0 --> terminal
1 Spaniomys ripari 0 --> (01) (with terminal)
1 Spaniomys ripari 0 --> terminal
1 Myocastor coypus 0 --> (01) (with terminal)
1 Myocastor coypus 0 --> terminal
1 Proechimys cuvie 0 --> (01) (with terminal)
1 Proechimys cuvie 0 --> terminal
1 Maruchito trilof 0 --> (01) (with terminal)
1 Maruchito trilof 0 --> terminal
1 Thrichomys apere 0 --> (01) (with terminal)
1 Thrichomys apere 0 --> terminal
1 Echimyus chrysuru 0 --> (01) (with terminal)
1 Echimyus chrysuru 0 --> terminal
1 Makalata didelph 0 --> (01) (with terminal)
1 Makalata didelph 0 --> terminal
1 Euryzygomatomys 0 --> (01) (with terminal)
1 Euryzygomatomys 0 --> terminal
1 Mesocapromys/Mys 0 --> (01) (with terminal)
1 Mesocapromys/Mys 0 --> terminal
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Xenodontomys sim 0 --> terminal
1 Ctenomys bolivi e 0 --> (01) (with terminal)
1 Ctenomys bolivi e 0 --> terminal
1 Neophanomys bipl 0 --> (01) (with terminal)
1 Neophanomys bipl 0 --> terminal
1 Pi thanotomys col 0 --> (01) (with terminal)
1 Pi thanotomys col 0 --> terminal
1 Octodon degus 0 --> (01) (with terminal)
1 Octodon degus 0 --> terminal
1 Spalacopus cyanu 0 --> (01) (with terminal)
1 Spalacopus cyanu 0 --> terminal
1 Abrocoma bennett 0 --> (01) (with terminal)
1 Abrocoma bennett 0 --> terminal
1 Adelphomys candi 0 --> (01) (with terminal)
1 Adelphomys candi 0 --> terminal
1 Prosthomys bow 0 --> (01) (with terminal)
1 Prosthomys bow 0 --> terminal
1 Stenomys regula 0 --> (01) (with terminal)
1 Stenomys regula 0 --> terminal
1 Dudumys rui gomez 0 --> (01) (with terminal)
1 Dudumys rui gomez 0 --> terminal
1 Pampamys emmonsa 0 --> (01) (with terminal)
1 Pampamys emmonsa 0 --> terminal

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Hsearch_Consensus.out

298 (Development o) 1.000

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1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacarechymys 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Eobranisamys rom 0 --> (01) (withn terminal)
1 Eobranisamys jav 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphiomys pi go 0 --> (01) (withn terminal)
1 Metaphiomys scha 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys di spi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Ottomaniaproavi 0 --> (01) (withn terminal)
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Hodsahibia azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomys hammudai 0 --> (01) (withn terminal)
1 Cachiyacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Branisamyopsis a 0 --> (01) (withn terminal)
1 Neosteioromys pat 0 --> (01) (withn terminal)
1 Erethizon dorsat 0 --> (01) (withn terminal)
1 Coendou prehensi 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Hyposteioromys a 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 node_133 0 --> 1 node_131
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys australa 0 --> (01) (withn terminal)
1 Branisamys luri b 0 --> (01) (withn terminal)
1 Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivian 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 Neopiblima ambr 0 --> (01) (withn terminal)
1 Chinchilla lani g 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys shi p 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys syl v 0 --> (01) (withn terminal)
1 Eoincamys val ver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 node_131 0 ==> 1 Hydrochoerus hyd
 1 node_132 0 ==> 1 Cavia aperea
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 300 (Fundamental e) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 node_131 0 ==> 1 Hydrochoerus hyd
 1 node_132 0 ==> 1 Cavi a aperea
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 301 (Secondary ext) 1.000
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Palaeosteiromys 0 --> (01) (within terminal)
1   node_131 0 ==> 1 Hydrochoerus hyd
1 Potamarchus muri 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiromys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Prospaniomyss pri 0 --> (01) (within terminal)
1 Spaniomyss ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechiomyss cuvie 0 --> (01) (within terminal)
1 Maruchitotrilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echiomyss chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pi thanotomys col 0 --> (01) (within terminal)
1   Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prosti chomys bow 0 --> (01) (within terminal)
1 Sti chomys regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviocri cetus lu 0 --> (01) (within terminal)
1 Plesi acarechi mys 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomyss pi go 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1   node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1   Cavia aperea 1 --> (01) (within terminal)
1   Galea spixii 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neopiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxi m 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garri domys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)

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302 (Proportions o) 0.500

Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_208 1 ==> 0 Paraphimys pi go
 303 (Trigoni d w i d t) 0.125
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 node_198 0 ==> 1 node_141
 1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_138 1 --> 0 node_137
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Micromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopibelema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_187 0 ==> 1 Prospani omys pri
 1 node_171 0 ==> 1 node_170
 1 node_168 1 ==> 0 Myocastor coypus
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_185 0 ==> 1 node_184
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_209 0 ==> 1 node_208
 304 (Paraconi d (or) 1.000
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1      node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal )
1 Chapattimys wils 1 --> (01) (wi thi n termi nal )
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal )
1 Protosteioromys m 1 --> (01) (wi thi n termi nal )
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal )
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal )
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal )
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal )
1 Australoprocta f 1 --> (01) (wi thi n termi nal )
1 Asteromys punctu 1 --> (01) (wi thi n termi nal )
1 Dolichotis patag 1 --> (01) (wi thi n termi nal )
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal )
1      Cavia aperea 1 --> (01) (wi thi n termi nal )
1      Galea spixii 1 --> (01) (wi thi n termi nal )
1 Neoreomys austra 1 --> (01) (wi thi n termi nal )
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal )
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal )
1 Microsscleromys p 1 --> (01) (wi thi n termi nal )
1 Scleromys quadra 1 --> (01) (wi thi n termi nal )
1 Scleromys angust 1 --> (01) (wi thi n termi nal )
1 Potamarchus muri 1 --> (01) (wi thi n termi nal )
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal )
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal )
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal )
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal )
1 Scleromys osborn 1 --> (01) (wi thi n termi nal )
1 Garri domys curnu 1 --> (01) (wi thi n termi nal )
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal )
1 Scleromys praecu 1 --> (01) (wi thi n termi nal )
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal )
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal )
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal )
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal )
1 Draconomys verai 1 --> (01) (wi thi n termi nal )
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal )
1 Platypittamys br 1 --> (01) (wi thi n termi nal )
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal )
1 Acaremys murinus 1 --> (01) (wi thi n termi nal )
1 Willidewu estepa 1 --> (01) (wi thi n termi nal )
1 Protadelphomys l 1 --> (01) (wi thi n termi nal )
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal )
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal )
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal )
1 Pithanotomys col 1 --> (01) (wi thi n termi nal )
1      Octodon degus 1 --> (01) (wi thi n termi nal )
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal )
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal )
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal )
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal )
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal )
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal )
1 Reithroparamys d 0 --> (01) (wi thi n termi nal )
1      node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal )
1 Chapattimys wils 1 --> (01) (wi thi n termi nal )
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal )
1      node_211 1 --> 0 node_210
1      node_209 0 --> 1 node_207
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal )
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal )
1      node_205 1 --> 0 node_204
1 Protosteioromys m 0 --> (01) (wi thi n termi nal )
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal )
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal )
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal )
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal )
1 Australoprocta f 0 --> (01) (wi thi n termi nal )

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305 (Anteroconid o) 0.286

Hsearch_Consensus.out

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1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 node_157 0 --> 1 node_156
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopibidema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 node_200 0 --> 1 Shapaj amys laboc
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 node_213 1 ==> 0 node_212
1 node_207 0 ==> 1 Phiomys hammudai
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 Stei romys detent 0 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 307 (Anterior cing) 0.500
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 node_120 0 ==> 1 'Waslamys' attia
 1 node_210 0 ==> 1 node_209
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 308 (*Position of) 0.273
 2 Cocomys ligchaen 1 --> (012) (wi thi n termi nal)
 2 Reithroparamys d 1 --> (012) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Birbalomys sonda 1 --> (12) (withn terminal)
2 Tamquammys di spi 1 --> (012) (withn
terminal)
2 Chapattimys wils 1 --> (012) (withn
terminal)
1 node_213 1 ==> 2 Ottomani a proavi
1 node_120 1 ==> 2 'Waslamys' attia
1 node_121 1 ==> 0 Cachi yacuy conta
2 Canaani mys maqui 1 --> (012) (withn
terminal)
1 node_141 1 --> 2 node_130
2 Protosteirromys m 2 --> (012) (withn
terminal)
2 Neosteirromys pat 2 --> (012) (withn
terminal)
2 Erethizon dorsat 2 --> (012) (withn
terminal)
1 Hyposteirromys a 2 --> (12) (withn terminal)
2 Chaetomys subspi 2 --> (012) (withn
terminal)
2 Palaeosteirromys 1 --> (012) (withn
terminal)
2 Australoprocta f 1 --> (012) (withn
terminal)
1 node_136 1 --> 0 node_135
2 Asteromys punctu 0 --> (012) (withn
terminal)
2 Dolichotis patag 0 --> (012) (withn
terminal)
2 Hydrochoerus hyd 0 --> (012) (withn
terminal)
2 Cavia aperea 0 --> (012) (withn
terminal)
2 Galea spixii 0 --> (012) (withn
terminal)
2 Neoreomys austra 1 --> (012) (withn
terminal)
1 Brani samys luri b 1 --> (01) (withn terminal)
2 Cuniculus paca-t 1 --> (012) (withn
terminal)
2 Eoincamys pascua 1 --> (012) (withn
terminal)
1 node_154 1 --> 0 node_142
2 Microscleromys p 0 --> (012) (withn
terminal)
2 Scleromys quadra 1 --> (012) (withn
terminal)
2 Scleromys angust 1 --> (012) (withn
terminal)
2 Potamarchus muri 1 --> (012) (withn
terminal)
2 Dinomys branickei 1 --> (012) (withn
terminal)
2 Neoeublema ambr 1 --> (012) (withn
terminal)
2 Chinchilla lanig 1 --> (012) (withn
terminal)
2 Lagidium viscaci 1 --> (012) (withn
terminal)
2 Lagostomus maxim 1 --> (012) (withn
terminal)
2 Scleromys osborn 1 --> (012) (withn
terminal)
2 Garri domys curnu 1 --> (012) (withn
terminal)
2 Eoviscaccia fras 1 --> (012) (withn
terminal)
2 Scleromys praecu 1 --> (012) (withn

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Hsearch_Consensus.out

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terminal)
2 Eoincamys parvus 1 --> (012) (with in
terminal)
2 Chambi ramys syl v 1 --> (012) (with in
terminal)
2 Eoincamys val ver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platyptamys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Acaemys murinus 2 --> (012) (with in
terminal)
1 node_165 2 --> 1 Galileomys euryg
2 Willidewu estepa 2 --> (012) (with in
terminal)
1 node_176 2 --> 1 node_173
1 node_170 1 --> 0 node_169
2 node_168 0 ==> 2 Spaniomys ripari
1 node_171 1 --> 2 Thrichomys apere
2 Protadelphomys l 2 --> (012) (with in
terminal)
2 Mesocapromys/Mys 2 --> (012) (with in
terminal)
2 Xenodontomys sim 2 --> (012) (with in
terminal)
2 Ctenomys bolivie 2 --> (012) (with in
terminal)
2 Neophanomys bipl 2 --> (012) (with in
terminal)
2 Pithanotomys col 2 --> (012) (with in
terminal)
2 Octodon degus 2 --> (012) (with in
terminal)
2 Spalacopus cyanu 2 --> (012) (with in
terminal)
2 Abrocoma bennett 2 --> (012) (with in
terminal)
1 node_188 2 --> 1 Dudumus rui gomez
1 node_190 2 --> 1 Caviocricetus lu
2 Plesiacaemys 2 --> (012) (with in
terminal)
1 node_197 1 ==> 0 Eosallamys paula
1 node_200 1 ==> 0 Shapajamys laboc
2 Eobranisamys jav 1 --> (012) (with in
terminal)
2 Pozomys ucayalie 1 --> (012) (with in
terminal)
2 Tarapotomys mayo 1 --> (012) (with in
terminal)
2 Tarapotomys suba 1 --> (012) (with in
terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1 node_209 1 --> 2 node_208
2 Thryonomys swind 2 --> (012) (with in
terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1   Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1   Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblerama ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1   node_190 0 ==> 1 node_189
1   node_186 1 --> 0 node_183
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1   Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1   node_193 0 ==> 1 Sal lamys pascual
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1   node_120 0 ==> 1 'Waslamys' attia
1   node_210 0 ==> 1 node_209
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )

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310 (Metalophulid) 0.600

Hsearch_Consensus.out

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1      Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1      Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1      node_190 1 ==> 0 Caviocri cetus lu
1 Pleisiacarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1      node_120 0 --> 1 'Waslamys' attia
1      node_211 0 --> 1 node_210
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1      Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1      Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l )
1      Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1      node_158 1 ==> 0 node_157
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neoeptiblenema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypitmys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_168 1 ==> 0 Myocastor coypus
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi carechi mys 1 --> (01) (wi thi n termi nal)
1 node_200 1 --> 0 node_199
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Metaphomys scha 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 node_120 0 ==> 1 'Wasl amys' attia
1 node_211 0 --> 1 node_210
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteironomys m 1 --> (01) (wi thi n termi nal)
1 Neosteironomys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteironomys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 node_136 1 ==> 0 Luantus propheti
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Branisamys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)

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312 (Labi al connec) 0.500

Hsearch_Consensus.out

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1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 node_200 1 --> 0 node_199
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_214 0 ==> 1 node_213
1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )

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313 (Mesostylid on) 0.571

Hsearch_Consensus.out

314 (Anterior isol) 0.500

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1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambiramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_168 1 ==> 0 Spani omys ri pari
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_208 1 ==> 0 Paraphi omys pi go
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_207
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 node_205 1 --> 0 node_204
1 node_141 0 --> 1 node_130
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperrea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cunicul us paca-t 0 --> (01) (wi thi n termi nal)
1 node_197 0 ==> 1 node_196
1 node_157 1 --> 0 node_156
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Dinomys branicki 0 --> (01) (with in terminal)
1 Neopiblima ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Eoincamys parvus 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Acaremys murinus 1 --> (01) (with in terminal)
1 Sci amys principa 1 --> (01) (with in terminal)
1 Galileomys euryg 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 node_190 1 --> 0 node_189
1 node_188 0 --> 1 node_187
1 node_186 1 --> 0 node_183
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Eobrani samys rom 0 --> (01) (with in terminal)
1 Eobrani samys jav 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1 Paraphi omys pigo 0 --> (01) (with in terminal)
1 Metaphi omys scha 0 --> (01) (with in terminal)
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Archetypomys erl 1 --> (01) (with in terminal)
1 Triboosphenomys m 1 --> (01) (with in terminal)
1 Cocomys ligchaen 1 --> (01) (with in terminal)
1 Reithroparamys d 1 --> (01) (with in terminal)
1 Birbalomys sonda 1 --> (01) (with in terminal)
1 Tamquammys dispi 1 --> (01) (with in terminal)
1 Chapattimys wils 1 --> (01) (with in terminal)
1 Ottomani a proavi 1 --> (01) (with in terminal)
1 Bugtimys zafarul 1 --> (01) (with in terminal)
1 Hodsahibi a azrae 1 --> (01) (with in terminal)
1 node_207 1 --> 0 node_206
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Eosteioromys homo 0 --> (01) (with in terminal)
1 Brani samyopsis a 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 Coendou prehensi 0 --> (01) (with in terminal)
1 Steioromys detent 0 --> (01) (with in terminal)
1 Hypsosteioromys a 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Luantus propheti 0 --> (01) (with in terminal)

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315 (Anterior conn) 0.833

Hsearch_Consensus.out

```

1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neopiblima ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1   node_193 0 --> 1 node_192
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

316 (Posterior iso) 1.000

1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapatti mys wil s 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugti mys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protoste i romys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoste i romys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeoste i romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichoti s patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Peri mys i ntermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscl eromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi l l a l ani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pl atypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Wi l l i dewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol ivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spal acopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal ie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)

317 (Metaconid cri) 0.571

Hsearch_Consensus.out

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1 Baluchimys barry 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (withn terminal)
1 Tamquammys dispi 1 --> (01) (withn terminal)
1 Chapattimys wils 1 --> (01) (withn terminal)
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1 Canaanimys maqui 1 --> (01) (withn terminal)
1 node_141 1 ==> 0 node_130
1 Protosteioromys m 0 --> (01) (withn terminal)
1 node_126 0 --> 1 node_124
1 Eosteioromys homo 1 --> (01) (withn terminal)
1 Neosteioromys pat 1 --> (01) (withn terminal)
1 Erethizon dorsat 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 1 --> (01) (withn terminal)
1 Australoprocta f 1 --> (01) (withn terminal)
1 Luantus propheti 1 --> (01) (withn terminal)
1 Asteromys punctu 1 --> (01) (withn terminal)
1 Dolichotis patag 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1 Cavia aperea 1 --> (01) (withn terminal)
1 Galea spixii 1 --> (01) (withn terminal)
1 Neoreomys austra 1 --> (01) (withn terminal)
1 Dasyprocta 1 --> (01) (withn terminal)
1 Cuniculus paca-t 1 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1 Scleromys quadra 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Dinomys branicki 1 --> (01) (withn terminal)
1 Neoepiblema ambr 1 --> (01) (withn terminal)
1 Chinchilla lanig 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Garridomys curnu 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Eoviscaccia aust 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys ship 1 --> (01) (withn terminal)
1 Eoincamys parvus 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1 node_191 1 --> 0 node_190
1 node_176 0 --> 1 node_173
1 Spaniomyx ripari 1 --> (01) (withn terminal)
1 Maruchito trifol 1 --> (01) (withn terminal)
1 node_171 1 --> 0 Thrichomys apere
1 Echimyx chrysuru 1 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivi 0 --> (01) (withn terminal)
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
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Hsearch_Consensus.out

318 (Neocristid 1) 1.000

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1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Sallamys pascual 1 --> (01) (withn terminal)
1 Mayomys confluen 1 --> (01) (withn terminal)
1 Shapajamys laboc 1 --> (01) (withn terminal)
1 Eobrani samys jav 1 --> (01) (withn terminal)
1 Pozomys ucayalie 1 --> (01) (withn terminal)
1 Tarapotomys mayo 1 --> (01) (withn terminal)
1 Tarapotomys suba 1 --> (01) (withn terminal)
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Tamquammys dispi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Protosteironmys m 0 --> (01) (withn terminal)
1 Eosteironmys homo 0 --> (01) (withn terminal)
1 Neosteironmys pat 0 --> (01) (withn terminal)
1 Erethizon dorsat 0 --> (01) (withn terminal)
1 Steironmys detent 0 --> (01) (withn terminal)
1 node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Palaeosteironmys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1 Cavia aperea 0 --> (01) (withn terminal)
1 Galea spixii 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1 Eoincamys pasqua 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 Neoepiblema ambr 0 --> (01) (withn terminal)
1 Chinchilla lanig 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eviscaccia fras 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys valver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucocephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Eobrani samys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)

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319 (Labial connec) 1.000

Hsearch_Consensus.out

1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespi na woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eostei romys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito tril of 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelphinae 0 --> (01) (wi thi n termi nal)
 1 Protodelomys 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys boliviense 0 --> (01) (wi thi n termi nal)
 1 Neophantomys bipartitus 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanus 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennetti 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsae 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus 1u 0 --> (01) (wi thi n termi nal)
 1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluent 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayaliese 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachiycuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphimys pigo 0 --> (01) (wi thi n termi nal)
 1 Metaphimys schae 0 --> (01) (wi thi n termi nal)
 1 Acritophimys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaeni 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Protosteirromys m 0 --> (01) (wi thi n termi nal)
 1 Neosteirromys pat 0 --> (01) (wi thi n termi nal)
 1 Erethizon dorsale 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subsp 0 --> (01) (wi thi n termi nal)
 1 Palaeosteirromys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galeaspixia 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_138 0 ==> 1 Branisamys luri b
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys boliviense 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
 1 Neoeplema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Chambiramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Acaremys murinus 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 node_201 0 ==> 1 node_200
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomys hammudai 0 --> (01) (with in terminal)
1 Cachiyacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Eosteioromys homo 0 --> (01) (with in terminal)
1 Branisamyopsis a 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 Coendou prehensi 0 --> (01) (with in terminal)
1 Steioromys detent 0 --> (01) (with in terminal)
1 Hyposteioromys a 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Branisamys luri b 0 --> (01) (with in terminal)
1 Dasyprocta 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branicki 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Chinchilla lani g 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxi m 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys muri nus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys princi pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tril of 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol ivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ple siacarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosal lamys paul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_200 0 ==> 1 Shapaj amys laboc
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal ie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swi nd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Rei throparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bi rbal omys sonda 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapatti mys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 node_192 1 --> 0 node_167
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Spaniomyx ripari 1 --> (01) (wi thi n termi nal)
1 node_169 1 ==> 0 Proechimys cuvie
1 Maruchito trifol 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimyx chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 3 --> (03) (wi thi n termi nal)
1 node_120 3 ==> 0 'Waslamys' attia
1 Cachi yacuy conta 3 --> (03) (wi thi n termi nal)
1 Eoespina woodi -E 3 --> (03) (wi thi n termi nal)
1 node_122 3 ==> 2 Canaanimys maqui
1 node_141 3 --> 4 node_130
1 node_124 4 --> 1 node_123

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Hsearch_Consensus.out

1 Coendou prehensi 4 --> (14) (wi thi n termi nal)
 1 node_197 3 ==> 0 node_196
 1 Incamys bolivi an 0 --> (03) (wi thi n termi nal)
 1 node_168 0 ==> 3 Myocastor coypus
 1 node_186 0 ==> 2 node_185
 1 Stichomys regula 2 --> (02) (wi thi n termi nal)
 2 Caviocricetus lu 0 --> (023) (wi thi n
 termi nal)
 1 Plesiacaarechi mys 0 --> (02) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (03) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (02) (wi thi n termi nal)
 1 node_209 3 --> 0 node_208
 324 (Double lingua) 0.857
 1 Metaphomys scha 3 --> (03) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Bugtiumys zafaral 0 --> (01) (wi thi n termi nal)
 1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
 1 Steiromys detent 0 --> (02) (wi thi n termi nal)
 1 node_154 0 --> 1 node_153
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Cachiyaucy kumme 0 --> (01) (wi thi n termi nal)
 325 (Protoconid cr) 0.400
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 1 --> (01) (wi thi n termi nal)
 1 Chapattiumys wils 1 --> (01) (wi thi n termi nal)
 1 node_213 1 ==> 0 Ottomani a proavi
 1 node_119 1 ==> 0 Hodsahibia azrae
 1 node_207 1 ==> 0 Phiomys hammudai
 1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaaniumys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteiromys m 1 --> (01) (wi thi n termi nal)
 1 Eosteiromys homo 1 --> (01) (wi thi n termi nal)
 1 Neosteiromys pat 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Steiromys detent 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteiromys 1 --> (01) (wi thi n termi nal)
 1 node_141 1 --> 0 node_140
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galeaspixii 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 node_157 1 --> 0 node_156
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Microsscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (with in terminal)
 1 Eoincamys ameghi 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platypittamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Acaremys murinus 1 --> (01) (with in terminal)
 1 Galileomys euryg 1 --> (01) (with in terminal)
 1 Willidewu estepa 1 --> (01) (with in terminal)
 1 Prospaniomyis pri 1 --> (01) (with in terminal)
 1 node_173 1 --> 0 node_171
 1 Spaniomyis ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Maruchito trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Makalata didelph 1 --> (01) (with in terminal)
 1 Protadelphomys l 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosthichomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Caviocricetus lu 1 --> (01) (with in terminal)
 1 Pleesiacaraechi mys 1 --> (01) (with in terminal)
 1 Sallamys pascual 1 --> (01) (with in terminal)
 1 Eosallamys paula 1 --> (01) (with in terminal)
 1 node_200 1 ==> 0 Shapajamys laboc
 1 Eobranisamys jav 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Tarapotomys mayo 1 --> (01) (with in terminal)
 1 Tarapotomys suba 1 --> (01) (with in terminal)
 1 Thryonomys swind 1 --> (01) (with in terminal)
 1 Paraphiomyis pi go 1 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tribosphenomys m 0 --> (01) (with in terminal)
 1 Cocomys ligchaen 0 --> (01) (with in terminal)
 1 Reithroparamys d 0 --> (01) (with in terminal)
 1 Birbalomys sonda 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Chapattimys wils 0 --> (01) (with in terminal)
 1 Ottomaniaproavi 0 --> (01) (with in terminal)
 1 Hodsahibi azrae 0 --> (01) (with in terminal)
 1 Phiomyis hammudai 0 --> (01) (with in terminal)
 1 Cachi yacuy conta 0 --> (01) (with in terminal)
 1 Eoespina woodi -E 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 node_198 0 --> 1 node_141
 1 Protosteioromys m 1 --> (01) (with in terminal)
 1 Eosteioromys homo 1 --> (01) (with in terminal)
 1 Neosteioromys pat 1 --> (01) (with in terminal)
 1 Erethizon dorsat 1 --> (01) (with in terminal)
 1 Coendou prehensi 1 --> (01) (with in terminal)
 1 Steioromys detent 1 --> (01) (with in terminal)
 1 Hypsosteioromys a 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Palaeosteioromys 1 --> (01) (with in terminal)
 1 Australoprocta f 1 --> (01) (with in terminal)
 1 Luantus propheti 1 --> (01) (with in terminal)
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)

326 (Connection of) 0.667

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1   node_188 0 --> 1 node_187
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)

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327 (Third cristid) 0.250

Hsearch_Consensus.out

```
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_214 0 ==> 1 node_213
1 Protosteironomys m 1 --> (01) (with in terminal)
1 Neosteironomys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteironomys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austral 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branicki 1 --> (01) (with in terminal)
1 Neoepiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garriomys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoviscaccia aust 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 node_157 1 ==> 0 Chambi ramys ship
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 node_187 1 ==> 0 node_186
1 node_176 0 ==> 1 node_173
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 node_184 0 ==> 1 Prosti chomys bow
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (with in terminal)
328 (*Orientation) 0.467
2 Archetypomys erl 0 --> (012) (with in terminal)
2 Tribosphenomys m 0 --> (012) (with in terminal)
2 Cocomys ligchaen 0 --> (012) (with in terminal)
2 Reithroparamys d 0 --> (012) (with in terminal)
2 Birbalomys sonda 0 --> (012) (with in terminal)
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Hsearch_Consensus.out

2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)

2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)

1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)

2 'Waslamys' attia 0 --> (012) (wi thi n
termi nal)

1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)

1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)

2 Protosteioromys m 0 --> (012) (wi thi n
termi nal)

1 node_124 0 --> 1 node_123

2 Neosteioromys pat 1 --> (012) (wi thi n
termi nal)

2 Erethizon dorsat 0 --> (012) (wi thi n
termi nal)

1 node_127 0 ==> 1 Steioromys detent

2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)

2 Palaeosteioromys 0 --> (012) (wi thi n
termi nal)

2 Australoprocta f 0 --> (012) (wi thi n
termi nal)

1 Luantus propheti 0 --> (01) (wi thi n termi nal)

2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)

2 Dolichotis patag 0 --> (012) (wi thi n
termi nal)

2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)

2 Cavia aperea 0 --> (012) (wi thi n
termi nal)

2 Galea spixii 0 --> (012) (wi thi n
termi nal)

2 Perimys intermed 0 --> (012) (wi thi n
termi nal)

2 Neoreomys austra 0 --> (012) (wi thi n
termi nal)

2 Cuniculus paca-t 0 --> (012) (wi thi n
termi nal)

1 node_197 0 --> 1 node_196

1 node_195 1 --> 0 node_161

2 Eoincamys pascua 0 --> (012) (wi thi n
termi nal)

2 Microscleromys p 0 --> (012) (wi thi n
termi nal)

2 Scleromys angust 0 --> (012) (wi thi n
termi nal)

2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)

2 Dinomys branicki 0 --> (012) (wi thi n
termi nal)

2 Neopiblema ambr 0 --> (012) (wi thi n
termi nal)

2 Chinchilla lanig 0 --> (012) (wi thi n
termi nal)

2 Lagidium viscaci 0 --> (012) (wi thi n
termi nal)

2 Lagostomus maxi m 0 --> (012) (wi thi n
termi nal)

2 Scleromys osborn 0 --> (012) (wi thi n
termi nal)

2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)

2 Eoviscaccia fras 0 --> (012) (wi thi n
termi nal)

2 Scleromys praecu 0 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

2 Chambi ramys shi p 0 --> (012) (wi thi n
 termi nal)
 2 Chambi ramys syl v 0 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys val ver 0 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys ameghi 0 --> (012) (wi thi n
 termi nal)
 2 Draconomys verai 1 --> (012) (wi thi n
 termi nal)
 2 Leucokephal os ze 1 --> (012) (wi thi n
 termi nal)
 2 Pl atypi ttamys br 1 --> (012) (wi thi n
 termi nal)
 2 Deseadomys aramb 1 --> (012) (wi thi n
 termi nal)
 2 Acaremys muri nus 1 --> (012) (wi thi n
 termi nal)
 2 Wi l l i dewu estepa 1 --> (012) (wi thi n
 termi nal)
 1 node_192 1 --> 2 node_191
 2 node_187 2 ==> 0 node_186
 1 node_171 0 ==> 1 Thri chomys apere
 2 Protadel phomys l 0 --> (012) (wi thi n
 termi nal)
 2 Euryzygomatomys 0 --> (012) (wi thi n
 termi nal)
 2 Mesocapromys/Mys 0 --> (012) (wi thi n
 termi nal)
 2 Xenodontomys si m 0 --> (012) (wi thi n
 termi nal)
 2 Ctenomys bol i vi e 0 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 0 --> (012) (wi thi n
 termi nal)
 2 Pi thanotomys col 0 --> (012) (wi thi n
 termi nal)
 2 Octodon degus 0 --> (012) (wi thi n
 termi nal)
 2 Spal acopus cyanu 0 --> (012) (wi thi n
 termi nal)
 2 Abrocoma bennett 0 --> (012) (wi thi n
 termi nal)
 2 Adel phomys candi 0 --> (012) (wi thi n
 termi nal)
 2 Sti chomys regul a 0 --> (012) (wi thi n
 termi nal)
 1 node_190 2 --> 1 Cavi ocricetus l u
 1 node_200 0 ==> 1 Shapaj amys l aboc
 2 Eobrani samys j av 0 --> (012) (wi thi n
 termi nal)
 2 Pozomys ucayal ie 0 --> (012) (wi thi n
 termi nal)
 2 Tarapotomys mayo 0 --> (012) (wi thi n
 termi nal)
 2 Tarapotomys suba 0 --> (012) (wi thi n
 termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 2 Thryonomys swi nd 0 --> (012) (wi thi n
 termi nal)
 2 Paraphi omys pi go 0 --> (012) (wi thi n
 termi nal)
 2 Bal uchi mys barry 0 --> (012) (wi thi n
 termi nal)
 1 Cocomys l i gchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi l s 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 node_214 0 --> 1 node_213
1 Hodsahibi azrae 1 --> (01) (with in terminal)
1 node_120 1 --> 0 'Wasl amys' attia
1 Eoespina woodi -E 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 node_205 1 --> 0 node_204
1 node_201 0 --> 1 node_198
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 node_126 1 --> 0 node_125
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 Steioromys detent 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Dasyprocta 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branicki 1 --> (01) (with in terminal)
1 Neopiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoviscaccia aust 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 node_157 1 ==> 0 Chambi ramys ship
1 Eoincamys parvus 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Acaremys murinus 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Spani omys ripari 1 --> (01) (with in terminal)
1 Proechi mys cuvie 1 --> (01) (with in terminal)
1 Maruchito trilof 1 --> (01) (with in terminal)
1 Thrichomys apere 1 --> (01) (with in terminal)
1 Echi mys chrysuru 1 --> (01) (with in terminal)
1 Makalata delph 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pithanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 node_188 1 ==> 0 Dudumus rui gomez
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocricetus lu 1 --> (01) (with in terminal)
1 Pleiacarechi mys 1 --> (01) (with in terminal)

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Hsearch_Consensus.out

330 (Length of the) 0.500

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1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 node_124 1 ==> 0 Eosteioromys homo
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1   node_165 0 --> 1 node_164
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1   node_176 0 --> 1 node_173
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1   node_211 0 ==> 1 Acri tophi omys bo
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austr 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1   node_154 0 --> 1 node_153
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)

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331 (Strong forward) 1.000

Hsearch_Consensus.out

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1 Neoepeblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomya ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bip 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus ruigomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphimys pigo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 node_120 1 ==> 0 node_119
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steironomys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )

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332 (Mesoconid on) 0.667

Hsearch_Consensus.out

1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microsscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_214 0 ==> 1 node_213
 1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_161
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 --> 1 node_142
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_187 1 ==> 0 node_186
1 node_176 0 --> 1 node_173
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 node_184 0 ==> 1 Prosthichomys bow
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)

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334 (Lingual conne) 0.632

Hsearch_Consensus.out
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 node_120 0 --> 2 node_119
1 Hodsahi bi a azrae 2 --> (02) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (02) (wi thi n termi nal)
1 node_204 0 --> 1 node_201
1 node_201 1 --> 2 node_198
1 node_126 2 --> 1 node_125
1 Stei romys detent 2 --> (02) (wi thi n termi nal)
1 node_138 2 --> 0 node_137
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 node_165 2 ==> 0 Gal ileomys euryg
1 node_186 2 --> 0 node_185
1 node_188 2 ==> 1 Dudumus rui gomez
1 Cavi ocri cetus lu 2 --> (02) (wi thi n termi nal)
1 node_191 2 ==> 1 Ple si acarechi mys
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 2 --> (02) (wi thi n termi nal)
1 Eosall amys paul a 2 --> (12) (wi thi n termi nal)
2 Acri tophi omys bo 0 --> (012) (wi thi n termi nal)

335 (Mesial ectolo) 1.000

1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)

336 (Orientation o) 1.000

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Hsearch_Consensus.out
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_213 0 ==> 1 node_212
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microsscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblicema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

337 (Distal ectolo) 1.000

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1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteir omys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 node_173 1 ==> 0 node_172
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 node_213 0 ==> 1 Ottomani a proavi
1 node_120 0 --> 1 node_119
1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )

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338 (Alignment of) 0.308

Hsearch_Consensus.out

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1 Hypsosteirromys a 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Palaeosteirromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 node_136 0 ==> 1 Luantus propheti
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Dasyprocta 0 --> (01) (with in terminal)
1 Cuniculus paca-t 0 --> (01) (with in terminal)
1 node_197 0 --> 1 node_196
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 node_154 1 --> 0 node_142
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branicki 1 --> (01) (with in terminal)
1 Neoepiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garriomys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Acaremys murinus 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 node_187 0 ==> 1 node_186
1 node_176 1 --> 0 node_173
1 Spani omys ripari 0 --> (01) (with in terminal)
1 node_169 0 ==> 1 Proechimys cuvie
1 Echimys chrysuru 0 --> (01) (with in terminal)
1 Makalata didelph 0 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 node_190 0 ==> 1 Caviocricetus lu
1 Eobranisamys jav 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Thryonomys swind 0 --> (01) (with in terminal)
1 Paraphi omys pi go 0 --> (01) (with in terminal)
1 Metaphi omys scha 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 node_201 1 --> 0 node_198
1 Protosteirromys m 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Stei romys detent 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_138 0 --> 1 Brani samys luri b
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal i leomys euryg 0 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 node_193 0 --> 1 Sal l amys pascual
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 2 Cocomys ligchaen 0 --> (012) (wi thi n
 termi nal)
 1 node_218 0 --> 1 node_217
 2 Reithroparamys d 1 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n
 termi nal)
 2 Hodsahibia azrae 1 --> (012) (wi thi n
 termi nal)
 1 node_212 1 ==> 2 node_211
 1 node_207 2 ==> 1 Phiomys hammudai
 1 Cachi yacuy conta 2 --> (12) (wi thi n termi nal)
 1 node_122 2 ==> 1 Canaanimys maqui
 1 node_198 2 ==> 1 node_141
 2 Protosteirromys m 1 --> (012) (wi thi n
 termi nal)
 2 Neosteirromys pat 1 --> (012) (wi thi n
 termi nal)
 2 Erethizon dorsat 1 --> (012) (wi thi n
 termi nal)
 1 node_130 1 --> 0 node_129
 2 Chaetomys subspi 0 --> (012) (wi thi n
 termi nal)
 2 Palaeosteirromys 1 --> (012) (wi thi n
 termi nal)
 2 Australoprocta f 1 --> (012) (wi thi n
 termi nal)
 1 node_136 1 --> 2 node_135
 2 Asteromys punctu 2 --> (012) (wi thi n
 termi nal)
 2 Dolichotis patag 2 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n
 termi nal)
 2 Cavia aperea 2 --> (012) (wi thi n
 termi nal)
 2 Galea spixii 2 --> (012) (wi thi n
 termi nal)
 2 Neoreomys austra 1 --> (012) (wi thi n
 termi nal)
 2 Cuniculus paca-t 1 --> (012) (wi thi n
 termi nal)
 2 Eoincamys pascua 2 --> (012) (wi thi n
 termi nal)
 2 Microscleromys p 2 --> (012) (wi thi n
 termi nal)
 2 Scleromys angust 2 --> (012) (wi thi n
 termi nal)
 2 Drytomomys aequa 2 --> (012) (wi thi n
 termi nal)
 2 Potamarchus muri 2 --> (012) (wi thi n
 termi nal)
 2 Neoeplema ambr 2 --> (012) (wi thi n
 termi nal)
 2 Chinchilla lani g 2 --> (012) (wi thi n
 termi nal)
 2 Lagidium viscaci 2 --> (012) (wi thi n
 termi nal)
 2 Lagostomus maxi m 2 --> (012) (wi thi n

340 (*Position of) 0.412

Hsearch_Consensus.out

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2 Scleromys osborn 2 --> terminal)
2 Garri domys curnu 2 --> (012) (wi thi n
terminal)
2 Eovi scaccia fras 2 --> (012) (wi thi n
terminal)
2 Scleromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 2 --> (012) (wi thi n
terminal)
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
2 Acaremys muri nus 2 --> (012) (wi thi n
terminal)
2 Wi lli dewu estepa 2 --> (012) (wi thi n
terminal)
1 node_188 2 ==> 1 node_187
1 node_182 1 ==> 2 node_176
1 node_169 2 ==> 1 node_168
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
1 Mayomys confl uen 2 --> (12) (wi thi n terminal)
1 Eosal lamys paul a 2 --> (12) (wi thi n terminal)
1 node_200 2 --> 1 node_199
2 Eobrani samys j av 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n
terminal)
1 node_214 1 ==> 2 Bal uchi mys barry
1 Archetypomys erl 1 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 1 --> (01) (wi thi n terminal)
1 Cocomys ligchaen 1 --> (01) (wi thi n terminal)
1 Rei throparamys d 1 --> (01) (wi thi n terminal)
1 Tamquammys di spi 1 --> (01) (wi thi n terminal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n terminal)
1 node_214 1 ==> 0 node_213
1 Bugti mys zafarul 0 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n terminal)
1 node_205 0 ==> 1 node_122
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 node_141 0 --> 1 node_130

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Hsearch_Consensus.out

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1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Micromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiromys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypotomys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )

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342 (Hypolophid on) 1.000

Hsearch_Consensus.out

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1      Galea spi x i i 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuni cul us paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi l l a l ani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypi ttamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Wi l l i dewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bol ivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1      Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayal ie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteir omys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1      Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l )
1      Galea spi x i i 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1      node_154 0 --> 1 node_153
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Di nomys brani cki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi l l a l ani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )

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343 (Alignment of) 0.600

Hsearch_Consensus.out

1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_186 0 --> 1 node_185
 1 node_184 1 --> 0 Prosti chomys bow
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_211 0 --> 1 node_210
 1 node_207 1 --> 0 Phi omys hammudai
 1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys brani cki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoeptiblenema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)

344 (Hypoconulid o) 0.750

Hsearch_Consensus.out

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1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l)
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
1 node_214 1 --> 0 node_213
1 node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachiyacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoicamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)

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345 (Development o) 0.800

Hsearch_Consensus.out

1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
 1 Neoeplema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 node_154 1 ==> 0 node_153
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
1 node_217 1 --> 2 node_216
2 Tamquammys di spi 2 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 2 --> (012) (wi thi n
termi nal)
2 Phiomys hammudai 2 --> (012) (wi thi n
termi nal)
2 Eoespina woodi -E 2 --> (012) (wi thi n
termi nal)
2 Protosteioromys m 2 --> (012) (wi thi n
termi nal)
2 Neosteioromys pat 2 --> (012) (wi thi n
termi nal)
2 Erethizon dorsat 2 --> (012) (wi thi n
termi nal)

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347 (*Height of th) 0.500

Hsearch_Consensus.out

2 Chaetomys subsp 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Luantus propheti 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
1 Brani samys luri b 2 --> (12) (wi thi n termi nal)
2 Dasyprocta 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
termi nal)
1 node_196 2 ==> 1 node_195
1 node_157 1 --> 2 node_156
2 Eoi ncamys pascua 2 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 2 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 2 --> (012) (wi thi n
termi nal)
2 Neoepi blema ambr 2 --> (012) (wi thi n
termi nal)
2 Chi nchi lla lani g 2 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 2 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 2 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)
1 node_195 1 --> 0 node_194

Hsearch_Consensus.out

2 Draconomys verai 0 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 0 --> (012) (wi thi n
termi nal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
termi nal)
2 Deseadomys aramb 0 --> (012) (wi thi n
termi nal)
2 Acaremys muri nus 0 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
termi nal)
2 Gal ileomys euryg 0 --> (012) (wi thi n
termi nal)
2 Wi lli dewu estepa 0 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 0 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 0 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 0 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 0 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 0 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 0 ---> (012) (wi thi n
termi nal)
2 Protadel phomys l 0 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 0 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 0 --> (012) (wi thi n
termi nal)
2 Octodon degus 0 --> (012) (wi thi n
termi nal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 0 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 0 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus l u 0 --> (012) (wi thi n
termi nal)
2 Pl esi acarechi mys 0 --> (012) (wi thi n
termi nal)
2 Sal l amys pascual 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys j av 2 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

1 node_204 2 --> 1 node_203
 2 Pozomys ucayalie 1 --> (012) (wi thi n
 terminal)
 2 Tarapotomys suba 1 --> (012) (wi thi n
 terminal)
 2 Thryonomys swind 2 --> (012) (wi thi n
 terminal)
 348 (Length of the) 1.000
 1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
 1 Reithroparamys d 0 --> (01) (wi thi n terminal)
 1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
 1 Chapattimys wils 0 --> (01) (wi thi n terminal)
 1 'Waslamys' attia 0 --> (01) (wi thi n terminal)
 1 Phiomys hammudai 0 --> (01) (wi thi n terminal)
 1 Protosteioromys m 0 --> (01) (wi thi n terminal)
 1 Neosteioromys pat 0 --> (01) (wi thi n terminal)
 1 Erethizon dorsat 0 --> (01) (wi thi n terminal)
 1 Chaetomys subspi 0 --> (01) (wi thi n terminal)
 1 Palaeosteioromys 0 --> (01) (wi thi n terminal)
 1 Australoprocta f 0 --> (01) (wi thi n terminal)
 1 Asteromys punctu 0 --> (01) (wi thi n terminal)
 1 Dolichotis patag 0 --> (01) (wi thi n terminal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
 1 Cavia aperrea 0 --> (01) (wi thi n terminal)
 1 Galea spixii 0 --> (01) (wi thi n terminal)
 1 Neoreomys austra 0 --> (01) (wi thi n terminal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n terminal)
 1 Eoincamys pascua 0 --> (01) (wi thi n terminal)
 1 node_154 0 --> 1 node_142
 1 Micromys p 1 --> (01) (wi thi n terminal)
 1 Scleromys quadra 0 --> (01) (wi thi n terminal)
 1 Scleromys angust 0 --> (01) (wi thi n terminal)
 1 Drytomomys aequa 0 --> (01) (wi thi n terminal)
 1 Potamarchus muri 0 --> (01) (wi thi n terminal)
 1 Dinomys branicki 0 --> (01) (wi thi n terminal)
 1 Neopibelema ambr 0 --> (01) (wi thi n terminal)
 1 Chinchilla lanig 0 --> (01) (wi thi n terminal)
 1 Lagidium viscaci 0 --> (01) (wi thi n terminal)
 1 Lagostomus maxim 0 --> (01) (wi thi n terminal)
 1 Scleromys osborn 0 --> (01) (wi thi n terminal)
 1 Garri domys curnu 0 --> (01) (wi thi n terminal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
 1 Scleromys praecu 0 --> (01) (wi thi n terminal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n terminal)
 1 Eoincamys val ver 0 --> (01) (wi thi n terminal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n terminal)
 1 Draconomys verai 0 --> (01) (wi thi n terminal)
 1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
 1 Platypittamys br 0 --> (01) (wi thi n terminal)
 1 Deseadomys aramb 0 --> (01) (wi thi n terminal)
 1 Acaremys murinus 0 --> (01) (wi thi n terminal)
 1 Willidewu estepa 0 --> (01) (wi thi n terminal)
 1 Protadelphomys l 0 --> (01) (wi thi n terminal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n terminal)
 1 Xenodontomys sim 0 --> (01) (wi thi n terminal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n terminal)
 1 Pithanotomys col 0 --> (01) (wi thi n terminal)
 1 Octodon degus 0 --> (01) (wi thi n terminal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n terminal)
 1 Abrocoma bennett 0 --> (01) (wi thi n terminal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n terminal)
 1 Eobrani samys jav 0 --> (01) (wi thi n terminal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n terminal)
 1 Tarapotomys suba 0 --> (01) (wi thi n terminal)
 349 (Anteroflexid) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n terminal)
 1 Tribosphenomys m 0 --> (01) (wi thi n terminal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
 1 Reithroparamys d 0 --> (01) (wi thi n terminal)
 1 Tamquammys di spi 0 --> (01) (wi thi n terminal)

Hsearch_Consensus.out

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1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_182 0 ==> 1 node_181
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 node_189 0 ==> 1 Pampamys emmonsa
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pigo 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )

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350 ((Distal) meso) 1.000

Hsearch_Consensus.out

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1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Wi lli dewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_181 0 ==> 1 node_178
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Aca remys muri nus 0 --> (01) (w i t h i n t e r m i n a l )
1 Wi lli dewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l )

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351 (Metaflexid on) 1.000

Hsearch_Consensus.out

1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 node_182 0 ==> 1 node_181
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 352 (*Tri goni d hei) 0. 667
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 --> 0 Tri bosphenomys m
 1 node_118 1 ==> 0 Rei throparamys d
 1 node_215 1 ==> 2 node_214
 2 Ottomani a proavi 2 --> (012) (wi thi n
 termi nal)
 2 Neosteir omys pat 2 --> (012) (wi thi n
 termi nal)
 2 Chaetomys subspi 2 --> (012) (wi thi n
 termi nal)
 2 Potamarchus muri 2 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 2 --> (012) (wi thi n
 termi nal)
 2 Eosal lamys paul a 2 --> (012) (wi thi n
 termi nal)
 2 Thryonomys swi nd 2 --> (012) (wi thi n
 termi nal)
 2 Acri tophi omys bo 2 --> (012) (wi thi n
 termi nal)
 353 (Tri goni d wi dt) 0. 125
 1 node_218 0 --> 1 node_217
 1 node_118 1 --> 0 Rei throparamys d
 1 node_128 1 ==> 0 Protosteir omys m
 1 node_124 1 ==> 0 Eosteir omys homo
 1 Pal aeosteir omys 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 node_158 1 ==> 0 Eoi ncamys parvus
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 node_163 1 ==> 0 Deseadomys aramb
 1 node_187 1 ==> 0 Prospani omys pri
 1 node_177 1 ==> 0 Ctenomys bol ivie
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 354 (*Length of m3) 0. 360
 2 Archetypomys erl 0 --> (012) (wi thi n
 termi nal)
 1 node_219 0 --> 1 Tri bosphenomys m
 2 Chapatti mys wil s 0 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 0 --> (012) (wi thi n
 termi nal)
 2 Hodsahi bi a azrae 0 --> (012) (wi thi n
 termi nal)
 2 'Wasl amys' atti a 0 --> (012) (wi thi n
 termi nal)
 1 node_212 0 --> 1 node_211
 2 Phi omys hammudai 1 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
 termi nal)
 2 Protosteir omys m 1 --> (012) (wi thi n
 termi nal)
 1 node_126 1 --> 2 node_124
 2 Eosteir omys homo 2 --> (012) (wi thi n
 termi nal)
 1 Steir omys detent 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

2 Hypsosteirromys a 1 --> (012) (within terminal)
 2 Palaeosteirromys 1 --> (012) (within terminal)
 2 Australoprocta f 1 --> (012) (within terminal)
 1 Luantus propheti 1 --> (01) (within terminal)
 1 node_131 1 ==> 0 Hydrochoerus hyd
 1 node_132 1 ==> 0 Galea spixii
 1 node_138 1 ==> 2 Braniamys luri b
 1 node_198 1 --> 2 node_197
 2 Eoincamys pascua 2 --> (012) (within terminal)
 2 Microscleromys p 2 --> (012) (within terminal)
 1 node_149 2 --> 1 node_148
 2 Potamarchus muri 1 --> (012) (within terminal)
 2 Neoeptiblenia ambr 1 --> (012) (within terminal)
 1 node_153 2 --> 1 node_152
 2 Eoviscaccia fras 1 --> (012) (within terminal)
 2 Eoviscaccia aust 1 --> (012) (within terminal)
 2 Scleromys praecu 2 --> (012) (within terminal)
 2 Chambiromys ship 2 --> (012) (within terminal)
 2 Eoincamys parvus 2 --> (012) (within terminal)
 2 Chambiromys sylv 2 --> (012) (within terminal)
 2 Eoincamys valver 2 --> (012) (within terminal)
 2 Eoincamys ameghi 2 --> (012) (within terminal)
 1 node_194 2 --> 1 node_162
 2 Leucokephalos ze 1 --> (012) (within terminal)
 1 node_167 2 ==> 1 node_166
 1 Sciomyssipri 1 --> (01) (within terminal)
 1 node_190 2 ==> 1 node_189
 2 Prospaniomyssipri 1 --> (012) (within terminal)
 1 node_173 1 --> 0 node_171
 2 Spaniomyssipri 0 --> (012) (within terminal)
 1 node_169 0 --> 1 Proechiomyssipri
 2 Maruchitotrilof 0 --> (012) (within terminal)
 1 node_175 1 ==> 2 Mesocapromys/Mys
 1 node_182 1 ==> 2 node_181
 1 node_177 2 ==> 1 Xenodontomys sim
 2 Pi thanotomys col 2 --> (012) (within terminal)
 2 Adelphomys candi 1 --> (012) (within terminal)
 1 node_184 1 ==> 2 Prostichomys bow
 2 Mayomys confluen 2 --> (012) (within terminal)
 2 Eosallamys paula 2 --> (012) (within terminal)
 2 Eobraniamys rom 1 --> (012) (within terminal)
 2 Eobraniamys jav 1 --> (012) (within terminal)
 2 Pozomys ucayal i e 1 --> (012) (within terminal)

Hsearch_Consensus.out

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2 Tarapotomys mayo 1 --> terminal
2 Tarapotomys suba 1 --> (012) (w i t h i n
terminal)
2 Cachi yacuy kumme 1 --> (012) (w i t h i n
terminal)
2 Metaphi omys scha 1 --> (012) (w i t h i n
terminal)
2 Acri tophi omys bo 1 --> (012) (w i t h i n
terminal)
2 Bal uchi mys barry 0 --> (012) (w i t h i n
terminal)
355 (*Distance bet) 0.800
2 node_219 0 --> 2 Archetypomys erl
2 node_219 0 --> 2 Tri bosphenomys m
1 node_215 0 ==> 1 node_214
2 Chaetomys subspi 1 --> (012) (w i t h i n
terminal)
2 Dol i choti s patag 1 --> (012) (w i t h i n
terminal)
2 Hydrochoerus hyd 1 --> (012) (w i t h i n
terminal)
2 Cavi a aperea 1 --> (012) (w i t h i n
terminal)
2 Galea spi xi i 1 --> (012) (w i t h i n
terminal)
2 Peri mys i ntermed 1 --> (012) (w i t h i n
terminal)
1 Brani samys luri b 1 --> (12) (w i t h i n terminal)
1 Incamys bol i vi an 1 --> (12) (w i t h i n terminal)
2 Scl eromys quadra 1 --> (012) (w i t h i n
terminal)
2 Scl eromys angust 1 --> (012) (w i t h i n
terminal)
2 Drytomomys aequa 1 --> (012) (w i t h i n
terminal)
2 Potamarchus muri 1 --> (012) (w i t h i n
terminal)
2 Di nomys brani cki 1 --> (012) (w i t h i n
terminal)
2 Neoepi blema ambr 1 --> (012) (w i t h i n
terminal)
2 Chi nchi l l a l ani g 1 --> (012) (w i t h i n
terminal)
2 Lagi di um vi scaci 1 --> (012) (w i t h i n
terminal)
2 Lagostomus maxi m 1 --> (012) (w i t h i n
terminal)
2 Scl eromys osborn 1 --> (012) (w i t h i n
terminal)
2 Garri domys curnu 1 --> (012) (w i t h i n
terminal)
2 Eovi scacci a fras 1 --> (012) (w i t h i n
terminal)
2 Eovi scacci a aust 1 --> (012) (w i t h i n
terminal)
2 Scl eromys praecu 1 --> (012) (w i t h i n
terminal)
2 Chambi ramys shi p 1 --> (012) (w i t h i n
terminal)
2 Maruchi to tri l of 1 --> (012) (w i t h i n
terminal)
2 Thri chomys apere 1 --> (012) (w i t h i n
terminal)
2 Makal ata di del ph 1 --> (012) (w i t h i n
terminal)
2 Euryzygomatomys 1 --> (012) (w i t h i n
terminal)

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Hsearch_Consensus.out

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2 Mesocapromys/Mys 1 --> (012) (wi thi n
  terminal)
2 Xenodontomys sim 1 --> (012) (wi thi n
  terminal)
2 Ctenomys bolivie 1 --> (012) (wi thi n
  terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
  terminal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
  terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
  terminal)
2 Adelphomys candi 1 --> (012) (wi thi n
  terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
  terminal)
356 (Anterocinguli) 0.667
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (wi thi n terminal)
1 Birbalomys sonda 1 --> (01) (wi thi n terminal)
1 Tamquammys di spi 1 --> (01) (wi thi n terminal)
1 Chapattimys wils 1 --> (01) (wi thi n terminal)
1 node_120 1 ==> 0 'Waslamys' attia
1 node_210 1 ==> 0 node_209
1 Phiomys hammudai 0 --> (01) (wi thi n terminal)
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 Eoincamys val ver 0 --> (01) (wi thi n terminal)
357 (Position of t) 0.231
1 Tribosphenomys m 1 --> (01) (wi thi n terminal)
1 node_218 1 ==> 0 Cocomys ligchaen
1 node_118 1 ==> 0 Birbalomys sonda
1 node_215 1 ==> 0 Chapattimys wils
1 node_121 1 ==> 0 Eoespina woodi -E
1 node_141 1 --> 0 node_130
1 node_128 0 --> 1 Protosteioromys m
1 node_123 0 ==> 1 Brani samyopsis a
1 node_138 1 ==> 0 node_137
1 Luantus propheti 0 --> (01) (wi thi n terminal)
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dolichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galea spixii 0 --> (01) (wi thi n terminal)
1 Neoreomys austra 0 --> (01) (wi thi n terminal)
1 Cuniculus paca-t 1 --> (01) (wi thi n terminal)
1 Microscleromys p 1 --> (01) (wi thi n terminal)
1 Scleromys quadra 1 --> (01) (wi thi n terminal)
1 Scleromys angust 1 --> (01) (wi thi n terminal)
1 Drytomomys aequa 1 --> (01) (wi thi n terminal)
1 Potamarchus muri 1 --> (01) (wi thi n terminal)
1 Neoepiblema ambr 1 --> (01) (wi thi n terminal)
1 Chinchilla lani g 1 --> (01) (wi thi n terminal)
1 Lagidium viscaci 1 --> (01) (wi thi n terminal)
1 Lagostomus maxim 1 --> (01) (wi thi n terminal)
1 Scleromys osborn 1 --> (01) (wi thi n terminal)
1 node_153 1 --> 0 node_152
1 Garri domys curnu 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Scleromys praecu 1 --> (01) (wi thi n terminal)
1 Eoincamys parvus 1 --> (01) (wi thi n terminal)
1 Eoincamys val ver 1 --> (01) (wi thi n terminal)
1 Draconomys verai 1 --> (01) (wi thi n terminal)
1 Leucokephalos ze 1 --> (01) (wi thi n terminal)
1 node_192 1 --> 0 node_167
1 Platypittamys br 0 --> (01) (wi thi n terminal)
1 Deseadomys aramb 0 --> (01) (wi thi n terminal)
1 Willidewu estepa 0 --> (01) (wi thi n terminal)
1 node_189 1 ==> 0 node_188

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Hsearch_Consensus.out

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1 Prospaniomyx pri 0 --> (01) (wi thi n termi nal)
1 Spaniomyx ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
358 (*Protoconi d/m) 0.333
1 node_118 0 ==> 1 Bi rbal omys sonda
2 node_216 0 --> 2 node_215
2 Chapatti mys wi ls 2 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 2 --> (012) (wi thi n
termi nal)
1 node_212 2 --> 1 node_211
1 node_207 1 ==> 0 Phi omys hammudai
1 node_207 1 --> 2 node_206
2 Eoespi na woodi -E 2 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Luantus propheti 2 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Gale a spi xi i 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Brani samys l uri b 2 --> (012) (wi thi n
termi nal)
2 Dasypyrocta 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 2 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 2 --> (012) (wi thi n

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Hsearch_Consensus.out

2 Neoeplema ambr 2 --> terminal)
(012) (with in
terminal)
2 Chinchilla lanig 2 --> (012) (with in
terminal)
2 Lagidium viscaci 2 --> (012) (with in
terminal)
2 Lagostomus maxim 2 --> (012) (with in
terminal)
2 Scleromys osborn 2 --> (012) (with in
terminal)
2 Garri domys curnu 2 --> (012) (with in
terminal)
2 Eviscaccia fras 2 --> (012) (with in
terminal)
2 Eviscaccia aust 2 --> (012) (with in
terminal)
2 Scleromys praecu 2 --> (012) (with in
terminal)
2 Chambi ramys ship 2 --> (012) (with in
terminal)
2 Eoincamys valver 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platypittamys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in
terminal)
2 Prospani omys pri 2 --> (012) (with in
terminal)
2 Spani omys ripari 2 --> (012) (with in
terminal)
2 Proechi mys cuvie 2 --> (012) (with in
terminal)
2 Maruchi to trilof 2 --> (012) (with in
terminal)
2 Echi mys chrysuru 2 --> (012) (with in
terminal)
2 Protadel phomys l 2 --> (012) (with in
terminal)
2 Mesocapromys/Mys 2 --> (012) (with in
terminal)
2 Xenodontomys sim 2 --> (012) (with in
terminal)
2 Ctenomys bolivie 2 --> (012) (with in
terminal)
2 Neophanomys bipl 2 --> (012) (with in
terminal)
2 Pi thanotomys col 2 --> (012) (with in
terminal)
2 Octodon degus 2 --> (012) (with in
terminal)
2 Spalacopus cyanu 2 --> (012) (with in
terminal)
2 Abrocoma bennett 2 --> (012) (with in
terminal)
2 Adel phomys candi 2 --> (012) (with in
terminal)
2 Prosti chomys bow 2 --> (012) (with in
terminal)
2 Sti chomys regula 2 --> (012) (with in
terminal)
2 Dudumus rui gomez 2 --> (012) (with in
terminal)
2 Pampamys emmonsa 2 --> (012) (with in

Hsearch_Consensus.out

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2 Caviocricetus lu 2 --> terminal
2 Pleiacarechymys 2 --> (012) (with in terminal)
2 Eosallamys paula 2 --> (012) (with in terminal)
2 Pozomys ucayalie 2 --> (012) (with in terminal)
2 Tarapotomys mayo 2 --> (012) (with in terminal)
2 Tarapotomys suba 2 --> (012) (with in terminal)
2 Thryonomys swind 1 --> (012) (with in terminal)
2 Metaphomys scha 1 --> (012) (with in terminal)
2 Acritophomys bo 1 --> (012) (with in terminal)
359 (Posterior arm) 0.500
1 node_119 0 ==> 1 Hodsahibi azrae
1 node_129 0 ==> 1 Chaetomys subspi
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 node_139 0 ==> 1 Cuniculus paca-t
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branicki 0 --> (01) (with in terminal)
1 Neoeplema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 node_152 0 ==> 1 Garridomys curnu
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 node_165 0 ==> 1 Galileomys euryg
1 Willidewu estepa 0 --> (01) (with in terminal)
1 node_191 0 ==> 1 node_190
1 Prospaniomys pri 1 --> (01) (with in terminal)
1 node_169 1 ==> 0 Proechimys cuvie
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 node_185 1 --> 0 node_184
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Tarapotomys mayo 0 --> (01) (with in terminal)
1 Metaphomys scha 0 --> (01) (with in terminal)
360 (Length of the) 0.650
1 Bugtymys zafarul 0 --> (01) (with in terminal)
1 Hodsahibi azrae 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 node_123 0 ==> 1 Brani samyopsis a
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 node_141 0 ==> 1 Palaeosteiomys
1 Luantus propheti 0 --> (01) (with in terminal)
1 node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavi a aperea 1 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_140 0 --> 1 node_139
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1   node_152 0 --> 1 node_151
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1   node_195 0 ==> 1 node_194
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1   node_188 1 --> 0 node_187
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Pampanys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1   node_209 0 ==> 1 node_208
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1   node_219 0 --> 1 Archetypomys erl
1   node_218 0 --> 1 node_217
1   node_118 1 --> 0 Rei throparamys d
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavi a aperea 1 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)

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361 (Thi ckness of) 0.600

Hsearch_Consensus.out

1 Neoepeblema ambr 1 --> (01) (with terminal)
 1 Chinchilla lanig 1 --> (01) (with terminal)
 1 Lagidium viscaci 1 --> (01) (with terminal)
 1 Lagostomus maxim 1 --> (01) (with terminal)
 1 Eviscaccia fras 1 --> (01) (with terminal)
 1 Scleromys praecu 1 --> (01) (with terminal)
 1 Leucokephalos ze 1 --> (01) (with terminal)
 1 Deseadomys aramb 1 --> (01) (with terminal)
 1 Galileomys euryg 1 --> (01) (with terminal)
 1 Willidewu estepa 1 --> (01) (with terminal)
 1 Prospaniomyss pri 1 --> (01) (with terminal)
 1 Spaniomyss ripari 1 --> (01) (with terminal)
 1 Myocastor coypus 1 --> (01) (with terminal)
 1 Maruchito trilof 1 --> (01) (with terminal)
 1 Thrichomys apere 1 --> (01) (with terminal)
 1 Echimyss chrysuru 1 --> (01) (with terminal)
 1 Makalata didelph 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Euryzygomatomys 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivi 1 --> (01) (with terminal)
 1 Neophanomys bip 1 --> (01) (with terminal)
 1 Pitthanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 Stichomys regula 1 --> (01) (with terminal)
 1 Pampamys emmonsa 1 --> (01) (with terminal)
 1 Caviocricetus lu 1 --> (01) (with terminal)
 1 Metaphiomyss scha 1 --> (01) (with terminal)
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 node_219 0 --> 1 Tribosphenomys m
 1 Luantus propheti 0 --> (01) (with terminal)
 1 Asteromys punctu 0 --> (01) (with terminal)
 1 Dolichotis patag 0 --> (01) (with terminal)
 1 Hydrochoerus hyd 0 --> (01) (with terminal)
 1 Cavia aperea 0 --> (01) (with terminal)
 1 Galea spixii 0 --> (01) (with terminal)
 1 Neoreomys austra 0 --> (01) (with terminal)
 1 Dasyprocta 0 --> (01) (with terminal)
 1 Cuniculus paca-t 0 --> (01) (with terminal)
 1 Scleromys quadra 0 --> (01) (with terminal)
 1 Scleromys angust 0 --> (01) (with terminal)
 1 Drytomomys aequa 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Neoepeblema ambr 0 --> (01) (with terminal)
 1 Chinchilla lanig 0 --> (01) (with terminal)
 1 Lagidium viscaci 0 --> (01) (with terminal)
 1 Lagostomus maxim 0 --> (01) (with terminal)
 1 Scleromys osborn 0 --> (01) (with terminal)
 1 Eviscaccia fras 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 Deseadomys aramb 0 --> (01) (with terminal)
 1 Willidewu estepa 0 --> (01) (with terminal)
 1 Spaniomyss ripari 0 --> (01) (with terminal)
 1 Maruchito trilof 0 --> (01) (with terminal)
 1 Echimyss chrysuru 0 --> (01) (with terminal)
 1 Protadelphomys l 0 --> (01) (with terminal)
 1 Mesocapromys/Mys 0 --> (01) (with terminal)
 1 Xenodontomys sim 0 --> (01) (with terminal)
 1 Ctenomys bolivi 0 --> (01) (with terminal)
 1 Neophanomys bip 0 --> (01) (with terminal)
 1 Pitthanotomys col 0 --> (01) (with terminal)
 1 Octodon degus 0 --> (01) (with terminal)
 1 Spalacopus cyanu 0 --> (01) (with terminal)
 1 Abrocoma bennett 0 --> (01) (with terminal)

362 (Lingual conne) 1.000

Hsearch_Consensus.out

363 (Labi al connec) 0.667

```

1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Hypsosteir omys a 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 node_142 0 ==> 1 Microsscleromys p
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 node_152 0 --> 1 node_151
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 node_204 0 --> 1 node_203
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 node_214
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)

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364 (Height of the) 1.000

365 (Interruption) 1.000

Hsearch_Consensus.out

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1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_207
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Dol i choti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 node_152 1 --> 0 node_151
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 node_195 1 ==> 0 node_194
1 node_170 0 ==> 1 node_169
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)

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366 (Mesostylid on) 0.750

367 (Anterior isol) 0.842

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Hsearch_Consensus.out
1 node_185 0 --> 1 node_184
1 Stichomys regula 1 --> (01) (with in terminal)
1 Plesiacarechymys 0 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Metaphiomys scha 0 --> (01) (with in terminal)
1 Acritophiomys bo 0 --> (01) (with in terminal)
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Archetypomys erl 1 --> (01) (with in terminal)
1 Tribosphenomys m 1 --> (01) (with in terminal)
1 Cocomys ligchaen 1 --> (01) (with in terminal)
1 Reithroparamys d 1 --> (01) (with in terminal)
1 Chapattimys wils 1 --> (01) (with in terminal)
1 Ottomania proavi 1 --> (01) (with in terminal)
1 Phiomys hammudai 1 --> (01) (with in terminal)
1 Cachiyacuy conta 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 Steiromys detent 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 node_136 1 ==> 0 Luantus propheti
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia aperea 1 --> (01) (with in terminal)
1 Galea spixii 1 --> (01) (with in terminal)
1 Perimys intermed 1 --> (01) (with in terminal)
1 Neoreomys australis 1 --> (01) (with in terminal)
1 Bransfordimys luri 1 --> (01) (with in terminal)
1 node_140 1 ==> 0 node_139
1 Microscleromys p 1 --> (01) (with in terminal)
1 node_153 1 --> 0 node_150
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Lagidium viscaci 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Eviscaccia frasi 1 --> (01) (with in terminal)
1 Eviscaccia australis 1 --> (01) (with in terminal)
1 Scleromys praecur 1 --> (01) (with in terminal)
1 Chambiromys shipp 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Acaremys murinus 1 --> (01) (with in terminal)
1 Sciomyz principa 1 --> (01) (with in terminal)
1 Galileomys euryg 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Prospaniomys pri 1 --> (01) (with in terminal)
1 node_169 1 --> 0 node_168
1 Spaniomys ripari 0 --> (01) (with in terminal)
1 Maruchito trilof 1 --> (01) (with in terminal)
1 Thrichomys apere 1 --> (01) (with in terminal)
1 Echimyus chrysuru 1 --> (01) (with in terminal)
1 Makalata didelph 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Euryzgomatomys 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Neophanomys bip 1 --> (01) (with in terminal)
1 Pitthanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
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Hsearch_Consensus.out

1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosthomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphomys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphomys scha 1 --> (01) (wi thi n termi nal)
 1 Acritophomys bo 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_123 0 ==> 1 Neosteioromys pat
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia apera 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
 1 Sciomys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimyus chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 369 (Metaconid cri) 0.966
 1 node_214 0 ==> 1 Baluchi mys barry
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespi na woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_139 0 ==> 1 Dasypsecta
 1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_192 0 ==> 1 node_167
 1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys princi pa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pl esi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 370 (Neocristid (b)) 0.667
 1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_124 0 ==> 1 node_123
 1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_141 0 ==> 1 Palaeosteomys
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

371 (Posterior arm) 0.706

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1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 node_137 0 --> 1 node_136
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_161
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_186 0 ==> 1 node_183
1 node_168 1 ==> 0 Myocastor coypus
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Paraphimys pi go 1 --> (01) (wi thi n termi nal)
372 (*Length of th) 0.731
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 node_215 1 ==> 0 Chapattimys wils
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 node_120 1 --> 0 node_119
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (12) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

```

1          node_128 1 ==> 2 Protosteirromys m
1          node_128 1 --> 0 node_127
2 Eosteirromys homo 0 --> (012) (withn terminal)
2 Braniamyopsis a 0 --> (012) (withn terminal)
2 Neosteirromys pat 0 --> (012) (withn terminal)
1 Coendou prehensi 0 --> (01) (withn terminal)
1 Steirromys detent 0 --> (01) (withn terminal)
1 Hyposteirromys a 1 --> (01) (withn terminal)
2 Chaetomys subspi 1 --> (012) (withn terminal)
2 Palaeosteirromys 1 --> (012) (withn terminal)
1 Australoprocta f 1 --> (12) (withn terminal)
2 Luantus propheti 1 --> (012) (withn terminal)
2 Asteromys punctu 1 --> (012) (withn terminal)
2 Dolichotis patag 1 --> (012) (withn terminal)
2 Hydrochoerus hyd 1 --> (012) (withn terminal)
2 Cavia aperea 1 --> (012) (withn terminal)
2 Galea spixii 1 --> (012) (withn terminal)
2 Perimys intermed 1 --> (012) (withn terminal)
2 Neoreomys austra 1 --> (012) (withn terminal)
1          node_138 1 ==> 0 Braniamys luri b
1          node_139 1 ==> 0 Dasyprocta
1          node_195 1 --> 2 node_161
2 Eoincamys pascua 2 --> (012) (withn terminal)
2 Incamys bolivian 2 --> (012) (withn terminal)
2 Microscleromys p 2 --> (012) (withn terminal)
2 Scleromys quadra 2 --> (012) (withn terminal)
2 Scleromys angust 2 --> (012) (withn terminal)
2 Drytomomys aequa 2 --> (012) (withn terminal)
2 Potamarchus muri 2 --> (012) (withn terminal)
2 Dinomys branickei 2 --> (012) (withn terminal)
2 Neopibrama ambr 2 --> (012) (withn terminal)
2 Chinchilla lani g 2 --> (012) (withn terminal)
2 Lagidium viscaci 2 --> (012) (withn terminal)
2 Lagostomus maxim 2 --> (012) (withn terminal)
2 Scleromys osborn 2 --> (012) (withn terminal)
2 Garri domys curnu 2 --> (012) (withn terminal)
2 Eoviscaccia fras 2 --> (012) (withn terminal)
2 Eoviscaccia aust 2 --> (012) (withn terminal)
2 Scleromys praecu 2 --> (012) (withn terminal)

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Hsearch_Consensus.out

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2 Chambi ramys shi p 2 --> terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 2 --> (012) (wi thi n
terminal)
1 node_194 1 --> 0 node_162
1 Leucocephal os ze 0 --> (01) (wi thi n terminal)
1 node_192 1 --> 0 node_167
1 Pl atypi ttamys br 0 --> (01) (wi thi n terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Gal ileomys euryg 0 --> (012) (wi thi n
terminal)
2 Will idewu estepa 0 --> (012) (wi thi n
terminal)
1 node_187 1 ==> 0 Prospani omys pri
1 node_187 1 ==> 2 node_186
2 Spani omys ri pari 2 --> (012) (wi thi n
terminal)
1 Myocastor coypus 2 --> (12) (wi thi n terminal)
2 Proechi mys cuvie 2 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
terminal)
2 Thri chomys apere 2 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 2 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
1 Prosti chomys bow 2 --> (12) (wi thi n terminal)
1 Sti chomys regula 2 --> (12) (wi thi n terminal)
1 Dudumus rui gomez 1 --> (01) (wi thi n terminal)
1 node_189 1 ==> 2 Pampamys emmonsa
1 Cavi ocricetus lu 1 --> (12) (wi thi n terminal)
1 Pl esi acarechi mys 1 --> (12) (wi thi n terminal)
1 node_193 1 ==> 2 Sal lamys pascual
1 Mayomys confl uen 1 --> (01) (wi thi n terminal)
2 Eosal lamys paul a 1 --> (012) (wi thi n
terminal)
1 node_201 1 ==> 0 node_200
1 Eobrani samys rom 0 --> (01) (wi thi n terminal)
1 node_204 1 --> 2 node_203
1 Pozomys ucayal ie 2 --> (12) (wi thi n terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n
terminal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n

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Hsearch_Consensus.out

373 (Lingual conne) 0.905

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1 Paraphi omys pi go 1 --> terminal
1 node_210 1 ==> 0 Metaphi omys scha
2 Acri tophi omys bo 1 --> (12) (wi thi n terminal)
1 Bi rbal omys sonda 0 --> (04) (wi thi n terminal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n terminal)
2 Ottomani a proavi 0 --> (024) (wi thi n terminal)
1 node_120 0 ==> 2 node_119
1 Bugti mys zafarul 2 --> (23) (wi thi n terminal)
1 Hodsahi bi a azrae 2 --> (23) (wi thi n terminal)
1 node_209 0 --> 2 node_207
1 Phi omys hammudai 2 --> (02) (wi thi n terminal)
2 Cachi yacuy conta 2 --> (024) (wi thi n terminal)
1 Eostei romys homo 2 --> (23) (wi thi n terminal)
1 Coendou prehensi 2 --> (02) (wi thi n terminal)
1 Hypsostei romys a 2 --> (23) (wi thi n terminal)
1 Brani samys luri b 2 --> (23) (wi thi n terminal)
1 node_139 2 ==> 4 Dasyprocta
1 node_197 2 --> 0 node_196
1 Leucokephal os ze 0 --> (01) (wi thi n terminal)
1 node_192 0 --> 4 node_167
2 Pl atypi ttamys br 4 --> (345) (wi thi n terminal)
1 Deseadomys aramb 4 --> (04) (wi thi n terminal)
1 Acaremys muri nus 4 --> (34) (wi thi n terminal)
1 Sci amys pri nci pa 4 --> (34) (wi thi n terminal)
1 Gal ileomys euryg 4 --> (04) (wi thi n terminal)
1 Prospani omys pri 0 --> (04) (wi thi n terminal)
1 Myocastor coypus 0 --> (02) (wi thi n terminal)
1 node_185 0 ==> 5 Adel phomys candi
1 Prosti chomys bow 0 --> (02) (wi thi n terminal)
1 node_184 0 ==> 4 Sti chomys regul a
2 Dudumus rui gomez 0 --> (014) (wi thi n terminal)
1 Cavi ocricetus lu 0 --> (05) (wi thi n terminal)
1 Ple si acarechi mys 0 --> (02) (wi thi n terminal)
2 Mayomys confl uen 0 --> (023) (wi thi n terminal)
1 Eobrani samys rom 2 --> (23) (wi thi n terminal)
1 Tarapotomys mayo 2 --> (02) (wi thi n terminal)
1 Cachi yacuy kumme 2 --> (02) (wi thi n terminal)
1 Metaphi omys scha 0 --> (02) (wi thi n terminal)
2 Acri tophi omys bo 0 --> (023) (wi thi n terminal)
374 (Posterior arm) 0.375
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n terminal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n terminal)
1 Protostei romys m 0 --> (01) (wi thi n terminal)
1 Eostei romys homo 0 --> (01) (wi thi n terminal)
1 Brani samyopsi s a 0 --> (01) (wi thi n terminal)
1 Neostei romys pat 0 --> (01) (wi thi n terminal)
1 Chaetomys subspi 0 --> (01) (wi thi n terminal)
1 node_140 0 ==> 1 node_138
1 Austral oprocta f 1 --> (01) (wi thi n terminal)
1 Dol ichotis patag 1 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
1 Cavi a aperea 1 --> (01) (wi thi n terminal)
1 Galea spi xi i 1 --> (01) (wi thi n terminal)
1 Peri mys intermed 1 --> (01) (wi thi n terminal)
1 Neoreomys austra 1 --> (01) (wi thi n terminal)
1 node_195 0 --> 1 node_161
1 Eoi ncamys pascua 1 --> (01) (wi thi n terminal)
1 Potamarchus muri 1 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 Eoincamys valver 1 --> (01) (within terminal)
 1 Eoincamys ameghi 1 --> (01) (within terminal)
 1 Leucokephalos ze 0 --> (01) (within terminal)
 1 node_191 0 ==> 1 node_190
 1 node_168 1 ==> 0 Myocastor coypus
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivi 1 --> (01) (within terminal)
 1 Pithanotomys col 1 --> (01) (within terminal)
 1 Octodon degus 1 --> (01) (within terminal)
 1 Spalacopus cyanu 1 --> (01) (within terminal)
 1 Sallamys pascual 0 --> (01) (within terminal)
 1 Eosallamys paula 0 --> (01) (within terminal)
 1 Shapajamys laboc 0 --> (01) (within terminal)
 1 Eobranisamys jav 0 --> (01) (within terminal)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayalie 1 --> (01) (within terminal)
 1 Tarapotomys suba 1 --> (01) (within terminal)
 1 node_209 0 --> 1 node_208
 1 Paraphiomys pi go 1 --> (01) (within terminal)
 2 Archetypomys erl 1 --> (012) (within terminal)
 2 Tribosphenomys m 1 --> (012) (within terminal)
 1 node_214 1 ==> 0 node_213
 2 Hodsahibi azrae 0 --> (012) (within terminal)
 1 Cachiycuy conta 0 --> (01) (within terminal)
 2 Eoespina woodi -E 0 --> (012) (within terminal)
 1 node_201 0 ==> 1 node_198
 1 node_141 1 ==> 0 node_130
 2 Protosteioromys m 0 --> (012) (within terminal)
 2 Eosteioromys homo 0 --> (012) (within terminal)
 2 Brani samyopsis a 0 --> (012) (within terminal)
 2 Neosteioromys pat 0 --> (012) (within terminal)
 1 Coendou prehensi 0 --> (01) (within terminal)
 2 Chaetomys subspi 0 --> (012) (within terminal)
 1 node_141 1 ==> 2 Palaosteioromys
 2 Australoprocta f 1 --> (012) (within terminal)
 2 Luantus propheti 1 --> (012) (within terminal)
 2 Asteromys punctu 1 --> (012) (within terminal)
 2 Dolichotis patag 1 --> (012) (within terminal)
 2 Hydrochoerus hyd 1 --> (012) (within terminal)
 2 Cavia aperea 1 --> (012) (within terminal)
 2 Galea spixii 1 --> (012) (within terminal)
 2 Perimys intermed 1 --> (012) (within terminal)
 2 Neoreomys austra 1 --> (012) (within terminal)
 2 Brani samys luri b 1 --> (012) (within terminal)
 1 node_139 1 ==> 2 Dasyprocta
 2 Eoincamys pascua 1 --> (012) (within terminal)

375 (*Length of th) 0.353

Hsearch_Consensus.out

2 Incamys bolivi an 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
2 Di nomys brani cki 1 --> (012) (wi thi n
termi nal)
2 Neoepi blema ambr 1 --> (012) (wi thi n
termi nal)
2 Chi nchi lla lani g 1 --> (012) (wi thi n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)
1 node_194 1 --> 0 node_162
2 Leucokephal os ze 0 --> (012) (wi thi n
termi nal)
1 node_167 1 --> 0 node_166
2 node_163 0 ==> 2 Deseadomys aramb
1 node_167 1 ==> 2 Willi dewu estepa
2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 1 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvi e 1 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 1 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 1 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 1 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 1 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 1 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 1 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

2 Xenodontomys sim 1 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 1 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)
2 Octodon degus 1 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 1 --> (012) (wi thi n
termi nal)
2 Adelphomys candi 1 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 1 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 1 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
termi nal)
2 Cavi ocri cetus lu 1 --> (012) (wi thi n
termi nal)
1 node_193 1 ==> 2 Sal lamys pascual
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys jav 0 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal i e 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)
2 node_209 0 --> 2 node_208
2 Thryonomys swi nd 2 --> (012) (wi thi n
termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 node_216 0 --> 2 node_215
1 Ottomani a proavi 2 --> (23) (wi thi n termi nal)
1 Bugti mys zafarul 2 --> (23) (wi thi n termi nal)
1 node_120 2 ==> 0 'Wasl amys' atti a
1 Cachi yacuy conta 2 --> (02) (wi thi n termi nal)
1 Coendou prehensi 2 --> (02) (wi thi n termi nal)
1 node_130 2 --> 3 node_129
1 node_139 2 ==> 4 Dasyprocta
1 node_197 2 --> 0 node_196
1 node_163 0 ==> 3 Pl atypi ttamys br
1 node_166 0 ==> 4 node_165
1 Sci amys pri nci pa 4 --> (14) (wi thi n termi nal)
1 node_191 0 --> 2 node_190
3 Mayomys confl uen 0 --> (0234) (wi thi n
termi nal)
1 node_201 2 --> 3 node_200
1 Cachi yacuy kumme 2 --> (24) (wi thi n termi nal)
1 node_209 2 --> 0 node_208
1 Metaphi omys scha 2 --> (02) (wi thi n termi nal)
1 Acri tophi omys bo 2 --> (23) (wi thi n termi nal)
1 node_214 2 --> 0 Bal uchi mys barry
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 node_214
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)

376 (Lingual conne) 0.636

377 (Height of the) 1.000

Hsearch_Consensus.out

1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_216 0 --> 1 node_215
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys vera i 1 --> (01) (wi thi n termi nal)
1 node_193 1 ==> 0 node_192
1 node_176 0 --> 1 node_173
1 Proechi mys cuvi e 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomat omys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 node_184 0 ==> 1 Prosti chomys bow
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi bla ma ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)

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379 (Labi al connec) 1.000

Hsearch_Consensus.out

1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bol ivi an 0 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)

380 (Double l i n g u a) 1.000

Hsearch_Consensus.out

1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Plesiacarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
381 (Metalophular) 1.000 1 Bugtymys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy conta 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
382 (Protoconid cr) 1.000 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 node_216 0 ==> 1 Tamquammys di spi
1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtymys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
383 (Neomesolophid) 0.767 1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtymys zafarul 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Hodsahibi azrae 0 --> (01) (within terminal)
1   node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eosteioromys homo 1 --> (01) (within terminal)
1 Brani samyopsis a 1 --> (01) (within terminal)
1 Neosteioromys pat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1   node_130 1 --> 0 node_129
1 Hypsosteioromys a 0 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1   Cavia aperrea 1 --> (01) (within terminal)
1   Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Brani samys luri b 1 --> (01) (within terminal)
1   Dasyprocta 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1   node_148 1 ==> 0 node_147
1 Lagostomus maxim 0 --> (01) (within terminal)
1   node_152 1 --> 0 node_151
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1   node_157 1 ==> 0 Chambi ramys shi p
1 Eoincamys val ver 1 --> (01) (within terminal)
1   node_195 1 ==> 0 node_194
1   node_170 0 --> 1 node_169
1 Spani omys ri pari 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Pi thanotomys col 0 --> (01) (within terminal)
1   Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1   node_184 0 ==> 1 Prosti chomys bow
1 Plesi acarechi mys 0 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eobrani samys rom 1 --> (01) (within terminal)
1 Eobrani samys jav 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 Metaphi omys scha 0 --> (01) (within terminal)
1 Acritophi omys bo 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys di spi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1   node_198 0 ==> 1 node_141
1 Brani samyopsis a 1 --> (01) (within terminal)
1 Neosteioromys pat 1 --> (01) (within terminal)
1   node_126 1 ==> 0 node_125
1 Steioromys detent 1 --> (01) (within terminal)
1 Hypsosteioromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1   node_140 1 --> 0 node_138
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1   Cavia aperrea 0 --> (01) (within terminal)

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384 (Length of the) 0.700

Hsearch_Consensus.out

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1 Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys australis 0 --> (01) (withn terminal)
1 Braniamys luri 0 --> (01) (withn terminal)
1 Dasyprocta 1 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivian 0 --> (01) (withn terminal)
1 node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Neoepiblema ambr 1 --> (01) (withn terminal)
1 Chinchilla lanig 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 node_153 0 --> 1 node_152
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Eoviscaccia aust 1 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys ship 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sciomys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomyes pri 0 --> (01) (withn terminal)
1 node_186 0 --> 1 node_183
1 Spaniomyes ripari 1 --> (01) (withn terminal)
1 Maruchito trilof 1 --> (01) (withn terminal)
1 Thrichomys apere 1 --> (01) (withn terminal)
1 Echiomys chrysuru 1 --> (01) (withn terminal)
1 Makalata didelph 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pi thanotomys col 1 --> (01) (withn terminal)
1 Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesi carechi mys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Shapajamys laboc 0 --> (01) (withn terminal)
1 node_199 0 ==> 1 Eobrani samys jav
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphiomyes pi go 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys eri 0 --> (01) (withn terminal)
1 Tri bosphenomys m 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys di spi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Cachi yacuy conta 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

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1 Braniamyopsis a 0 --> (01) (withn terminal)
1 Neosteiomys pat 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1 Cavia apera 0 --> (01) (withn terminal)
1 Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Incamys bolivian 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 node_145 0 --> 1 node_144
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Neopiblema ambr 0 --> (01) (withn terminal)
1 Chinchilla lanig 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Eviscaccia fras 0 --> (01) (withn terminal)
1 Eviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys ship 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypitmys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sciomys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomyis pri 0 --> (01) (withn terminal)
1 Spaniomyis ripari 0 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echiomys chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pi thanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacara chechi mys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphiomyis pi go 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 node_216 0 --> 1 node_215
1 Chapattimys wils 1 --> (01) (withn terminal)
1 Ottomaniaproavi 1 --> (01) (withn terminal)
1 node_120 1 --> 0 node_119
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Cachiycuy conta 1 --> (01) (withn terminal)
1 Protosteiomys m 1 --> (01) (withn terminal)
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Dolichotis patag 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

1	Hydrochoerus hyd	1	-->	(01)	(wi thi n termi nal)
1	Cavia aperea	1	-->	(01)	(wi thi n termi nal)
1	Galea spi xii	1	-->	(01)	(wi thi n termi nal)
1	Perimys intermed	1	-->	(01)	(wi thi n termi nal)
1	Neoreomys austra	1	-->	(01)	(wi thi n termi nal)
1	Dasyprocta	1	-->	(01)	(wi thi n termi nal)
1	Microscleromys p	1	-->	(01)	(wi thi n termi nal)
1	Scleromys quadra	1	-->	(01)	(wi thi n termi nal)
1	Scleromys angust	1	-->	(01)	(wi thi n termi nal)
1	Drytomomys aequa	1	-->	(01)	(wi thi n termi nal)
1	Potamarchus muri	1	-->	(01)	(wi thi n termi nal)
1	Neoeptiblema ambr	1	-->	(01)	(wi thi n termi nal)
1	Chinchilla lanig	1	-->	(01)	(wi thi n termi nal)
1	Lagidium viscaci	1	-->	(01)	(wi thi n termi nal)
1	Lagostomus maxim	1	-->	(01)	(wi thi n termi nal)
1	Scleromys osborn	1	-->	(01)	(wi thi n termi nal)
1	Eviscaccia fras	1	-->	(01)	(wi thi n termi nal)
1	Eviscaccia aust	1	-->	(01)	(wi thi n termi nal)
1	Scleromys praecu	1	-->	(01)	(wi thi n termi nal)
1	Chambarmys ship	1	-->	(01)	(wi thi n termi nal)
1	Chambarmys sylv	1	-->	(01)	(wi thi n termi nal)
1	Leucokephalos ze	1	-->	(01)	(wi thi n termi nal)
1	Deseadomys aramb	1	-->	(01)	(wi thi n termi nal)
1	Acaremys murinus	1	-->	(01)	(wi thi n termi nal)
1	Sci amys principa	1	-->	(01)	(wi thi n termi nal)
1	Willidewu estepa	1	-->	(01)	(wi thi n termi nal)
1	Myocastor coypus	1	-->	(01)	(wi thi n termi nal)
1	Proechimys cuvie	1	-->	(01)	(wi thi n termi nal)
1	Maruchito trilof	1	-->	(01)	(wi thi n termi nal)
1	Thrichomys apere	1	-->	(01)	(wi thi n termi nal)
1	Echymys chrysuru	1	-->	(01)	(wi thi n termi nal)
1	Makalata didelph	1	-->	(01)	(wi thi n termi nal)
1	Protadelphomys l	1	-->	(01)	(wi thi n termi nal)
1	Euryzygomatomys	1	-->	(01)	(wi thi n termi nal)
1	Mesocapromys/Mys	1	-->	(01)	(wi thi n termi nal)
1	Xenodontomys sim	1	-->	(01)	(wi thi n termi nal)
1	Ctenomys bolivie	1	-->	(01)	(wi thi n termi nal)
1	Neophanomys bipl	1	-->	(01)	(wi thi n termi nal)
1	Pi thanotomys col	1	-->	(01)	(wi thi n termi nal)
1	Octodon degus	1	-->	(01)	(wi thi n termi nal)
1	Spalacopus cyanu	1	-->	(01)	(wi thi n termi nal)
1	Abrocoma bennett	1	-->	(01)	(wi thi n termi nal)
1	Adelphomys candi	1	-->	(01)	(wi thi n termi nal)
1	Prostichomys bow	1	-->	(01)	(wi thi n termi nal)
1	Stichomys regula	1	-->	(01)	(wi thi n termi nal)
1	Pampamys emmonsa	1	-->	(01)	(wi thi n termi nal)
1	Plesi acarechi mys	1	-->	(01)	(wi thi n termi nal)
1	Pozomys ucayalie	1	-->	(01)	(wi thi n termi nal)
1	Tarapotomys mayo	1	-->	(01)	(wi thi n termi nal)
1	Tarapotomys suba	1	-->	(01)	(wi thi n termi nal)
1	Thryonomys swind	1	-->	(01)	(wi thi n termi nal)
1	Birbalomys sonda	0	-->	(01)	(wi thi n termi nal)
1	Bugtiumys zafarul	0	-->	(01)	(wi thi n termi nal)
1	Hodsahibi azrae	0	-->	(01)	(wi thi n termi nal)
1	'Waslamys' attia	0	-->	(01)	(wi thi n termi nal)
1	Phiomys hammudai	0	-->	(01)	(wi thi n termi nal)
1	Cachiyacuy conta	0	-->	(01)	(wi thi n termi nal)
1	Eoespina woodi -E	0	-->	(01)	(wi thi n termi nal)
1	Coendou prehensi	0	-->	(01)	(wi thi n termi nal)
1	Palaeosteioromys	0	-->	(01)	(wi thi n termi nal)
1	Luantus propheti	0	-->	(01)	(wi thi n termi nal)
1	Asteromys punctu	0	-->	(01)	(wi thi n termi nal)
1	Dolichotis patag	0	-->	(01)	(wi thi n termi nal)
1	Hydrochoerus hyd	0	-->	(01)	(wi thi n termi nal)
1	Cavia aperea	0	-->	(01)	(wi thi n termi nal)
1	Galea spi xii	0	-->	(01)	(wi thi n termi nal)
1	Perimys intermed	0	-->	(01)	(wi thi n termi nal)
1	Neoreomys austra	0	-->	(01)	(wi thi n termi nal)

387 (Mesolophid on) 1.000

Hsearch_Consensus.out

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1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
388 (Li ngual conne) 0.857
1 node_119 0 ==> 3 Bugti mys zafarul
1 Hodsahi bi a azrae 0 --> (02) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (02) (wi thi n termi nal)
1 node_141 0 ==> 2 node_140
1 Brani samys luri b 2 --> (12) (wi thi n termi nal)
1 node_201 0 --> 3 node_200
389 (Mesol ophi d on) 0.800
1 Acri tophi omys bo 0 --> (02) (wi thi n termi nal)
1 node_118 0 ==> 1 Bi rbal omys sonda
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 node_140 0 ==> 1 node_138
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
390 (Li ngual conne) 1.000
1 node_212 0 --> 2 node_211
1 node_140 2 --> 1 node_138
1 Asteromys punctu 1 --> (12) (wi thi n termi nal)
1 Brani samys luri b 1 --> (12) (wi thi n termi nal)
1 Acri tophi omys bo 2 --> (02) (wi thi n termi nal)
391 (Ectol ophi d on) 0.833
1 node_219 1 --> 0 Archetypomys erl
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Palaeosteiromys 1 --> (01) (within terminal)
 1 Dolichotis patag 1 --> (01) (within terminal)
 1 Hydrochoerus hyd 1 --> (01) (within terminal)
 1 Cavia aperea 1 --> (01) (within terminal)
 1 Galea spixii 1 --> (01) (within terminal)
 1 Perimys intermed 1 --> (01) (within terminal)
 1 Potamarchus muri 1 --> (01) (within terminal)
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 node_172 1 ==> 0 Makalata didelph
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivie 1 --> (01) (within terminal)
 1 Octodon degus 1 --> (01) (within terminal)
 1 Shapajamys laboc 1 --> (01) (within terminal)
 392 (Mesiolabial o) 0.931
 1 Archetypomys erl 0 --> (01) (within terminal)
 1 node_216 0 --> 1 node_215
 1 Chapattimys wils 1 --> (01) (within terminal)
 1 Bugtimys zafarul 1 --> (01) (within terminal)
 1 Hodsahibia azrae 1 --> (01) (within terminal)
 1 Cachiyacuy conta 1 --> (01) (within terminal)
 1 Eoespina woodi -E 1 --> (01) (within terminal)
 1 Neosteioromys pat 1 --> (01) (within terminal)
 1 Erethizon dorsat 1 --> (01) (within terminal)
 1 Coendou prehensi 1 --> (01) (within terminal)
 1 Steiromys detent 1 --> (01) (within terminal)
 1 Chaetomys subspi 1 --> (01) (within terminal)
 1 Australoprocta f 1 --> (01) (within terminal)
 1 Luantus propheti 1 --> (01) (within terminal)
 1 Dolichotis patag 1 --> (01) (within terminal)
 1 Hydrochoerus hyd 1 --> (01) (within terminal)
 1 Cavia aperea 1 --> (01) (within terminal)
 1 Galea spixii 1 --> (01) (within terminal)
 1 Perimys intermed 1 --> (01) (within terminal)
 1 Neoreomys austra 1 --> (01) (within terminal)
 1 Braniamys luri b 1 --> (01) (within terminal)
 1 Dasyprocta 1 --> (01) (within terminal)
 1 Potamarchus muri 1 --> (01) (within terminal)
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 Eoincamys valver 1 --> (01) (within terminal)
 1 Acaemys murinus 1 --> (01) (within terminal)
 1 Sciomyx principa 1 --> (01) (within terminal)
 1 Galileomys euryg 1 --> (01) (within terminal)
 1 Spaniomyx ripari 1 --> (01) (within terminal)
 1 Myocastor coypus 1 --> (01) (within terminal)
 1 Makalata didelph 1 --> (01) (within terminal)
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivie 1 --> (01) (within terminal)
 1 node_181 1 ==> 0 node_180
 1 Octodon degus 0 --> (01) (within terminal)
 1 Mayomys confluen 1 --> (01) (within terminal)
 1 Shapajamys laboc 1 --> (01) (within terminal)
 1 node_203 1 ==> 0 Pozomys ucayalie
 1 Cachiyacuy kumme 1 --> (01) (within terminal)
 1 Paraphiomyx pi go 1 --> (01) (within terminal)
 1 Baluchimys barry 1 --> (01) (within terminal)
 393 (Alignment of) 0.875
 1 Archetypomys erl 0 --> (01) (within terminal)
 1 Tamquammys di spi 0 --> (01) (within terminal)
 1 Chapattimys wils 0 --> (01) (within terminal)
 1 'Waslamys' attia 0 --> (01) (within terminal)
 1 Phiomyx hammudai 0 --> (01) (within terminal)
 1 Cachiyacuy conta 0 --> (01) (within terminal)
 1 Eoespina woodi -E 0 --> (01) (within terminal)
 1 Canaanimys maqui 0 --> (01) (within terminal)
 1 Protosteioromys m 0 --> (01) (within terminal)
 1 Braniamyopsis a 0 --> (01) (within terminal)

Hsearch_Consensus.out

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1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsoste i romys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1      node_141 0 ==> 1 Pal aeoste i romys
1 Austral oprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1      Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l)
1      Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l)
1 Peri mys i ntermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1      Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1      node_161 0 --> 1 node_160
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
1 Incamys bol i vi an 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucocephal os ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Gal ileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
1      node_171 0 ==> 1 Thri chomys apere
1      Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
1      node_175 0 --> 1 node_174
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys si m 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bol i vi e 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1      Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
1      node_189 0 ==> 1 Pampamys emmonsa
1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
1 Ple si acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Sal l amys pascual 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l)
1      node_197 0 ==> 1 Eosal l amys paul a
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
1      node_202 0 ==> 1 Tarapotomys mayo
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swi nd 0 --> (01) (w i t h i n t e r m i n a l)
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
1      node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1      Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l)
1      Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chi nchi l l a l ani g 1 --> (01) (w i t h i n t e r m i n a l)

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Hsearch_Consensus.out

395 (Position of t) 0.421

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1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 node_219 0 --> 1 Archetypomys erl
1 node_218 0 --> 1 node_217
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 node_213 1 ==> 0 Ottomani a proavi
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 node_198 1 ==> 0 node_141
1 Palaeostei romys 0 --> (01) (wi thi n termi nal)
1 node_137 0 --> 1 node_136
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_156 1 ==> 0 Eoi ncamys pascua
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 node_189 1 ==> 0 node_188
1 node_183 0 ==> 1 node_182
1 node_170 1 ==> 0 node_169
1 node_172 1 ==> 0 Makal ata di del ph
1 node_174 1 ==> 0 Euryzygomatomys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 node_200 1 ==> 0 node_199
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 node_219 1 --> 0 Tri bosphenomys m
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 node_216 1 ==> 0 Tamquammys di spi
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_212 1 --> 0 node_211
1 node_207 0 ==> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_198 1 --> 0 node_141
1 node_124 0 --> 1 node_123
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)

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396 (Anterior arm) 0.640

Hsearch_Consensus.out

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1 Steiromys detent 0 --> (01) (wi thi n termi nal)
1   node_141 0 --> 1 Palaeostei romys
1   node_136 0 --> 1 node_135
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1   node_157 1 ==> 0 node_156
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neopiblima ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1   node_195 1 ==> 0 node_194
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Paraphimys pi go 0 --> (01) (wi thi n termi nal)
1 Acritophimys bo 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1   node_218 0 --> 1 node_217
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1   node_216 1 --> 0 Tamquammys dispi
1 Ottomaniaproavi 1 --> (01) (wi thi n termi nal)
1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
1   node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachiycuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1   node_130 0 ==> 1 node_128
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Steiromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 0 --> (01) (wi thi n termi nal)
1   node_141 0 ==> 1 Palaeostei romys
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Branisamys luri b 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

	1	Eoviscaccia	fras	0	-->	(01)	(withinterminal)
	1	Scleromys	praecu	0	-->	(01)	(withinterminal)
	1	Eoincamys	valver	0	-->	(01)	(withinterminal)
	1	Xenodontomys	sim	0	-->	(01)	(withinterminal)
	1	Ctenomys	bolivie	0	-->	(01)	(withinterminal)
	1	Pithanotomys	col	0	-->	(01)	(withinterminal)
	1	Octodon	degus	0	-->	(01)	(withinterminal)
	1	Spalacopus	cyanu	0	-->	(01)	(withinterminal)
	1	Mayomys	confluen	0	-->	(01)	(withinterminal)
	1	Eosallamys	paula	0	-->	(01)	(withinterminal)
	1	Eobranisamys	rom	0	-->	(01)	(withinterminal)
	1	Pozomys	ucayalie	0	-->	(01)	(withinterminal)
	1	Tarapotomys	mayo	0	-->	(01)	(withinterminal)
	1	Cachiyacuy	kumme	0	-->	(01)	(withinterminal)
	1	Metaphomys	scha	0	-->	(01)	(withinterminal)
	1	Acritophomys	bo	0	-->	(01)	(withinterminal)
398 (Hypolophid on) 1.000	1	node_218		0	-->	1 node_217	
	1	Reithroparamys	d	1	-->	(01)	(withinterminal)
	1	Birbalomys	sonda	1	-->	(01)	(withinterminal)
	1	Dolichotis	patag	1	-->	(01)	(withinterminal)
	1	Hydrochoerus	hyd	1	-->	(01)	(withinterminal)
	1	Cavia	aperea	1	-->	(01)	(withinterminal)
	1	Galea	spixii	1	-->	(01)	(withinterminal)
	1	Perimys	intermed	1	-->	(01)	(withinterminal)
	1	Potamarchus	muri	1	-->	(01)	(withinterminal)
	1	Lagostomus	maxim	1	-->	(01)	(withinterminal)
	1	Eoviscaccia	fras	1	-->	(01)	(withinterminal)
	1	Scleromys	praecu	1	-->	(01)	(withinterminal)
	1	Eoincamys	valver	1	-->	(01)	(withinterminal)
	1	Xenodontomys	sim	1	-->	(01)	(withinterminal)
	1	Ctenomys	bolivie	1	-->	(01)	(withinterminal)
	1	Pithanotomys	col	1	-->	(01)	(withinterminal)
	1	Octodon	degus	1	-->	(01)	(withinterminal)
	1	Spalacopus	cyanu	1	-->	(01)	(withinterminal)
399 (Height of the) 1.000	1	Archetypomys	erl	0	-->	(01)	(withinterminal)
	1	Tribosphenomys	m	0	-->	(01)	(withinterminal)
	1	Cocomys	ligchaen	0	-->	(01)	(withinterminal)
	1	node_217		0	-->	1 node_216	
	1	Dolichotis	patag	1	-->	(01)	(withinterminal)
	1	Hydrochoerus	hyd	1	-->	(01)	(withinterminal)
	1	Cavia	aperea	1	-->	(01)	(withinterminal)
	1	Galea	spixii	1	-->	(01)	(withinterminal)
	1	Perimys	intermed	1	-->	(01)	(withinterminal)
	1	Potamarchus	muri	1	-->	(01)	(withinterminal)
	1	Lagostomus	maxim	1	-->	(01)	(withinterminal)
	1	Eoviscaccia	fras	1	-->	(01)	(withinterminal)
	1	Scleromys	praecu	1	-->	(01)	(withinterminal)
	1	Eoincamys	valver	1	-->	(01)	(withinterminal)
	1	Xenodontomys	sim	1	-->	(01)	(withinterminal)
	1	Ctenomys	bolivie	1	-->	(01)	(withinterminal)
	1	Pithanotomys	col	1	-->	(01)	(withinterminal)
	1	Octodon	degus	1	-->	(01)	(withinterminal)
	1	Spalacopus	cyanu	1	-->	(01)	(withinterminal)
400 (Length of the) 1.000	1	Archetypomys	erl	1	-->	(01)	(withinterminal)
	1	Tribosphenomys	m	1	-->	(01)	(withinterminal)
	1	Cocomys	ligchaen	1	-->	(01)	(withinterminal)
	1	node_118		1	==>	0 Reithroparamys d	
	1	Dolichotis	patag	1	-->	(01)	(withinterminal)
	1	Hydrochoerus	hyd	1	-->	(01)	(withinterminal)
	1	Cavia	aperea	1	-->	(01)	(withinterminal)
	1	Galea	spixii	1	-->	(01)	(withinterminal)
	1	Perimys	intermed	1	-->	(01)	(withinterminal)
	1	Potamarchus	muri	1	-->	(01)	(withinterminal)
	1	Lagostomus	maxim	1	-->	(01)	(withinterminal)
	1	Eoviscaccia	fras	1	-->	(01)	(withinterminal)
	1	Scleromys	praecu	1	-->	(01)	(withinterminal)
	1	Eoincamys	valver	1	-->	(01)	(withinterminal)
	1	Xenodontomys	sim	1	-->	(01)	(withinterminal)

Hsearch_Consensus.out

401 (Obliquity of) 0.632

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1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 node_130 0 ==> 1 node_129
1 node_141 0 ==> 1 node_140
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 node_159 0 --> 1 node_158
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 node_154 1 --> 0 node_142
1 Incamys bolivian 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 node_166 0 --> 1 node_163
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 node_188 0 ==> 1 node_187
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 node_199 0 ==> 1 Eobrani samys jav
402 (Alignment of ) 0.882
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivian 0 --> (01) (wi thi n termi nal)
1 node_154 0 ==> 1 node_153
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Echimys chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 node_175 0 ==> 1 Mesocapromys/Mys
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivi 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 node_186 0 ==> 1 node_185
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Brani samys luri b 0 --> (01) (with in terminal)
 1 node_159 0 ==> 1 node_158
 1 Eoincamys pascua 1 --> (01) (with in terminal)
 1 Incamys bolivi an 1 --> (01) (with in terminal)
 1 Potamarchus muri 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 node_163 0 ==> 1 Platypittamys br
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivi 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 node_215 1 ==> 2 node_214
 2 Chaetomys subspi 2 --> (012) (with in terminal)
 2 node_141 2 --> 0 node_140
 2 node_137 0 --> 2 node_136
 2 Luantus propheti 2 --> (012) (with in terminal)
 2 Dolichotis patag 2 --> (012) (with in terminal)
 2 Hydrochoerus hyd 2 --> (012) (with in terminal)
 2 Cavia aperea 2 --> (012) (with in terminal)
 2 Galea spixii 2 --> (012) (with in terminal)
 2 Neoreomys austra 0 --> (012) (with in terminal)
 2 Brani samys luri b 0 --> (012) (with in terminal)
 2 Cuniculus paca-t 0 --> (012) (with in terminal)
 1 node_161 2 --> 1 node_160
 1 Eoincamys pascua 1 --> (12) (with in terminal)
 2 Microscleromys p 1 --> (012) (with in terminal)
 2 Scleromys quadra 1 --> (012) (with in terminal)
 2 Scleromys angust 1 --> (012) (with in terminal)
 2 Drytomomys aequa 1 --> (012) (with in terminal)
 2 Potamarchus muri 1 --> (012) (with in terminal)
 2 Di nomys brani cki 1 --> (012) (with in terminal)

403 (Anterior arm) 0.833

404 (*Height of th) 0.308

Hsearch_Consensus.out

2 Neopeblema ambr 1 --> (012) (with terminal)
 2 Chinchilla lanig 1 --> (012) (with terminal)
 2 Lagidium viscaci 1 --> (012) (with terminal)
 2 Lagostomus maxim 1 --> (012) (with terminal)
 2 Scleromys osborn 1 --> (012) (with terminal)
 2 Garri domys curnu 1 --> (012) (with terminal)
 2 Eoviscaccia fras 1 --> (012) (with terminal)
 2 Eoviscaccia aust 1 --> (012) (with terminal)
 2 Scleromys praecu 1 --> (012) (with terminal)
 2 Chambi ramys ship 1 --> (012) (with terminal)
 2 Eoincamys parvus 1 --> (012) (with terminal)
 2 Eoincamys valver 1 --> (012) (with terminal)
 2 Draconomys verai 2 --> (012) (with terminal)
 2 Leucokephalos ze 2 --> (012) (with terminal)
 2 Platypittamys br 2 --> (012) (with terminal)
 2 Deseadomys aramb 2 --> (012) (with terminal)
 2 Sci amys pri nci pa 2 --> (012) (with terminal)
 2 Galileomys euryg 2 --> (012) (with terminal)
 2 Willidewu estepa 2 --> (012) (with terminal)
 2 node_189 2 --> 0 node_188
 2 Prospani omys pri 0 --> (012) (with terminal)
 2 Spani omys ri pari 0 --> (012) (with terminal)
 2 Maruchito trilof 0 --> (012) (with terminal)
 2 Thrichomys apere 0 --> (012) (with terminal)
 2 node_173 0 --> 2 node_172
 2 Echi mys chrysuru 2 --> (012) (with terminal)
 2 Protadelphomys l 0 --> (012) (with terminal)
 2 Mesocapromys/Mys 0 --> (012) (with terminal)
 2 Xenodontomys sim 0 --> (012) (with terminal)
 2 Ctenomys bolivie 0 --> (012) (with terminal)
 2 Neophanomys bipl 0 --> (012) (with terminal)
 2 Pi thanotomys col 0 --> (012) (with terminal)
 2 Octodon degus 0 --> (012) (with terminal)
 2 Spalacopus cyanu 0 --> (012) (with terminal)
 2 Abrocoma bennett 0 --> (012) (with terminal)

Hsearch_Consensus.out

```
2 Adelphomys candi 0 --> (012) (w i t h i n
terminal)
2 Prostichomys bow 0 --> (012) (w i t h i n
terminal)
2 Stichomys regula 0 --> (012) (w i t h i n
terminal)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
terminal)
1 node_204 2 --> 1 node_203
1 Tarapotomys mayo 1 --> (12) (w i t h i n terminal)
2 Tarapotomys suba 1 --> (012) (w i t h i n
terminal)
405 (Length of the) 1.000
1 Dolichotis patag 0 --> (01) (w i t h i n terminal)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n terminal)
1 Cavia aperea 0 --> (01) (w i t h i n terminal)
1 Galea spixii 0 --> (01) (w i t h i n terminal)
1 Braniamys luri b 0 --> (01) (w i t h i n terminal)
1 Eoincamys pascua 0 --> (01) (w i t h i n terminal)
1 Incamys bolivi an 0 --> (01) (w i t h i n terminal)
1 Microscleromys p 0 --> (01) (w i t h i n terminal)
1 Scleromys quadra 0 --> (01) (w i t h i n terminal)
1 Scleromys angust 0 --> (01) (w i t h i n terminal)
1 Drytomomys aequa 0 --> (01) (w i t h i n terminal)
1 Potamarchus muri 0 --> (01) (w i t h i n terminal)
1 Dinomys branic ki 0 --> (01) (w i t h i n terminal)
1 Neopiblima ambr 0 --> (01) (w i t h i n terminal)
1 Chinchilla lani g 0 --> (01) (w i t h i n terminal)
1 Lagidium vi scaci 0 --> (01) (w i t h i n terminal)
1 Lagostomus maxi m 0 --> (01) (w i t h i n terminal)
1 Scleromys osborn 0 --> (01) (w i t h i n terminal)
1 Garri domys curnu 0 --> (01) (w i t h i n terminal)
1 Eoviscaccia fras 0 --> (01) (w i t h i n terminal)
1 Eoviscaccia aust 0 --> (01) (w i t h i n terminal)
1 Scleromys praecu 0 --> (01) (w i t h i n terminal)
1 Chambi ramys shi p 0 --> (01) (w i t h i n terminal)
1 Eoincamys parvus 0 --> (01) (w i t h i n terminal)
1 Eoincamys val ver 0 --> (01) (w i t h i n terminal)
1 Protadelphomys l 0 --> (01) (w i t h i n terminal)
1 Xenodontomys si m 0 --> (01) (w i t h i n terminal)
1 Ctenomys bolivi e 0 --> (01) (w i t h i n terminal)
1 Pithanotomys col 0 --> (01) (w i t h i n terminal)
1 Octodon degus 0 --> (01) (w i t h i n terminal)
1 Spalacopus cyanu 0 --> (01) (w i t h i n terminal)
406 (Hypoconulid o) 0.800
1 node_118 0 ==> 1 Reithroparamys d
1 node_212 0 --> 1 node_211
1 Phiomys hammudai 1 --> (01) (w i t h i n terminal)
1 Chaetomys subspi 1 --> (01) (w i t h i n terminal)
1 Luantus propheti 1 --> (01) (w i t h i n terminal)
1 Asteromys punctu 1 --> (01) (w i t h i n terminal)
1 Dolichotis patag 1 --> (01) (w i t h i n terminal)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n terminal)
1 Cavia aperea 1 --> (01) (w i t h i n terminal)
1 Galea spixii 1 --> (01) (w i t h i n terminal)
1 Neoreomys austra 1 --> (01) (w i t h i n terminal)
1 Dasyprocta 1 --> (01) (w i t h i n terminal)
1 Cuniculus paca-t 1 --> (01) (w i t h i n terminal)
1 Microscleromys p 1 --> (01) (w i t h i n terminal)
1 Scleromys quadra 1 --> (01) (w i t h i n terminal)
1 Scleromys angust 1 --> (01) (w i t h i n terminal)
1 Drytomomys aequa 1 --> (01) (w i t h i n terminal)
1 Potamarchus muri 1 --> (01) (w i t h i n terminal)
1 Dinomys branic ki 1 --> (01) (w i t h i n terminal)
1 Neopiblima ambr 1 --> (01) (w i t h i n terminal)
1 Chinchilla lani g 1 --> (01) (w i t h i n terminal)
1 Lagidium vi scaci 1 --> (01) (w i t h i n terminal)
1 Lagostomus maxi m 1 --> (01) (w i t h i n terminal)
1 Scleromys osborn 1 --> (01) (w i t h i n terminal)
1 Eoviscaccia fras 1 --> (01) (w i t h i n terminal)
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Hsearch_Consensus.out

1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal i e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_213 0 --> 1 node_212
 1 node_120 1 --> 0 node_119
 1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eostei romys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichoti s patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l)
 1 Peri mys i ntermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuni cul us paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bol i vi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (wi thin terminal)
 1 Eoincamys ameghi 1 --> (01) (wi thin terminal)
 1 Draconomys verai 1 --> (01) (wi thin terminal)
 1 Leucokephalos ze 1 --> (01) (wi thin terminal)
 1 Platypittamys br 1 --> (01) (wi thin terminal)
 1 Deseadomys aramb 1 --> (01) (wi thin terminal)
 1 Acaremys murinus 1 --> (01) (wi thin terminal)
 1 Sci amys principa 1 --> (01) (wi thin terminal)
 1 Galileomys euryg 1 --> (01) (wi thin terminal)
 1 Willidewu estepa 1 --> (01) (wi thin terminal)
 1 Prospaniomys pri 1 --> (01) (wi thin terminal)
 1 Spaniomys ripari 1 --> (01) (wi thin terminal)
 1 Myocastor coypus 1 --> (01) (wi thin terminal)
 1 Proechimys cuvie 1 --> (01) (wi thin terminal)
 1 Maruchito trilof 1 --> (01) (wi thin terminal)
 1 Thrichomys apere 1 --> (01) (wi thin terminal)
 1 Echimys chrysuru 1 --> (01) (wi thin terminal)
 1 Makalata didelph 1 --> (01) (wi thin terminal)
 1 Protadelphomys l 1 --> (01) (wi thin terminal)
 1 Euryzygomatomys 1 --> (01) (wi thin terminal)
 1 Mesocapromys/Mys 1 --> (01) (wi thin terminal)
 1 Xenodontomys sim 1 --> (01) (wi thin terminal)
 1 Ctenomys bolivi e 1 --> (01) (wi thin terminal)
 1 Neophanomys bipl 1 --> (01) (wi thin terminal)
 1 Pi thanotomys col 1 --> (01) (wi thin terminal)
 1 Octodon degus 1 --> (01) (wi thin terminal)
 1 Spalacopus cyanu 1 --> (01) (wi thin terminal)
 1 Abrocoma bennett 1 --> (01) (wi thin terminal)
 1 Adelphomys candi 1 --> (01) (wi thin terminal)
 1 Prostichomys bow 1 --> (01) (wi thin terminal)
 1 Stichomys regula 1 --> (01) (wi thin terminal)
 1 Dudumus rui gomez 1 --> (01) (wi thin terminal)
 1 Pampamys emmonsa 1 --> (01) (wi thin terminal)
 1 Caviocricetus lu 1 --> (01) (wi thin terminal)
 1 Plesi acarechi mys 1 --> (01) (wi thin terminal)
 1 Sal lamys pascual 1 --> (01) (wi thin terminal)
 1 Mayomys confluen 1 --> (01) (wi thin terminal)
 1 Eosallamys paula 1 --> (01) (wi thin terminal)
 1 Shapajamys laboc 1 --> (01) (wi thin terminal)
 1 Eobranisamys rom 1 --> (01) (wi thin terminal)
 1 Eobranisamys jav 1 --> (01) (wi thin terminal)
 1 Pozomys ucayalie 1 --> (01) (wi thin terminal)
 1 Tarapotomys mayo 1 --> (01) (wi thin terminal)
 1 Tarapotomys suba 1 --> (01) (wi thin terminal)
 1 Cachi yacuy kumme 1 --> (01) (wi thin terminal)
 1 Thryonomys swind 1 --> (01) (wi thin terminal)
 1 Paraphiomys pi go 1 --> (01) (wi thin terminal)
 1 node_217 0 ==> 1 node_118
 1 Hodsahibi azrae 0 --> (01) (wi thin terminal)
 1 'Waslamys' attia 0 --> (01) (wi thin terminal)
 1 node_212 0 ==> 1 node_211
 1 Chaetomys subspi 1 --> (01) (wi thin terminal)
 1 Australoprocta f 1 --> (01) (wi thin terminal)
 1 Luantus propheti 1 --> (01) (wi thin terminal)
 1 Dolichotis patag 1 --> (01) (wi thin terminal)
 1 Hydrochoerus hyd 1 --> (01) (wi thin terminal)
 1 Cavia aperea 1 --> (01) (wi thin terminal)
 1 Galea spixii 1 --> (01) (wi thin terminal)
 1 Perimys intermed 1 --> (01) (wi thin terminal)
 1 Neoreomys austra 1 --> (01) (wi thin terminal)
 1 Dasyprocta 1 --> (01) (wi thin terminal)
 1 Cuniculus paca-t 1 --> (01) (wi thin terminal)
 1 Microscleromys p 1 --> (01) (wi thin terminal)
 1 Scleromys quadra 1 --> (01) (wi thin terminal)
 1 Scleromys angust 1 --> (01) (wi thin terminal)
 1 Drytomomys aequa 1 --> (01) (wi thin terminal)
 1 Potamarchus muri 1 --> (01) (wi thin terminal)
 1 Dinomys branicki 1 --> (01) (wi thin terminal)

408 (Hypoconulid o) 0.667

Hsearch_Consensus.out

1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Prosthomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Metaphomys scha 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 node_135 0 ==> 1 node_134
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 node_154 0 ==> 1 node_153
 1 node_148 1 ==> 0 node_145
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 node_159 0 ==> 1 Chambi ramys syl v
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 node_165 0 --> 1 node_164
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 node_203 0 --> 1 node_202

409 (Anteroflexid) 0.286

Hsearch_Consensus.out

410 (Strong reduct) 0.125

1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 node_138 0 --> 1 node_137
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 node_137 1 --> 0 Neoreomys austra
 1 node_139 0 ==> 1 Dasyprocta
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 node_145 0 --> 1 node_144
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 node_195 0 ==> 1 node_194
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 node_188 1 ==> 0 node_187
 1 node_169 0 ==> 1 Proechimys cuvie
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 node_191 1 ==> 0 Plesiacarechymys
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)

411 (Mesoflexid (+) 0.250

Hsearch_Consensus.out

1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_135 0 ==> 1 node_134
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 node_152 0 ==> 1 node_151
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 node_182 0 ==> 1 node_181
 1 node_186 0 --> 1 node_185
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 412 (Strong reduct) 0.250
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_136 0 --> 1 node_135
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 node_153 0 --> 1 node_152
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 node_171 0 ==> 1 Thrichomys apere
 1 node_175 0 --> 1 node_174
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 413 (Metaflexid on) 0.500
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_135 0 ==> 1 node_134
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 node_181 0 ==> 1 node_178
 414 (Strong reduct) 0.333
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 node_139 0 ==> 1 Dasypsecta
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Eoviscaccia fras 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 node_164 0 ==> 1 Sci amys pri nci pa
 1 node_171 0 ==> 1 Thri chomys apere
 1 Euryzygomatomys 0 --> (01) (with terminal)
 1 Xenodontomys sim 0 --> (01) (with terminal)
 1 Ctenomys bolivie 0 --> (01) (with terminal)
 1 Neophanomys bipl 0 --> (01) (with terminal)
 415 (Hypoflexid on) 1.000
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tri bosphenomys m 0 --> (01) (with terminal)
 1 Cocomys ligchaen 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 Hydrochoerus hyd 0 --> (01) (with terminal)
 1 Cavia aperea 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Lagostomus maxi m 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 Eoincamys val ver 0 --> (01) (with terminal)
 1 Euryzygomatomys 0 --> (01) (with terminal)
 1 node_178 0 ==> 1 node_177
 416 (Transversal e) 1.000
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tri bosphenomys m 0 --> (01) (with terminal)
 1 Cocomys ligchaen 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 node_137 0 ==> 1 node_136
 1 Hydrochoerus hyd 1 --> (01) (with terminal)
 1 Cavia aperea 1 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Lagostomus maxi m 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 Eoincamys val ver 0 --> (01) (with terminal)
 1 Euryzygomatomys 0 --> (01) (with terminal)
 1 Xenodontomys sim 0 --> (01) (with terminal)
 1 Ctenomys bolivie 0 --> (01) (with terminal)
 417 (Importance of) 1.000
 1 Archetypomys erl 1 --> (01) (with terminal)
 1 Tri bosphenomys m 1 --> (01) (with terminal)
 1 Cocomys ligchaen 1 --> (01) (with terminal)
 1 Reithroparamys d 1 --> (01) (with terminal)
 1 Birbalomys sonda 1 --> (01) (with terminal)
 1 Tamquammys di spi 1 --> (01) (with terminal)
 1 Chapattimys wils 1 --> (01) (with terminal)
 1 Ottomani a proavi 1 --> (01) (with terminal)
 1 Bugtimys zafarul 1 --> (01) (with terminal)
 1 Hodsahibi a azrae 1 --> (01) (with terminal)
 1 'Waslamys' attia 1 --> (01) (with terminal)
 1 Phi omys hammudai 1 --> (01) (with terminal)
 1 Cachi yacuy conta 1 --> (01) (with terminal)
 1 Eoespina woodi -E 1 --> (01) (with terminal)
 1 Canaanimys maqui 1 --> (01) (with terminal)
 1 Protosteioromys m 1 --> (01) (with terminal)
 1 Eosteioromys homo 1 --> (01) (with terminal)
 1 Brani samyopsis a 1 --> (01) (with terminal)
 1 Neosteioromys pat 1 --> (01) (with terminal)
 1 Erethizon dorsat 1 --> (01) (with terminal)
 1 Coendou prehensi 1 --> (01) (with terminal)
 1 Steioromys detent 1 --> (01) (with terminal)
 1 Hypsosteioromys a 1 --> (01) (with terminal)
 1 Chaetomys subspi 1 --> (01) (with terminal)
 1 Palaeosteioromys 1 --> (01) (with terminal)
 1 Australoprocta f 1 --> (01) (with terminal)
 1 node_135 1 ==> 0 Asteromys punctu
 1 Hydrochoerus hyd 1 --> (01) (with terminal)
 1 Cavia aperea 1 --> (01) (with terminal)
 1 Neoreomys austra 1 --> (01) (with terminal)
 1 Brani samys luri b 1 --> (01) (with terminal)
 1 Dasyprocta 1 --> (01) (with terminal)
 1 Cuniculus paca-t 1 --> (01) (with terminal)
 1 Eoincamys pascua 1 --> (01) (with terminal)

Hsearch_Consensus.out

1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepelema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
 1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

418 (Formation of) 0.400

1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_137 0 ==> 1 node_136
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_153 0 ==> 1 node_152
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_171 0 ==> 1 Thri chomys apere
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_182 0 ==> 1 node_181

419 (Number of Job) 1.000

1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteir omys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteir omys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteir omys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Steir omys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsosteir omys a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeosteir omys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Austral oprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cunicul us paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branic ki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidi um vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephal os ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypi ttamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 node_181 1 --> 0 node_178
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus l u 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
420 (Shape of the ) 0.750 1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_132 0 ==> 2 Cavi a aperea
1 node_134 0 ==> 2 Perimys intermed
421 (Shape of the ) 1.000 1 node_181 0 ==> 3 node_180
1 node_131 0 ==> 4 Hydrochoerus hyd
1 node_132 0 ==> 1 Cavi a aperea
1 node_134 0 ==> 2 Perimys intermed
422 (Complete fusi ) 1.000 1 node_181 0 ==> 3 node_180
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
423 (Complete fusi ) 1.000 1 node_178 0 ==> 1 node_177
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
424 (Fusion of the) 1.000 1 node_181 0 ==> 1 node_178
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteí romys m 0 --> (01) (wi thi n termi nal)
1 Eosteí romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Bransamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branski 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 node_181 0 ==> 1 node_180
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l )

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425 (Fusion of the) 0.500

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1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 node_137 1 ==> 0 Neoreomys austra
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi l l a l ani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
1 Sci amys princi pa 1 --> (01) (w i t h i n t e r m i n a l)
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Echimys chysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
1 node_181 1 ==> 0 node_180
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l)
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l)
1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
426 (Laminas on lo) 1.000
1 node_149 0 ==> 1 node_148
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
427 (Number of lam) 1.000
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l)

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1 Neosteironomys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steironomys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteironomys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Bransamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoicamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 node_148 0 --> 1 node_145
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoivscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoivscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoicamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoicamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoicamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )

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	1	Caviocri cetus lu	0	-->	(01)	(wi thi n termi nal)
	1	Plesi acarechi mys	0	-->	(01)	(wi thi n termi nal)
	1	Sall amys pascual	0	-->	(01)	(wi thi n termi nal)
	1	Mayomys confluen	0	-->	(01)	(wi thi n termi nal)
	1	Eosal lamys paula	0	-->	(01)	(wi thi n termi nal)
	1	Shapaj amys laboc	0	-->	(01)	(wi thi n termi nal)
	1	Eobrani samys rom	0	-->	(01)	(wi thi n termi nal)
	1	Eobrani samys jav	0	-->	(01)	(wi thi n termi nal)
	1	Pozomys ucayalie	0	-->	(01)	(wi thi n termi nal)
	1	Tarapotomys mayo	0	-->	(01)	(wi thi n termi nal)
	1	Tarapotomys suba	0	-->	(01)	(wi thi n termi nal)
	1	Cachi yacuy kumme	0	-->	(01)	(wi thi n termi nal)
	1	Thryonomys swind	0	-->	(01)	(wi thi n termi nal)
	1	Paraphi omys pi go	0	-->	(01)	(wi thi n termi nal)
	1	Metaphi omys scha	0	-->	(01)	(wi thi n termi nal)
	1	Acri tophi omys bo	0	-->	(01)	(wi thi n termi nal)
	1	Bal uchi mys barry	0	-->	(01)	(wi thi n termi nal)
428	(Secondary int)	1.000	1		node_131	0 ==> 1 Hydrochoerus hyd
429	(Tertiary inte)	0.500	1		node_131	0 --> (01) (wi thi n termi nal)
			1		node_132	0 ==> 1 Hydrochoerus hyd
			1		node_132	0 ==> 1 Cavi a aperea
430	(Primary inter)	1.000	1		node_131	0 --> (01) (wi thi n termi nal)
			1		node_131	0 ==> 1 Hydrochoerus hyd
431	(Fundamental e)	0.500	1		node_131	0 --> (01) (wi thi n termi nal)
			1		node_131	0 ==> 1 Hydrochoerus hyd
			1		node_132	0 ==> 1 Cavi a aperea
432	(Secondary ext)	1.000	1		node_131	0 --> (01) (wi thi n termi nal)
			1		node_131	0 ==> 1 Hydrochoerus hyd
433	(*Mandi ble)	0.667	2		Archetypomys erl	0 --> (012) (wi thi n termi nal)
			1		node_216	0 --> 1 node_215
			2		Chapatti mys wils	1 --> (012) (wi thi n termi nal)
			2		Ottomani a proavi	1 --> (012) (wi thi n termi nal)
			2		Bugti mys zafarul	1 --> (012) (wi thi n termi nal)
			2		Hodsahi bi a azrae	1 --> (012) (wi thi n termi nal)
			2		'Wasl amys' attia	1 --> (012) (wi thi n termi nal)
			2		Cachi yacuy conta	1 --> (012) (wi thi n termi nal)
			2		Eoespi na woodi -E	1 --> (012) (wi thi n termi nal)
			2		Canaani mys maqui	1 --> (012) (wi thi n termi nal)
			2		Protostei romys m	1 --> (012) (wi thi n termi nal)
			2		Eostei romys homo	1 --> (012) (wi thi n termi nal)
			2		Hypsostei romys a	1 --> (012) (wi thi n termi nal)
			2		Pal aeostei romys	1 --> (012) (wi thi n termi nal)
			2		Austral oprocta f	1 --> (012) (wi thi n termi nal)
			2		Luantus propheti	1 --> (012) (wi thi n termi nal)
			2		Asteromys punctu	1 --> (012) (wi thi n termi nal)
			1		node_134	1 ==> 2 node_133
			2		Neoreomys austra	1 --> (012) (wi thi n termi nal)
			2		Brani samys luri b	1 --> (012) (wi thi n termi nal)
			1		node_139	1 ==> 2 Dasyprocta

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2 Eoincamys pascua 1 --> (012) (w i t h i n
t e r m i n a l)
2 Incamys bolivi an 1 --> (012) (w i t h i n
t e r m i n a l)
2 Microscleromys p 1 --> (012) (w i t h i n
t e r m i n a l)
2 Neopebl em a ambr 1 --> (012) (w i t h i n
t e r m i n a l)
2 Garri domys curnu 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoviscaccia fras 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoviscaccia aust 1 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys shi p 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys parvus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys syl v 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys val ver 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys ameghi 1 --> (012) (w i t h i n
t e r m i n a l)
2 Draconomys verai 1 --> (012) (w i t h i n
t e r m i n a l)
2 Leucokephal os ze 1 ---> (012) (w i t h i n
t e r m i n a l)
2 Pl atypi ttamys br 1 --> (012) (w i t h i n
t e r m i n a l)
2 Deseadomys aramb 1 --> (012) (w i t h i n
t e r m i n a l)
2 Prospani omys pri 1 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchi to tril of 1 --> (012) (w i t h i n
t e r m i n a l)
2 Protadel phomys l 1 --> (012) (w i t h i n
t e r m i n a l)
2 Xenodontomys si m 1 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 1 --> (012) (w i t h i n
t e r m i n a l)
2 Prosti chomys bow 1 --> (012) (w i t h i n
t e r m i n a l)
2 Sti chomys regul a 1 --> (012) (w i t h i n
t e r m i n a l)
2 Dudumus rui gomez 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pampamys emmonsa 1 --> (012) (w i t h i n
t e r m i n a l)
2 Cavi ocricetus l u 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pl esi acarechi mys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Sal l amys pascual 1 --> (012) (w i t h i n
t e r m i n a l)
2 Mayomys confl uen 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eosal l amys paul a 1 --> (012) (w i t h i n
t e r m i n a l)
2 Shapaj amys l aboc 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys rom 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys j av 1 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

2 Pozomys ucayal i e 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
termi nal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
termi nal)
434 (*Length of th) 0.333 2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 0 --> (012) (wi thi n
termi nal)
1 node_210 0 --> 1 node_209
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
1 node_130 1 --> 0 node_128
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 0 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
termi nal)
1 node_125 0 --> 1 Erethi zon dorsat
2 Stei romys detent 0 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 1 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_131 1 ==> 2 Dol i choti s patag
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 1 --> (012) (wi thi n
termi nal)
1 node_139 1 ==> 2 Cuni cul us paca-t
1 node_195 1 --> 0 node_161
2 Eoi ncamys pascua 0 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 0 --> (012) (wi thi n
termi nal)
1 node_149 0 ==> 1 node_148
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)

2 Neoeppi blema ambr 1 --> (012) (wi thi n
termi nal)

2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)

2 Eovi scacci a fras 0 --> (012) (wi thi n
termi nal)

2 Eovi scacci a aust 0 --> (012) (wi thi n
termi nal)

2 Scl eromys praecu 0 --> (012) (wi thi n
termi nal)

2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)

2 Eoi ncamys parvus 0 --> (012) (wi thi n
termi nal)

2 Chambi ramys syl v 0 --> (012) (wi thi n
termi nal)

2 Eoi ncamys val ver 0 --> (012) (wi thi n
termi nal)

2 Eoi ncamys ameghi 0 --> (012) (wi thi n
termi nal)

2 Draconomys verai 1 --> (012) (wi thi n
termi nal)

2 Gal ileomys euryg 1 --> (012) (wi thi n
termi nal)

2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)

2 Maruchi to tril of 1 --> (012) (wi thi n
termi nal)

2 Protadel phomys l 1 --> (012) (wi thi n
termi nal)

2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)

2 Adel phomys candi 1 --> (012) (wi thi n
termi nal)

2 Prosti chomys bow 1 --> (012) (wi thi n
termi nal)

2 Dudumus rui gomez 1 --> (012) (wi thi n
termi nal)

1 node_189 1 --> 0 Pampamys emmonsa

2 Cavi ocricetus lu 1 --> (012) (wi thi n
termi nal)

2 Ple si acarechi mys 1 --> (012) (wi thi n
termi nal)

1 node_193 1 --> 0 Sal lamys pascual

2 Mayomys confl uen 1 --> (012) (wi thi n
termi nal)

2 Eosal lamys paul a 1 --> (012) (wi thi n
termi nal)

2 Shapaj amys laboc 1 --> (012) (wi thi n
termi nal)

2 Eobrani samys rom 1 --> (012) (wi thi n
termi nal)

2 Eobrani samys jav 1 --> (012) (wi thi n
termi nal)

2 Pozomys ucayal ie 1 --> (012) (wi thi n
termi nal)

2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal)

2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)

2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal)

1 node_208 1 --> 0 Thryonomys swi nd

1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)

2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)

435 (Mandible at t) 1.000

Hsearch_Consensus.out

1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiycuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 node_131 0 ==> 1 Dolichotiss patag
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Neopiblemma ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 Maruchitotrilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Plesiacarechimy 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiycuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiycuy conta 0 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)

436 (Mental forame) 0.333

Hsearch_Consensus.out

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1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepelema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 node_147 0 ==> 1 Lagostomus maxim
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyx pri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_186 0 ==> 1 node_183
1 Spaniomyx ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 node_170 1 ==> 0 Maruchitotrilof
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaraechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
2 Archetypomys erl 1 --> (012) (w i t h i n
termi nal )
2 Cocomys ligchaen 1 --> (012) (w i t h i n
termi nal )
2 Birbalomys sonda 1 --> (012) (w i t h i n
termi nal )
2 Tamquammys dispi 1 --> (012) (w i t h i n
termi nal )
2 Chapattimys wils 1 --> (012) (w i t h i n
termi nal )
2 Ottomaniaproavi 1 --> (012) (w i t h i n
termi nal )
1 node_120 1 --> 2 node_119
2 Hodsahibi azrae 2 --> (012) (w i t h i n
termi nal )
1 node_210 1 --> 2 node_209
2 Phiomys hammudai 2 --> (012) (w i t h i n
termi nal )
2 Cachi yacuy conta 2 --> (012) (w i t h i n
termi nal )
2 Canaanimys maqui 2 --> (012) (w i t h i n
termi nal )
1 node_205 2 --> 1 node_204
2 Protosteioromys m 1 --> (012) (w i t h i n
termi nal )
2 Neosteioromys pat 1 --> (012) (w i t h i n
termi nal )
2 Steioromys detent 1 --> (012) (w i t h i n
termi nal )
2 Hyposteioromys a 1 --> (012) (w i t h i n
termi nal )
2 Palaeosteioromys 1 --> (012) (w i t h i n
termi nal )

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437 (*Location of) 0.143

Hsearch_Consensus.out

2 Australoprocta f 1 --> (012) (within terminal)

2 Asteromys punctu 1 --> (012) (within terminal)

1 node_131 1 ==> 0 Dolichotis patag

1 node_132 1 ==> 2 Cavia aperea

1 node_132 1 ==> 0 Galea spixii

2 Perimys intermed 1 --> (012) (within terminal)

1 node_138 1 ==> 0 Braniamys luri b

1 node_140 1 ==> 2 node_139

2 Eoincamys pascua 1 --> (012) (within terminal)

1 node_154 1 --> 2 node_142

2 Microscleromys p 2 --> (012) (within terminal)

2 Scleromys quadra 1 --> (012) (within terminal)

2 Scleromys angust 1 --> (012) (within terminal)

2 Potamarchus muri 1 --> (012) (within terminal)

1 node_145 1 ==> 0 Dinomys branicki

1 node_148 1 --> 2 node_147

2 Neoepeblema ambr 2 --> (012) (within terminal)

2 Lagostomus maxim 2 --> (012) (within terminal)

1 node_152 1 --> 2 node_151

2 Eoiviscaccia fras 2 --> (012) (within terminal)

2 Scleromys praecu 1 --> (012) (within terminal)

2 Chambi ramys ship 1 --> (012) (within terminal)

2 Eoincamys parvus 1 --> (012) (within terminal)

2 Chambi ramys sylv 1 --> (012) (within terminal)

2 Eoincamys valver 1 --> (012) (within terminal)

2 Eoincamys ameghi 1 --> (012) (within terminal)

2 Willidewu estepa 1 --> (012) (within terminal)

2 Prospaniomyss pri 1 --> (012) (within terminal)

2 Spaniomyss ripari 1 --> (012) (within terminal)

2 Myocastor coypus 1 --> (012) (within terminal)

2 Proechiomyss cuvie 1 --> (012) (within terminal)

2 Thrichomys apere 1 --> (012) (within terminal)

2 Echiomyss chrysuru 1 --> (012) (within terminal)

2 Makalata delph 1 --> (012) (within terminal)

2 Protadelphomys l 1 --> (012) (within terminal)

2 Euryzygomatomys 1 --> (012) (within terminal)

2 Mesocapromys/Mys 1 --> (012) (within terminal)

2 Xenodontomys sim 1 --> (012) (within terminal)

2 Ctenomys bolivie 1 --> (012) (within terminal)

Hsearch_Consensus.out

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2 Neophanomys bi pl 1 --> terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
2 Adelphomys candi 1 --> (012) (wi thi n
terminal)
2 Stichomys regula 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
terminal)
2 Caviocricetus lu 1 --> (012) (wi thi n
terminal)
2 Plesiacarechymys 1 --> (012) (wi thi n
terminal)
1 node_193 1 ==> 0 Sallamys pascual
2 Mayomys confluen 1 --> (012) (wi thi n
terminal)
2 Eosallamys paula 1 --> (012) (wi thi n
terminal)
1 node_201 1 --> 0 node_200
2 Shapajamys laboc 0 --> (012) (wi thi n
terminal)
2 Eobranisamys jav 0 --> (012) (wi thi n
terminal)
2 Pozomys ucayalie 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 2 --> (012) (wi thi n
terminal)
2 Thryonomys swind 2 --> (012) (wi thi n
terminal)
2 Baluchimys barry 1 --> (012) (wi thi n
terminal)
438 (Position of t) 0.286 1 node_130 0 --> 1 node_129
1 node_140 0 --> 2 node_138
1 node_198 0 --> 1 node_197
1 node_183 1 --> 0 node_182
1 node_169 0 --> 1 node_168
1 node_172 0 ==> 1 Makalata didelph
1 node_175 0 ==> 1 Mesocapromys/Mys
439 (Notch for the) 0.360 1 node_217 4 --> 1 node_216
1 node_125 1 ==> 0 Erethizon dorsat
1 node_136 1 --> 2 node_135
1 node_137 1 ==> 4 Neoreomys austra
1 Branisamys luri b 1 --> (14) (wi thi n terminal)
1 Cuniculus paca-t 1 --> (14) (wi thi n terminal)
1 node_195 1 --> 4 node_161
1 Incamys bolivian 4 --> (14) (wi thi n terminal)
1 node_147 4 ==> 3 node_146
1 node_147 4 ==> 1 Lagostomus maxim
1 node_152 4 --> 1 node_151
1 node_162 1 ==> 4 Leucocephalos ze
1 node_163 1 ==> 4 Deseadomys aramb
1 node_165 1 ==> 4 node_164
1 Galileomys euryg 1 --> (01) (wi thi n terminal)
1 node_189 1 ==> 4 node_188

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Hsearch_Consensus.out

1 node_186 4 ==> 0 node_183
 1 node_182 0 ==> 1 node_176
 1 node_170 1 ==> 4 node_169
 1 node_175 1 --> 4 node_174
 1 node_177 0 ==> 4 Ctenomys bolivi e
 1 node_180 0 --> 3 node_179
 1 node_184 4 ==> 1 Prostichomys bow
 1 Sal lamys pascual 1 --> (14) (wi thi n termi nal)
 1 node_209 1 ==> 4 node_208
 440 (*Location of) 0.261
 3 Archetypomys erl 3 --> (0123) (wi thi n
 termi nal)
 3 Tri bosphenomys m 3 --> (0123) (wi thi n
 termi nal)
 3 Bi rbal omys sonda 3 --> (0123) (wi thi n
 termi nal)
 2 node_217 3 --> 1 node_216
 3 Tamquammys di spi 1 --> (0123) (wi thi n
 termi nal)
 3 Chapattimys wi ls 1 --> (0123) (wi thi n
 termi nal)
 3 Ottomani a proavi 1 --> (0123) (wi thi n
 termi nal)
 3 Bugtimys zafarul 1 --> (0123) (wi thi n
 termi nal)
 3 Hodsahi bi a azrae 1 --> (0123) (wi thi n
 termi nal)
 1 node_210 1 --> 0 node_209
 3 Phi omys hammudai 0 --> (0123) (wi thi n
 termi nal)
 3 Cachi yacuy conta 0 --> (0123) (wi thi n
 termi nal)
 3 Canaani mys maqui 0 --> (0123) (wi thi n
 termi nal)
 1 node_141 0 ==> 1 node_130
 3 Protostei romys m 1 --> (0123) (wi thi n
 termi nal)
 3 Brani samyopsi s a 1 --> (0123) (wi thi n
 termi nal)
 3 Neostei romys pat 1 --> (0123) (wi thi n
 termi nal)
 1 node_126 1 ==> 2 node_125
 3 Stei romys detent 1 --> (0123) (wi thi n
 termi nal)
 3 Pal aeostei romys 0 --> (0123) (wi thi n
 termi nal)
 1 node_138 0 ==> 1 node_137
 3 Austral oprocta f 1 --> (0123) (wi thi n
 termi nal)
 3 Asteromys punctu 1 --> (0123) (wi thi n
 termi nal)
 1 node_131 1 ==> 2 Dol i choti s patag
 3 Peri mys intermed 1 --> (0123) (wi thi n
 termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 3 Eoi ncamys pascua 0 --> (0123) (wi thi n
 termi nal)
 3 Mi croscl eromys p 0 --> (0123) (wi thi n
 termi nal)
 1 node_149 0 ==> 1 node_148
 3 Potamarchus muri 1 --> (0123) (wi thi n
 termi nal)
 1 node_147 1 ==> 2 Neoepi bl ema ambr
 3 Eovi scacci a fras 0 --> (0123) (wi thi n
 termi nal)
 3 Scl eromys praecu 0 --> (0123) (wi thi n
 termi nal)
 3 Chambi ramys shi p 0 --> (0123) (wi thi n
 termi nal)

Hsearch_Consensus.out

```

3 Eoincamys parvus 0 --> (0123) (with in
terminal)
3 Chambi ramys sylv 0 --> (0123) (with in
terminal)
3 Eoincamys valver 0 --> (0123) (with in
terminal)
3 Eoincamys ameghi 0 --> (0123) (with in
terminal)
1 node_194 0 ==> 1 node_162
1 node_163 0 ==> 1 Deseadomys aramb
1 Acaremys murinus 0 --> (01) (with in terminal)
1 node_165 0 ==> 1 Galileomys euryg
3 Willidewu estepa 0 --> (0123) (with in
terminal)
1 node_170 0 ==> 1 node_169
3 Protadelphomys l 0 --> (0123) (with in
terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 node_182 0 ==> 1 node_181
1 node_177 1 ==> 2 Ctenomys bolivie
3 Neophanomys bipl 1 --> (0123) (with in
terminal)
3 Pithanotomys col 1 --> (0123) (with in
terminal)
1 node_186 0 --> 1 node_185
1 node_184 1 --> 0 Stichomys regula
1 Sallamys pascual 0 --> (01) (with in terminal)
3 Mayomys confluen 0 --> (0123) (with in
terminal)
3 Eosallamys paula 0 --> (0123) (with in
terminal)
3 Shapajamys laboc 0 --> (0123) (with in
terminal)
3 Eobrani samys jav 0 --> (0123) (with in
terminal)
1 node_204 0 --> 1 node_203
3 Tarapotomys mayo 1 --> (0123) (with in
terminal)
3 Tarapotomys suba 1 --> (0123) (with in
terminal)
3 Cachi yacuy kumme 0 --> (0123) (with in
terminal)
1 node_208 0 --> 1 Thryonomys swind
3 Baluchimys barry 1 --> (0123) (with in
terminal)
2 Archetypomys erl 1 --> (012) (with in
terminal)
1 node_219 1 --> 2 Tribosphenomys m
2 Birbalomys sonda 1 --> (012) (with in
terminal)
1 node_217 1 --> 0 node_216
2 Tamquammys dispi 0 --> (012) (with in
terminal)
2 Chapattimys wils 0 --> (012) (with in
terminal)
2 Ottomaniaproavi 0 --> (012) (with in
terminal)
2 Hodsahibi azrae 0 --> (012) (with in
terminal)
1 node_120 0 --> 1 'Waslamys' attia
2 Phiomys hammudai 0 --> (012) (with in
terminal)
1 node_205 0 --> 1 node_122
2 Cachi yacuy conta 1 --> (012) (with in
terminal)
2 Canaanimys maqui 1 --> (012) (with in
terminal)
1 node_201 0 ==> 1 node_198

```

441 (*Development) 0.238

Hsearch_Consensus.out

2 Protosteirromys m 1 --> (012) (with in terminal)
2 Eosteirromys homo 1 --> (012) (with in terminal)
2 Neosteirromys pat 1 --> (012) (with in terminal)
1 node_126 1 ==> 2 node_125
2 Steirromys detent 1 --> (012) (with in terminal)
1 node_129 1 ==> 2 Chaetomys subspi
2 Palaeosteirromys 1 --> (012) (with in terminal)
2 Australoprocta f 1 --> (012) (with in terminal)
1 node_136 1 --> 2 node_135
2 Asteromys punctu 2 --> (012) (with in terminal)
2 Perimys intermed 2 --> (012) (with in terminal)
1 Dasypoprocta 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (12) (with in terminal)
2 Eoincamys pascua 1 --> (012) (with in terminal)
2 Microscleromys p 1 --> (012) (with in terminal)
2 Scleromys quadra 1 --> (012) (with in terminal)
1 node_149 1 --> 2 node_148
2 Drytomomys aequa 2 --> (012) (with in terminal)
2 Potamarchus muri 2 --> (012) (with in terminal)
1 Dinomys branicki 2 --> (12) (with in terminal)
2 Neoeplema ambr 2 --> (012) (with in terminal)
1 node_152 1 ==> 0 Garri domys curnu
2 Eoviscaccia fras 1 --> (012) (with in terminal)
2 Scleromys praecu 1 --> (012) (with in terminal)
2 Chambi ramys shi p 1 --> (012) (with in terminal)
2 Eoincamys parvus 1 --> (012) (with in terminal)
2 Chambi ramys syl v 1 --> (012) (with in terminal)
2 Eoincamys val ver 1 --> (012) (with in terminal)
2 Eoincamys ameghi 1 --> (012) (with in terminal)
2 Draconomys verai 1 --> (012) (with in terminal)
1 node_193 1 ==> 0 node_192
2 Sci amys pri nci pa 0 --> (012) (with in terminal)
2 Willidewu estepa 0 --> (012) (with in terminal)
1 node_171 0 ==> 1 Thrichomys apere
1 node_172 0 ==> 1 Echi mys chrysuru
2 Protadelphomys l 0 --> (012) (with in terminal)
1 node_182 0 --> 1 node_181
1 node_181 1 --> 2 node_178
2 Xenodontomys sim 2 --> (012) (with in terminal)
2 Neophanomys bi pl 2 --> (012) (with in terminal)
2 Pi thanotomys col 1 --> (012) (with in terminal)

Hsearch_Consensus. out

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1          node_180 1 --> 0 Spalacopus cyanu
1          node_186 0 ==> 1 node_185
2 Mayomys confluen 1 --> (012) (wi thi n
terminal)
2 Eosallamys paula 1 --> (012) (wi thi n
terminal)
2 Shapajamys laboc 0 --> (012) (wi thi n
terminal)
2 Eobrani samys jav 0 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
terminal)
1          node_208 0 ==> 1 Thryonomys swind
2 Baluchimys barry 0 --> (012) (wi thi n
terminal)
442 (*Anterior ori) 0.214
2 Archetypomys erl 2 --> (012) (wi thi n
terminal)
2 Tribosphenomys m 2 --> (012) (wi thi n
terminal)
2 Birbalomys sonda 2 --> (012) (wi thi n
terminal)
2          node_217 2 --> 0 node_216
2 Tamquammys dispi 0 --> (012) (wi thi n
terminal)
2 Chapattimys wils 0 --> (012) (wi thi n
terminal)
2 Ottomaniaproavi 0 --> (012) (wi thi n
terminal)
2 Hodsahibia azrae 0 --> (012) (wi thi n
terminal)
2 Phiomys hammudai 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
terminal)
2 Canaanimys maqui 0 --> (012) (wi thi n
terminal)
1          node_141 0 --> 1 node_130
2 Protosteioromys m 1 --> (012) (wi thi n
terminal)
2 Eosteioromys homo 1 --> (012) (wi thi n
terminal)
2 Neosteioromys pat 1 --> (012) (wi thi n
terminal)
2 Steioromys detent 1 --> (012) (wi thi n
terminal)
1          node_129 1 --> 0 Hypsosteioromys a
2 Palaeosteioromys 0 --> (012) (wi thi n
terminal)
2 Australoprocta f 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Dolichotis patag 0 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
terminal)
2 Cavia aperea 0 --> (012) (wi thi n
terminal)
2 Galea spixii 0 --> (012) (wi thi n
terminal)
2 Perimys intermed 0 --> (012) (wi thi n
terminal)
1 Cuniculus paca-t 0 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out
 2 Eoincamys pascua 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Microsscleromys p 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Scleromys quadra 0 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_149 0 ==> 1 node_148
 2 Drytomomys aequa 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Potamarchus muri 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Chinchilla lanig 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Lagidium viscaci 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eoviscaccia fras 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Scleromys praecu 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Chambi ramys shi p 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eoincamys parvus 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Chambi ramys syl v 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eoincamys val ver 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eoincamys ameghi 0 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_194 0 --> 1 node_162
 2 Draconomys verai 1 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_163 0 ==> 1 Deseadomys aramb
 1         node_165 0 ==> 1 Galileomys euryg
 2 Willidewu estepa 0 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_170 0 ==> 1 Maruchito trilof
 2 Protadelphomys l 0 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_182 0 ==> 1 node_181
 2 Xenodontomys sim 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Neophanomys bi pl 1 --> (012) (w i t h i n
    t e r m i n a l )
 2 Pi thanotomys col 1 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_184 0 ==> 1 Prosti chomys bow
 1         node_188 0 ==> 1 Dudumus rui gomez
 2 Mayomys confl uen 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eosal lamys paul a 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Shapaj amys laboc 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Eobranisamys jav 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Tarapotomys mayo 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Tarapotomys suba 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Cachi yacuy kumme 0 --> (012) (w i t h i n
    t e r m i n a l )
 1         node_208 0 ==> 1 Thryonomys swi nd
 2 Baluchimys barry 0 --> (012) (w i t h i n
    t e r m i n a l )
 2 Archetypomys erl 0 --> (012) (w i t h i n
    t e r m i n a l )
 2         node_219 0 --> 2 Tri bosphenomys m

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Hsearch_Consensus.out

2 Birbalomys sonda 0 --> (012) (wi thi n
termi nal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
1 node_120 1 --> 2 node_119
2 Hodsahi bi a azrae 2 --> (012) (wi thi n
termi nal)
1 node_211 1 --> 2 node_210
2 Phi omys hammudai 2 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 2 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
1 node_204 2 --> 1 node_201
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 1 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
1 node_129 1 ==> 2 Chaetomys subspi
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
1 node_137 1 --> 2 node_136
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
1 node_133 2 --> 1 node_132
1 node_132 1 ==> 0 Galea spi xi i
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
1 Incamys bol i vi an 1 --> (12) (wi thi n termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
1 node_148 1 --> 2 node_145
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
1 node_148 1 --> 0 node_147
1 node_147 0 --> 1 Neoepi bl ema ambr
1 node_152 1 --> 2 node_151
2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

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2 Eoincamys ameghi 1 --> (012) (wi thi n
terminal)
1 node_163 1 ==> 2 Pl atypi ttamys br
1 node_164 1 ==> 0 Acaremys murinus
1 node_165 1 ==> 2 Gal ileomys euryg
2 Willidewu estepa 1 --> (012) (wi thi n
terminal)
1 node_190 1 ==> 2 node_189
1 node_187 2 ==> 1 node_186
1 Spani omys ri pari 1 --> (01) (wi thi n terminal)
1 Proechi mys cuvie 1 --> (12) (wi thi n terminal)
1 node_170 1 ==> 0 Maruchi to tri lof
1 Thri chomys apere 1 --> (12) (wi thi n terminal)
1 node_173 1 --> 2 node_172
1 Makal ata di del ph 2 --> (12) (wi thi n terminal)
1 node_175 1 --> 2 node_174
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
1 node_181 1 --> 2 node_178
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
1 node_180 1 --> 0 node_179
2 Pi thanotomys col 0 --> (012) (wi thi n
terminal)
1 Prosti chomys bow 1 --> (12) (wi thi n terminal)
1 Sti chomys regul a 1 --> (12) (wi thi n terminal)
2 Pl esi acarechi mys 1 --> (012) (wi thi n
terminal)
1 Sal l amys pascual 1 --> (12) (wi thi n terminal)
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
2 Eosal l amys paul a 1 --> (012) (wi thi n
terminal)
2 Shapaj amys l aboc 1 --> (012) (wi thi n
terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
terminal)
2 Eobrani samys j av 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 2 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 2 --> (012) (wi thi n
terminal)
1 node_209 2 --> 1 node_208
1 node_208 1 ==> 0 Paraphi omys pi go
1 Acri tophi omys bo 1 --> (01) (wi thi n terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
terminal)
3 Archetypomys erl 0 --> (0123) (wi thi n
terminal)
3 Bi rbal omys sonda 0 --> (0123) (wi thi n
terminal)
3 Tamquammys di spi 0 --> (0123) (wi thi n
terminal)
3 Chapatti mys wi l s 0 --> (0123) (wi thi n
terminal)
3 Ottomani a proavi 0 --> (0123) (wi thi n
terminal)
3 Bugti mys zafarul 0 --> (0123) (wi thi n
terminal)
3 Hodsahi bi a azrae 0 --> (0123) (wi thi n
terminal)
3 'Wasl amys' atti a 0 --> (0123) (wi thi n
terminal)

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444 (*Devel opment) 0.231

Hsearch_Consensus.out

```

1          node_209 0 --> 1 node_207
3 Phi omys hammudai 1 --> (0123) (wi thi n
    termi nal)
3 Cachi yacuy conta 1 --> (0123) (wi thi n
    termi nal)
3 Eoespi na woodi -E 1 --> (0123) (wi thi n
    termi nal)
3 Canaani mys maqui 1 --> (0123) (wi thi n
    termi nal)
1          node_198 1 ==> 2 node_141
3 Protostei romys m 2 --> (0123) (wi thi n
    termi nal)
2          node_126 2 --> 0 node_124
3 Eostei romys homo 0 --> (0123) (wi thi n
    termi nal)
3 Neostei romys pat 0 --> (0123) (wi thi n
    termi nal)
1          node_126 2 ==> 3 node_125
3 Stei romys detent 2 --> (0123) (wi thi n
    termi nal)
3 Hypsostei romys a 2 --> (0123) (wi thi n
    termi nal)
3 Pal aeostei romys 2 --> (0123) (wi thi n
    termi nal)
1          node_141 2 --> 3 node_140
3 Austral oprocta f 3 --> (0123) (wi thi n
    termi nal)
3 Luantus propheti 3 --> (0123) (wi thi n
    termi nal)
3 Asteromys punctu 3 --> (0123) (wi thi n
    termi nal)
3 Perimys intermed 3 --> (0123) (wi thi n
    termi nal)
3 Neoreomys austra 3 --> (0123) (wi thi n
    termi nal)
3 Brani samys luri b 3 --> (0123) (wi thi n
    termi nal)
2          node_139 3 ==> 1 Dasypsecta
3 Eoi ncamys pascua 1 --> (0123) (wi thi n
    termi nal)
3 Incamys bol i vi an 1 --> (0123) (wi thi n
    termi nal)
3 Mi croscl eromys p 1 --> (0123) (wi thi n
    termi nal)
3 Scl eromys quadra 1 --> (0123) (wi thi n
    termi nal)
3 Scl eromys angust 1 --> (0123) (wi thi n
    termi nal)
3 Drytomomys aequa 1 --> (0123) (wi thi n
    termi nal)
3 Potamarchus muri 1 --> (0123) (wi thi n
    termi nal)
1          node_148 1 --> 2 node_147
3 Neoepi blema ambr 2 --> (0123) (wi thi n
    termi nal)
1          node_146 2 --> 1 Lagi di um vi scaci
1          node_147 2 ==> 3 Lagostomus maxi m
3 Scl eromys osborn 1 --> (0123) (wi thi n
    termi nal)
3 Garri domys curnu 1 --> (0123) (wi thi n
    termi nal)
3 Eovi scacci a fras 1 --> (0123) (wi thi n
    termi nal)
3 Eovi scacci a aust 1 --> (0123) (wi thi n
    termi nal)
3 Scl eromys praecu 1 --> (0123) (wi thi n
    termi nal)
3 Chambi ramys shi p 1 --> (0123) (wi thi n

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Hsearch_Consensus.out

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3 Eoincamys parvus 1 --> terminal
(0123) (within
terminal)
3 Chambi ramys syl v 1 --> (0123) (within
terminal)
3 Eoincamys val ver 1 --> (0123) (within
terminal)
3 Eoincamys ameghi 1 --> (0123) (within
terminal)
1 node_195 1 --> 0 node_194
3 Draconomys verai 0 --> (0123) (within
terminal)
3 Leucokephalos ze 0 --> (0123) (within
terminal)
3 Deseadomys aramb 0 --> (0123) (within
terminal)
3 Acaremys muri nus 0 --> (0123) (within
terminal)
3 Sci amys pri nci pa 0 --> (0123) (within
terminal)
3 Gal ileomys euryg 0 --> (0123) (within
terminal)
3 Will idewu estepa 0 --> (0123) (within
terminal)
3 Prospani omys pri 0 --> (0123) (within
terminal)
3 Spani omys ri pari 0 --> (0123) (within
terminal)
3 Maruchi to tril of 0 --> (0123) (within
terminal)
3 Protadel phomys l 0 --> (0123) (within
terminal)
1 node_181 0 --> 1 node_178
3 Xenodontomys si m 1 --> (0123) (within
terminal)
3 Neophanomys bi pl 1 --> (0123) (within
terminal)
3 Pi thanotomys col 0 --> (0123) (within
terminal)
3 Adel phomys candi 0 --> (0123) (within
terminal)
3 Prosti chomys bow 0 --> (0123) (within
terminal)
3 Sti chomys regul a 0 --> (0123) (within
terminal)
3 Dudumus rui gomez 0 --> (0123) (within
terminal)
3 Pampamys emmonsa 0 --> (0123) (within
terminal)
3 Cavi ocricetus lu 0 --> (0123) (within
terminal)
3 Pl esi acarechi mys 0 --> (0123) (within
terminal)
3 Sal lamys pascual 0 --> (0123) (within
terminal)
3 Mayomys confl uen 1 --> (0123) (within
terminal)
3 Eosal lamys paul a 1 --> (0123) (within
terminal)
3 Shapaj amys laboc 1 --> (0123) (within
terminal)
3 Eobrani samys rom 1 --> (0123) (within
terminal)
3 Eobrani samys jav 1 --> (0123) (within
terminal)
3 Pozomys ucayal ie 1 --> (0123) (within
terminal)
3 Tarapotomys mayo 1 --> (0123) (within

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Hsearch_Consensus.out

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3 Tarapotomys suba 1 --> (0123) (w i t h i n t e r m i n a l )
3 Cachi yacuy kumme 1 --> (0123) (w i t h i n t e r m i n a l )
3 Paraphi omys pi go 0 --> (0123) (w i t h i n t e r m i n a l )
3 Bal uchi mys barry 0 --> (0123) (w i t h i n t e r m i n a l )
445 (Devel opment o) 0.500
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapatti mys wil s 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eostei romys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 Austral oprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 node_136 0 --> 1 node_135
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Peri mys i ntermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 node_147 0 ==> 1 Lagostomus maxi m
1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Wi l l i dewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys si m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Pl esi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosal lamys paul a 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayal ie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
446 (*Depth of the) 0.667
2 Archetypomys erl 0 --> (012) (w i t h i n t e r m i n a l )
2 Tri bosphenomys m 0 --> (012) (w i t h i n t e r m i n a l )
2 Cocomys li gchaen 0 --> (012) (w i t h i n t e r m i n a l )
2 Rei throparamys d 0 --> (012) (w i t h i n t e r m i n a l )
2 Bi rbal omys sonda 0 --> (012) (w i t h i n t e r m i n a l )
2 Tamquammys di spi 0 --> (012) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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2 Chapattimys wilsoni 0 --> terminal)
2 Ottomaniaproavia 0 --> (012) (withinterminal)
2 Bugtimyszafaruli 0 --> (012) (withinterminal)
2 Hodsahibiabazrae 0 --> (012) (withinterminal)
2 'Waslamys'attia 0 --> (012) (withinterminal)
2 Phiomyshammudai 0 --> (012) (withinterminal)
2 Cachiyacuyconta 0 --> (012) (withinterminal)
2 Eoespinawoodi-E 0 --> (012) (withinterminal)
2 Canaanimysmaqui 0 --> (012) (withinterminal)
1 node_198 0 --> 1 node_141
2 Protosteiromysm 1 --> (012) (withinterminal)
2 Eosteiromyshomo 1 --> (012) (withinterminal)
2 Branisamyopsisa 1 --> (012) (withinterminal)
2 Neosteiromyspat 1 --> (012) (withinterminal)
2 Steiromysdetent 1 --> (012) (withinterminal)
2 Hypsosteiromysa 1 --> (012) (withinterminal)
2 Palaeosteiromys 1 --> (012) (withinterminal)
1 node_140 1 --> 2 node_138
2 Australoprocta f 2 --> (012) (withinterminal)
2 Luantuspropheti 2 --> (012) (withinterminal)
2 Asteromyspunctu 2 --> (012) (withinterminal)
2 Perimysintermed 2 --> (012) (withinterminal)
2 Neoreomysaustra 2 --> (012) (withinterminal)
2 Branisamyslurib 2 --> (012) (withinterminal)
2 Dasyprocta 1 --> (012) (withinterminal)
2 Eoincamyspascua 0 --> (012) (withinterminal)
2 Incamysbolivian 0 --> (012) (withinterminal)
2 Microscleromysp 0 --> (012) (withinterminal)
2 Scleromysquadra 0 --> (012) (withinterminal)
2 Scleromysangust 0 --> (012) (withinterminal)
2 Drytomomysaequa 0 --> (012) (withinterminal)
2 Potamarchusmuri 0 --> (012) (withinterminal)
1 node_148 0 --> 1 node_147
2 Neoepiblemaambr 1 --> (012) (withinterminal)
2 Scleromysosborn 0 --> (012) (withinterminal)

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Hsearch_Consensus.out

2 Garridomys curnu 0 --> (012) (with
terminal)
2 Eoviscaccia fras 0 --> (012) (with
terminal)
2 Eoviscaccia aust 0 --> (012) (with
terminal)
2 Scleromys praecu 0 --> (012) (with
terminal)
2 Chambiramys ship 0 --> (012) (with
terminal)
2 Eoincamys parvus 0 --> (012) (with
terminal)
2 Chambiramys sylv 0 --> (012) (with
terminal)
2 Eoincamys valver 0 --> (012) (with
terminal)
2 Eoincamys ameghi 0 --> (012) (with
terminal)
2 Draconomys verai 0 --> (012) (with
terminal)
2 Leucokephalos ze 0 --> (012) (with
terminal)
2 Platypitmys br 0 --> (012) (with
terminal)
2 Deseadomys aramb 0 --> (012) (with
terminal)
2 Acaremys murinus 0 --> (012) (with
terminal)
2 Sciomys principa 0 --> (012) (with
terminal)
2 Galileomys euryg 0 --> (012) (with
terminal)
2 Willidewu estepa 0 --> (012) (with
terminal)
2 Prospaniomyss pri 0 --> (012) (with
terminal)
2 Spaniomyss ripari 0 --> (012) (with
terminal)
2 Myocastor coypus 0 --> (012) (with
terminal)
2 Proechimys cuvie 0 --> (012) (with
terminal)
2 Maruchito trilof 0 --> (012) (with
terminal)
2 Thrichomys apere 0 --> (012) (with
terminal)
2 Echimys chrysuru 0 --> (012) (with
terminal)
2 Makalata delph 0 --> (012) (with
terminal)
2 Protadelphomys l 0 --> (012) (with
terminal)
2 Euryzygomatomys 0 --> (012) (with
terminal)
2 Mesocapromys/Mys 0 --> (012) (with
terminal)
2 Xenodontomys sim 0 --> (012) (with
terminal)
2 Neophanomys bip 0 --> (012) (with
terminal)
2 Pithanotomys col 0 --> (012) (with
terminal)
2 Octodon degus 0 --> (012) (with
terminal)
2 Spalacopus cyanu 0 --> (012) (with
terminal)
2 Adelphomys candi 0 --> (012) (with
terminal)

Hsearch_Consensus.out

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2 Prosti chomys bow 0 --> (012) (wi thi n
   terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
   terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
   terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
   terminal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
   terminal)
2 Ple siacarechi mys 0 --> (012) (wi thi n
   terminal)
2 Sal lamys pascual 0 --> (012) (wi thi n
   terminal)
2 Mayomys confl uen 0 --> (012) (wi thi n
   terminal)
2 Eosal lamys paul a 0 --> (012) (wi thi n
   terminal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
   terminal)
2 Eobrani samys rom 0 --> (012) (wi thi n
   terminal)
2 Eobrani samys jav 0 --> (012) (wi thi n
   terminal)
2 Pozomys ucayal ie 0 --> (012) (wi thi n
   terminal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
   terminal)
2 Tarapotomys suba 0 --> (012) (wi thi n
   terminal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
   terminal)
2 Thryonomys swi nd 0 --> (012) (wi thi n
   terminal)
2 Paraphi omys pi go 0 --> (012) (wi thi n
   terminal)
2 Metaphi omys scha 0 --> (012) (wi thi n
   terminal)
2 Acri tophi omys bo 0 --> (012) (wi thi n
   terminal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
   terminal)
447 (Coronoid proc) 0.500
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protoste iromys m 0 --> (01) (wi thi n termi nal)
1 Eoste iromys homo 0 --> (01) (wi thi n termi nal)
1 Neoste iromys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 node_130 0 --> 1 node_129
1 Hypsoste iromys a 1 --> (01) (wi thi n termi nal)
1 Pal aeoste iromys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 node_148 0 --> 1 node_145
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)

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448 (Height of the) 0.143

Hsearch_Consensus.out

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1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 ==> 0 Erethizon dorsat
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 node_131 1 ==> 0 Dolichotis patag
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branic ki 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 node_192 1 --> 0 node_167
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

449 (Condyl oid apo) 0.667

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1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 node_141 0 ==> 1 node_140
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 --> 1 node_142
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 450 (Length of the) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Bir bal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Stei romys detent 0 --> (01) (wi thi n termi nal)
 1 node_130 0 --> 1 node_129
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 node_139 0 ==> 1 Dasypsecta
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

```

1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 0 --> (01) (wi thi n termi nal)
1 Eobranis amys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 node_126 1 --> 0 node_124
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Branis amys luri b 1 --> (01) (wi thi n termi nal)
1 node_139 1 ==> 0 Dasyprocta
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)

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451 (*Posterior ex) 0.200

Hsearch_Consensus.out

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1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 node_173 1 --> 0 node_171
1 node_169 0 --> 1 node_168
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
452 (*Dorsoventral) 0.222
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tribosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
2 Bugtimys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahibi a azrae 0 --> (012) (wi thi n

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Hsearch_Consensus.out

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terminal)
2 'Waslamys' attia 0 --> (012) (with in
terminal)
2 Phiomys hammudai 0 --> (012) (with in
terminal)
2 Cachi yacuy conta 0 --> (012) (with in
terminal)
2 Eoespina woodi -E 0 --> (012) (with in
terminal)
2 Canaanimys maqui 0 --> (012) (with in
terminal)
2 Protosteiromys m 0 --> (012) (with in
terminal)
1 node_126 0 --> 1 node_124
2 Eosteiromys homo 1 --> (012) (with in
terminal)
2 Neosteiromys pat 1 --> (012) (with in
terminal)
2 Steiromys detent 0 --> (012) (with in
terminal)
2 Hypsosteiromys a 0 --> (012) (with in
terminal)
2 Palaeosteiromys 0 --> (012) (with in
terminal)
2 node_141 0 --> 2 node_140
2 Australoprocta f 2 --> (012) (with in
terminal)
2 Luantus propheti 2 --> (012) (with in
terminal)
2 Asteromys punctu 2 --> (012) (with in
terminal)
1 node_131 2 --> 1 Dolichotis patag
2 Perimys intermed 2 --> (012) (with in
terminal)
2 Neoreomys austra 2 --> (012) (with in
terminal)
2 Brani samys luri b 2 --> (012) (with in
terminal)
2 node_139 2 --> 0 Dasyprocta
2 Eoincamys pascua 0 --> (012) (with in
terminal)
2 Incamys bolivian 0 --> (012) (with in
terminal)
2 Micromys quadra 0 --> (012) (with in
terminal)
2 Scleromys quadra 0 --> (012) (with in
terminal)
2 Scleromys angust 0 --> (012) (with in
terminal)
2 Drytomomys aequa 0 --> (012) (with in
terminal)
2 Potamarchus muri 0 --> (012) (with in
terminal)
2 Neoeplema ambr 0 --> (012) (with in
terminal)
1 node_147 0 ==> 1 Lagostomus maxi m
2 Scleromys osborn 0 --> (012) (with in
terminal)
2 Garri domys curnu 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys shi p 0 --> (012) (with in
terminal)

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Hsearch_Consensus.out

2 Eoincamys parvus 0 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys syl v 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys val ver 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoincamys ameghi 0 --> (012) (w i t h i n
t e r m i n a l)
2 Draconomys verai 0 --> (012) (w i t h i n
t e r m i n a l)
2 Leucokephal os ze 0 --> (012) (w i t h i n
t e r m i n a l)
2 Deseadomys aramb 0 --> (012) (w i t h i n
t e r m i n a l)
2 Acaremys muri nus 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Gal i leomys euryg 0 --> (012) (w i t h i n
t e r m i n a l)
2 Wi l l i dewu estepa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Prospani omys pri 0 --> (012) (w i t h i n
t e r m i n a l)
1 node_169 0 --> 1 node_168
2 Spani omys ri pari 1 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchi to tri l of 0 --> (012) (w i t h i n
t e r m i n a l)
1 node_172 0 ==> 1 Echi mys chrysuru
2 Protadel phomys l 0 --> (012) (w i t h i n
t e r m i n a l)
2 Xenodontomys si m 0 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 0 --> (012) (w i t h i n
t e r m i n a l)
2 Adel phomys candi 0 --> (012) (w i t h i n
t e r m i n a l)
2 Prosti chomys bow 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sti chomys regul a 0 --> (012) (w i t h i n
t e r m i n a l)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pampamys emmonsa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Cavi ocricetus l u 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pl esi acarechi mys 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sal l amys pascual 0 --> (012) (w i t h i n
t e r m i n a l)
2 Mayomys confl uen 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eosal l amys paul a 0 --> (012) (w i t h i n
t e r m i n a l)
2 Shapaj amys l aboc 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys rom 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys j av 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pozomys ucayal i e 0 --> (012) (w i t h i n
t e r m i n a l)
2 Tarapotomys mayo 0 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)

2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal)

2 Paraphi omys pi go 0 --> (012) (wi thi n
termi nal)

2 Metaphi omys scha 0 --> (012) (wi thi n
termi nal)

2 Acri tophi omys bo 0 --> (012) (wi thi n
termi nal)

2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)

453 (Al veol ar prot) 0.333

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)

1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)

1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)

1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)

1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)

1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)

1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)

1 Protostei romys m 0 --> (01) (wi thi n termi nal)

1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

1 Stei romys detent 0 --> (01) (wi thi n termi nal)

1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)

1 Austral oprocta f 0 --> (01) (wi thi n termi nal)

1 node_136 0 --> 1 node_135

1 Asteromys punctu 1 --> (01) (wi thi n termi nal)

1 node_131 1 --> 0 Hydrochoerus hyd

1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)

1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)

1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)

1 Potamarchus muri 0 --> (01) (wi thi n termi nal)

1 node_145 0 ==> 1 Di nomys brani cki

1 Neoepi bl ema ambr 0 --> (01) (wi thi n termi nal)

1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)

1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)

1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)

1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)

1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)

1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)

1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)

1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)

1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)

1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)

1 Protadel phomys l 0 --> (01) (wi thi n termi nal)

1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)

1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)

1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)

1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)

1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)

1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)

1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)

1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)

1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)

1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)

1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)

1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)

1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)

454 (Anterior proj) 0.111

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)

1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)

1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)

1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)

1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Hodsahibia azrae 0 --> (01) (with terminal)
1 'Waslamys' attia 0 --> (01) (with terminal)
1 Phiomys hammudai 0 --> (01) (with terminal)
1 Cachiycuy conta 0 --> (01) (with terminal)
1 Eoespina woodi -E 0 --> (01) (with terminal)
1 Canaanimys maqui 0 --> (01) (with terminal)
1 Protosteioromys m 0 --> (01) (with terminal)
1 Brani samyopsis a 0 --> (01) (with terminal)
1 Neosteioromys pat 0 --> (01) (with terminal)
1 Steioromys detent 0 --> (01) (with terminal)
1 Palaeosteioromys 0 --> (01) (with terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (with terminal)
1 Luantus propheti 1 --> (01) (with terminal)
1 Asteromys punctu 1 --> (01) (with terminal)
1 node_133 1 --> 0 node_131
1 Perimys intermed 1 --> (01) (with terminal)
1 Neoreomys austra 1 --> (01) (with terminal)
1 Brani samys luri b 1 --> (01) (with terminal)
1 Eoincamys pascua 0 --> (01) (with terminal)
1 Microscleromys p 0 --> (01) (with terminal)
1 Scleromys quadra 0 --> (01) (with terminal)
1 Scleromys angust 0 --> (01) (with terminal)
1 Drytomomys aequa 0 --> (01) (with terminal)
1 Potamarchus muri 0 --> (01) (with terminal)
1 Neoeplema ambr 0 --> (01) (with terminal)
1 node_146 0 ==> 1 Chinchilla lanig
1 Garri domys curnu 0 --> (01) (with terminal)
1 Eoviscaccia fras 0 --> (01) (with terminal)
1 Eoviscaccia aust 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> (01) (with terminal)
1 Chambi ramys ship 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Chambi ramys sylv 0 --> (01) (with terminal)
1 Eoincamys valver 0 --> (01) (with terminal)
1 Eoincamys ameghi 0 --> (01) (with terminal)
1 Draconomys verai 0 --> (01) (with terminal)
1 Leucokephalos ze 0 --> (01) (with terminal)
1 Deseadomys aramb 0 --> (01) (with terminal)
1 Acaremys murinus 0 --> (01) (with terminal)
1 Sci amys principa 0 --> (01) (with terminal)
1 Galileomys euryg 0 --> (01) (with terminal)
1 Willidewu estepa 0 --> (01) (with terminal)
1 node_192 0 --> 1 node_191
1 node_168 1 ==> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (with terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (with terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Neophanomys bipl 0 --> (01) (with terminal)
1 node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (with terminal)
1 Abrocoma bennett 1 --> (01) (with terminal)
1 Adelphomys candi 1 --> (01) (with terminal)
1 Prostichomys bow 1 --> (01) (with terminal)
1 Stichomys regula 1 --> (01) (with terminal)
1 Dudumus rui gomez 1 --> (01) (with terminal)
1 Pampamys emmonsa 1 --> (01) (with terminal)
1 Caviocricetus lu 1 --> (01) (with terminal)
1 Plesi carechi mys 1 --> (01) (with terminal)
1 Sallamys pascual 0 --> (01) (with terminal)
1 Mayomys confluen 0 --> (01) (with terminal)
1 Eosallamys paula 0 --> (01) (with terminal)
1 Shapajamys laboc 0 --> (01) (with terminal)
1 Eobrani samys rom 0 --> (01) (with terminal)
1 Eobrani samys jav 0 --> (01) (with terminal)
1 Pozomys ucayalie 0 --> (01) (with terminal)

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Hsearch_Consensus.out

1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 node_209 0 ==> 1 node_208
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 455 (*Devel opment) 0. 286
 2 Archetypomys erl 1 --> (012) (wi thi n termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n termi nal)
 2 Reithroparamys d 1 --> (012) (wi thi n termi nal)
 2 Birbal omys sonda 1 --> (012) (wi thi n termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n termi nal)
 2 Bugtimys zafarul 1 --> (012) (wi thi n termi nal)
 2 Hodsahibi a azrae 1 --> (012) (wi thi n termi nal)
 2 'Wasl amys' attia 1 --> (012) (wi thi n termi nal)
 2 Phi omys hammudai 1 --> (012) (wi thi n termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n termi nal)
 2 Eostei romys homo 1 --> (012) (wi thi n termi nal)
 2 Brani samyopsi s a 1 --> (012) (wi thi n termi nal)
 2 Neostei romys pat 1 --> (012) (wi thi n termi nal)
 2 Erethi zon dorsat 1 --> (012) (wi thi n termi nal)
 2 Coendou prehensi 1 --> (012) (wi thi n termi nal)
 2 Stei romys detent 1 --> (012) (wi thi n termi nal)
 2 Hypsostei romys a 1 --> (012) (wi thi n termi nal)
 2 Chaetomys subspi 1 --> (012) (wi thi n termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n termi nal)
 2 Austral oprocta f 1 --> (012) (wi thi n termi nal)
 2 Luantus propheti 1 --> (012) (wi thi n termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 1 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n termi nal)
 1 node_132 1 ==> 0 Galea spi xi i

Hsearch_Consensus.out

```

2 Perimys intermed 1 --> (012) (w i t h i n
  t e r m i n a l )
2 Neoreomys austra 1 --> (012) (w i t h i n
  t e r m i n a l )
2 Brani samys luri b 1 --> (012) (w i t h i n
  t e r m i n a l )
1           node_140 1 ==> 2 node_139
1           node_198 1 --> 0 node_197
2 Eoi ncamys pascua 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Incamys bol i vi an 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Mi croscl eromys p 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Scl eromys quadra 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Scl eromys angust 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Drytomomys aequa 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Potamarchus muri 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Di nomys brani cki 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Neoepi bl ema ambr 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Lagi di um vi scaci 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Lagostomus maxi m 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Scl eromys osborn 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Garri domys curnu 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Eovi scacci a fras 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Eovi scacci a aust 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Scl eromys praecu 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Chambi ramys shi p 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Eoi ncamys parvus 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Chambi ramys syl v 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Eoi ncamys val ver 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Eoi ncamys ameghi 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Draconomys verai 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Leucokephal os ze 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Pl atypi ttamys br 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Deseadomys aramb 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Acaremys muri nus 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Gal i leomys euryg 0 --> (012) (w i t h i n
  t e r m i n a l )
2 Wi l l i dewu estepa 0 --> (012) (w i t h i n
  t e r m i n a l )
1           node_182 0 ==> 1 node_176
1           node_169 1 --> 0 node_168

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Hsearch_Consensus.out

```
2 Myocastor coypus 0 --> (012) (wi thi n
  terminal)
1 node_169 1 ==> 2 Proechi mys cuvi e
2 Maruchi to tril of 1 --> (012) (wi thi n
  terminal)
1 node_172 1 ==> 2 Makal ata di del ph
2 Protadel phomys l 1 --> (012) (wi thi n
  terminal)
2 Euryzygomatomys 1 --> (012) (wi thi n
  terminal)
2 Xenodontomys sim 0 --> (012) (wi thi n
  terminal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
  terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
  terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
  terminal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
  terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
  terminal)
2 Adel phomys candi 0 --> (012) (wi thi n
  terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
  terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
  terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
  terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
  terminal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
  terminal)
2 Pl esi acarechi mys 0 --> (012) (wi thi n
  terminal)
2 Sal l amys pascual 0 --> (012) (wi thi n
  terminal)
2 Mayomys confl uen 0 --> (012) (wi thi n
  terminal)
2 Eosal l amys paul a 0 --> (012) (wi thi n
  terminal)
2 Shapaj amys laboc 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys j av 1 --> (012) (wi thi n
  terminal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
  terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
  terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
  terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n
  terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
  terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
  terminal)
456 (Length of the) 0.167
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
1 node_218 0 --> 1 node_217
1 Bi rbal omys sonda 1 --> (01) (wi thi n terminal)
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Hsearch_Consensus.out

```

1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wil s 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_127 1 --> 0 node_126
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 node_139 1 ==> 0 Cuni culus paca-t
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 node_145 1 --> 0 node_144
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Pozomys ucayalie 1 --> (01) (wi thi n terminal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n terminal)
 1 Tarapotomys suba 1 --> (01) (wi thi n terminal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n terminal)
 1 Metaphi omys scha 1 --> (01) (wi thi n terminal)
 1 Acritophi omys bo 1 --> (01) (wi thi n terminal)
 1 Baluchi mys barry 1 --> (01) (wi thi n terminal)
 457 (*Length of th) 0.154
 2 Archetypomys erl 1 --> (012) (wi thi n terminal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n terminal)
 2 Birbal omys sonda 1 --> (012) (wi thi n terminal)
 2 Tamquammys di spi 1 --> (012) (wi thi n terminal)
 2 Chapattimys wi ls 1 --> (012) (wi thi n terminal)
 2 Ottomani a proavi 1 --> (012) (wi thi n terminal)
 2 Bugti mys zafarul 1 --> (012) (wi thi n terminal)
 2 Hodsahi bi a azrae 1 --> (012) (wi thi n terminal)
 2 'Wasl amys' atti a 1 --> (012) (wi thi n terminal)
 2 Phi omys hammudai 1 --> (012) (wi thi n terminal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n terminal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n terminal)
 2 Canaani mys maqui 1 --> (012) (wi thi n terminal)
 1 node_198 1 ==> 2 node_141
 2 Protostei romys m 2 --> (012) (wi thi n terminal)
 1 node_126 2 --> 1 node_124
 2 Brani samyopsi s a 1 --> (012) (wi thi n terminal)
 2 Neostei romys pat 1 --> (012) (wi thi n terminal)
 2 Pal aeostei romys 2 --> (012) (wi thi n terminal)
 1 node_138 2 ==> 1 node_137
 2 Austral oprocta f 1 --> (012) (wi thi n terminal)
 2 Luantus propheti 1 --> (012) (wi thi n terminal)
 2 Asteromys punctu 1 --> (012) (wi thi n terminal)
 1 node_133 1 ==> 0 node_131
 1 node_132 1 ==> 2 Cavi a aperea
 2 Peri mys intermed 1 --> (012) (wi thi n terminal)
 2 Eoi ncamys pascua 1 --> (012) (wi thi n terminal)
 2 Incamys bol i vi an 1 --> (012) (wi thi n terminal)
 2 Mi croscl eromys p 1 --> (012) (wi thi n terminal)
 2 Scl eromys quadra 1 --> (012) (wi thi n terminal)
 2 Scl eromys angust 1 --> (012) (wi thi n terminal)
 1 node_148 1 ==> 2 node_145
 2 Potamarchus muri 2 --> (012) (wi thi n terminal)
 1 node_147 1 ==> 2 Neoepi bl ema ambr

Hsearch_Consensus.out

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1          node_147 1 ==> 0 node_146
2 Scleromys osborn 1 --> (012) (w i t h i n
    terminal)
2 Garri domys curnu 1 --> (012) (w i t h i n
    terminal)
2 Eovi scaccia fras 1 --> (012) (w i t h i n
    terminal)
2 Eovi scaccia aust 1 --> (012) (w i t h i n
    terminal)
2 Scleromys praecu 1 --> (012) (w i t h i n
    terminal)
2 Chambi ramys shi p 1 --> (012) (w i t h i n
    terminal)
2 Eoi ncamys parvus 1 --> (012) (w i t h i n
    terminal)
2 Chambi ramys syl v 1 --> (012) (w i t h i n
    terminal)
2 Eoi ncamys val ver 1 --> (012) (w i t h i n
    terminal)
2 Eoi ncamys ameghi 1 --> (012) (w i t h i n
    terminal)
2 Draconomys verai 1 --> (012) (w i t h i n
    terminal)
2 Leucokephal os ze 1 --> (012) (w i t h i n
    terminal)
2 Pl atypi ttamys br 1 --> (012) (w i t h i n
    terminal)
2 Deseadomys aramb 1 --> (012) (w i t h i n
    terminal)
2 Sci amys pri nci pa 1 --> (012) (w i t h i n
    terminal)
2 Gal ileomys euryg 1 --> (012) (w i t h i n
    terminal)
2 Wi lli dewu estepa 1 --> (012) (w i t h i n
    terminal)
2 Prospani omys pri 1 --> (012) (w i t h i n
    terminal)
2 Maruchi to tril of 1 --> (012) (w i t h i n
    terminal)
1          node_171 1 ==> 0 Thri chomys apere
1          node_173 1 ==> 2 node_172
1          node_174 1 ==> 2 Euryzygomatomys
1          node_182 1 --> 2 node_181
1          node_177 2 --> 1 Xenodontomys sim
2 Neophanomys bi pl 2 --> (012) (w i t h i n
    terminal)
2 Pi thanotomys col 2 --> (012) (w i t h i n
    terminal)
2 Abrocoma bennett 1 --> (012) (w i t h i n
    terminal)
2 Adel phomys candi 1 --> (012) (w i t h i n
    terminal)
2 Prosti chomys bow 1 --> (012) (w i t h i n
    terminal)
2 Sti chomys regul a 1 --> (012) (w i t h i n
    terminal)
2 Dudumus rui gomez 1 --> (012) (w i t h i n
    terminal)
2 Pampamys emmonsa 1 --> (012) (w i t h i n
    terminal)
2 Cavi ocricetus lu 1 --> (012) (w i t h i n
    terminal)
2 Pl esi acarechi mys 1 --> (012) (w i t h i n
    terminal)
2 Mayomys confl uen 1 --> (012) (w i t h i n
    terminal)
2 Eosal lamys paul a 1 --> (012) (w i t h i n
    terminal)

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Hsearch_Consensus.out

```
2 Shapaj amys laboc 1 --> (012) (wi thi n
termi nal )
2 Eobrani samys rom 1 --> (012) (wi thi n
termi nal )
2 Eobrani samys jav 1 --> (012) (wi thi n
termi nal )
2 Pozomys ucayal ie 1 --> (012) (wi thi n
termi nal )
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal )
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal )
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal )
2 Paraphi omys pi go 1 --> (012) (wi thi n
termi nal )
2 Metaphi omys scha 1 --> (012) (wi thi n
termi nal )
2 Acri tophi omys bo 1 --> (012) (wi thi n
termi nal )
2 Bal uchi mys barry 1 --> (012) (wi thi n
termi nal )
458 (*Shape of the) 0.143 2 Archetypomys erl 2 --> (012) (wi thi n
termi nal )
2 Tri bosphenomys m 2 --> (012) (wi thi n
termi nal )
2 Bi rbal omys sonda 2 --> (012) (wi thi n
termi nal )
2 Tamquammys di spi 2 --> (012) (wi thi n
termi nal )
2 Chapatti mys wi ls 2 --> (012) (wi thi n
termi nal )
2 Ottomani a proavi 2 --> (012) (wi thi n
termi nal )
2 Bugti mys zafarul 2 --> (012) (wi thi n
termi nal )
2 Hodsahi bi a azrae 2 --> (012) (wi thi n
termi nal )
2 'Wasl amys' atti a 2 --> (012) (wi thi n
termi nal )
2 Phi omys hammudai 2 --> (012) (wi thi n
termi nal )
2 Cachi yacuy conta 2 --> (012) (wi thi n
termi nal )
2 Eoespi na woodi -E 2 --> (012) (wi thi n
termi nal )
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal )
2 Protostei romys m 2 --> (012) (wi thi n
termi nal )
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal )
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal )
1 node_126 2 ==> 1 node_125
1 node_125 1 ==> 0 Erethi zon dorsat
2 node_129 2 ==> 0 Chaetomys subspi
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal )
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal )
1 node_137 2 --> 1 node_136
2 Luantus propheti 1 --> (012) (wi thi n
termi nal )
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal )
1 node_131 1 --> 2 Hydrochoerus hyd
2 Peri mys intermed 1 --> (012) (wi thi n
```

Hsearch_Consensus.out

```

1          node_139 2 ==> terminal)
2 Eoincamys pascua 2 --> 1 Cuniculus paca-t
                        (012) (wi thin
                        terminal)
2 Incamys bolivian 2 --> (012) (wi thin
                        terminal)
2 Microscleromys p 2 --> (012) (wi thin
                        terminal)
2 Scleromys quadra 2 --> (012) (wi thin
                        terminal)
2 Scleromys angust 2 --> (012) (wi thin
                        terminal)
2 Potamarchus muri 2 --> (012) (wi thin
                        terminal)
1          node_147 2 ==> 1 Lagostomus maxi m
2 Scleromys osborn 2 --> (012) (wi thin
                        terminal)
2 Garri domys curnu 2 --> (012) (wi thin
                        terminal)
2 Eoviscaccia fras 2 --> (012) (wi thin
                        terminal)
2 Eoviscaccia aust 2 --> (012) (wi thin
                        terminal)
2 Scleromys praecu 2 --> (012) (wi thin
                        terminal)
2 Chambi ramys shi p 2 --> (012) (wi thin
                        terminal)
2 Eoincamys parvus 2 --> (012) (wi thin
                        terminal)
2 Chambi ramys syl v 2 --> (012) (wi thin
                        terminal)
2 Eoincamys val ver 2 --> (012) (wi thin
                        terminal)
2 Eoincamys ameghi 2 --> (012) (wi thin
                        terminal)
2 Draconomys verai 2 --> (012) (wi thin
                        terminal)
2 Leucokephalos ze 2 --> (012) (wi thin
                        terminal)
2 Platypittamys br 2 --> (012) (wi thin
                        terminal)
2 Deseadomys aramb 2 --> (012) (wi thin
                        terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thin
                        terminal)
2 Galileomys euryg 2 --> (012) (wi thin
                        terminal)
2 Willidewu estepa 2 --> (012) (wi thin
                        terminal)
1          node_192 2 --> 1 node_191
2 Prospani omys pri 1 --> (012) (wi thin
                        terminal)
1          node_169 1 --> 2 node_168
2 Spani omys ri pari 2 --> (012) (wi thin
                        terminal)
2 Maruchi to tril of 1 --> (012) (wi thin
                        terminal)
1          node_171 1 ==> 0 Thrichomys apere
1          node_172 1 --> 2 Makalata didelph
1          node_175 1 --> 2 Mesocapromys/Mys
1          node_181 1 --> 2 node_178
2 Neophanomys bi pl 2 --> (012) (wi thin
                        terminal)
2 Pi thanotomys col 1 --> (012) (wi thin
                        terminal)
2 Abrocoma bennett 1 --> (012) (wi thin
                        terminal)
2 Adelphomys candi 1 --> (012) (wi thin

```

Hsearch_Consensus.out

			terminal)
2	Prostichomys bow	1 -->	(012) (with in terminal)
2	Stichomys regula	1 -->	(012) (with in terminal)
2	Dudumus rui gomez	1 -->	(012) (with in terminal)
2	Pampamys emmonsa	1 -->	(012) (with in terminal)
2	Caviocricetus lu	1 -->	(012) (with in terminal)
2	Plesiacaechimys	1 -->	(012) (with in terminal)
2	Sallamys pascual	2 -->	(012) (with in terminal)
2	Mayomys confluen	2 -->	(012) (with in terminal)
2	Eosallamys paula	2 -->	(012) (with in terminal)
2	Shapamys laboc	2 -->	(012) (with in terminal)
2	Eobranchimys rom	2 -->	(012) (with in terminal)
2	Eobranchimys jav	2 -->	(012) (with in terminal)
2	Pozomys ucayal	2 -->	(012) (with in terminal)
2	Tarapotomys mayo	2 -->	(012) (with in terminal)
2	Tarapotomys suba	2 -->	(012) (with in terminal)
2	Cachiyacuy kumme	2 -->	(012) (with in terminal)
2	Paraphimys pi go	2 -->	(012) (with in terminal)
2	Metaphimys scha	2 -->	(012) (with in terminal)
2	Acritophimys bo	2 -->	(012) (with in terminal)
2	Baluchimys barry	2 -->	(012) (with in terminal)
459 (*Palatal ridge) 0.500	2	Archetypomys erl	0 --> (012) (with in terminal)
	2	Tribosphenomys m	0 --> (012) (with in terminal)
	2	Birbalomys sonda	0 --> (012) (with in terminal)
	2	Tamquammys di spi	0 --> (012) (with in terminal)
	2	Chapattimys wils	0 --> (012) (with in terminal)
	2	Ottomaniaproavi	0 --> (012) (with in terminal)
	2	Bugtimys zafarul	0 --> (012) (with in terminal)
	2	Hodsahibia azrae	0 --> (012) (with in terminal)
	2	'Waslamys' attia	0 --> (012) (with in terminal)
	2	Phimys hammudai	0 --> (012) (with in terminal)
	2	Cachiyacuy conta	0 --> (012) (with in terminal)
	2	Eoespina woodi -E	0 --> (012) (with in terminal)
	2	Canaanimys maqui	0 --> (012) (with in terminal)
	2	Protosteiromys m	0 --> (012) (with in terminal)

Hsearch_Consensus.out

```

1          node_126 0 ==> 1 terminal)
2 Brani samyopsis a 1 --> (012) (wi thi n
terminal)
2 Stei romys detent 0 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 0 --> (012) (wi thi n
terminal)
2 Austral oprocta f 0 --> (012) (wi thi n
terminal)
2 Luantus propheti 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
terminal)
2          node_139 0 ==> 2 Cuni cul us paca-t
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
1          node_146 0 ==> 1 Lagi di um vi scaci
2 Scl eromys osborn 0 --> (012) (wi thi n
terminal)
2 Garri domys curnu 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
2 Draconomys verai 0 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 0 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 0 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 0 --> (012) (wi thi n
terminal)
2 Prospani omys pri 0 --> (012) (wi thi n
terminal)
2 Maruchi to tri lof 0 --> (012) (wi thi n
terminal)

```

Hsearch_Consensus.out

```

2 Neophanomys bipl 0 --> (012) (wi thi n
termi nal )
2 Pi thanotomys col 0 --> (012) (wi thi n
termi nal )
2 Abrocoma bennett 0 --> (012) (wi thi n
termi nal )
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal )
2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal )
2 Sti chomys regul a 0 --> (012) (wi thi n
termi nal )
2 Dudumus rui gomez 0 --> (012) (wi thi n
termi nal )
2 Pampamys emmonsa 0 --> (012) (wi thi n
termi nal )
2 Cavi ocricetus lu 0 --> (012) (wi thi n
termi nal )
2 Pl esi acarechi mys 0 --> (012) (wi thi n
termi nal )
2 Sal lamys pascual 0 --> (012) (wi thi n
termi nal )
2 Mayomys confl uen 0 --> (012) (wi thi n
termi nal )
2 Eosal lamys paul a 0 --> (012) (wi thi n
termi nal )
2 Shapaj amys laboc 0 --> (012) (wi thi n
termi nal )
2 Eobrani samys rom 0 --> (012) (wi thi n
termi nal )
2 Eobrani samys jav 0 --> (012) (wi thi n
termi nal )
2 Pozomys ucayal ie 0 --> (012) (wi thi n
termi nal )
2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal )
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal )
2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal )
2 Paraphi omys pi go 0 --> (012) (wi thi n
termi nal )
2 Metaphi omys scha 0 --> (012) (wi thi n
termi nal )
2 Acri tophi omys bo 0 --> (012) (wi thi n
termi nal )
2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal )
460 (Margins of th) 0.250
1 node_218 0 --> 2 Cocomys ligchaen
1 node_217 0 --> 1 node_118
1 node_126 0 --> 2 node_125
1 node_130 0 --> 2 node_129
1 node_137 0 --> 1 node_136
1 node_131 1 --> 0 Hydrochoerus hyd
1 node_139 0 ==> 1 Dasyprocta
1 node_175 0 ==> 1 Mesocapromys/Mys
461 (*Length of th) 0.118
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal )
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal )
1 node_218 1 --> 2 node_217
2 Bi rbal omys sonda 2 --> (012) (wi thi n
termi nal )
2 Tamquammys di spi 2 --> (012) (wi thi n
termi nal )
2 Chapatti mys wi ls 2 --> (012) (wi thi n
termi nal )
2 Ottomani a proavi 2 --> (012) (wi thi n

```

Hsearch_Consensus.out

```

2 Bugtmys zafarul 2 --> terminal)
2 Hodsahebi a azrae 2 --> (012) (with in
terminal)
2 'Waslamys' attia 2 --> (012) (with in
terminal)
2 node_209 2 --> 0 node_207
2 Phiomys hammudai 0 --> (012) (with in
terminal)
2 Cachi yacuy conta 0 --> (012) (with in
terminal)
2 Eoespina woodi -E 0 --> (012) (with in
terminal)
2 Canaanimys maqui 0 --> (012) (with in
terminal)
2 Protosteiromys m 0 --> (012) (with in
terminal)
2 Eosteiromys homo 0 --> (012) (with in
terminal)
2 Brani samyopsis a 0 --> (012) (with in
terminal)
2 node_129 0 ==> 2 Hypsosteiromys a
2 Palaeosteiromys 0 --> (012) (with in
terminal)
2 node_140 0 ==> 2 node_138
2 Australoprocta f 2 --> (012) (with in
terminal)
1 node_137 2 --> 1 node_136
2 Luantus propheti 1 --> (012) (with in
terminal)
2 Asteromys punctu 1 --> (012) (with in
terminal)
1 node_131 1 ==> 0 Dolichotis patag
1 node_131 1 --> 2 Hydrochoerus hyd
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermed 1 --> (012) (with in
terminal)
2 Eoincamys pascua 0 --> (012) (with in
terminal)
2 node_154 0 --> 2 node_142
2 Microscleromys p 2 --> (012) (with in
terminal)
2 Scleromys quadra 0 --> (012) (with in
terminal)
2 Scleromys angust 0 --> (012) (with in
terminal)
2 node_148 0 ==> 2 node_145
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Garri domys curnu 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys ship 0 --> (012) (with in
terminal)
2 Eoincamys parvus 0 --> (012) (with in
terminal)
2 Chambi ramys sylv 0 --> (012) (with in
terminal)
2 Eoincamys valver 0 --> (012) (with in
terminal)
2 Eoincamys ameghi 0 --> (012) (with in
terminal)

```

Hsearch_Consensus.out

```
2 Draconomys verai 0 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 0 --> (012) (wi thi n
termi nal)
2 Deseadomys aramb 0 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
termi nal)
2 Gal ileomys euryg 0 --> (012) (wi thi n
termi nal)
2 Maruchi to tri lof 0 --> (012) (wi thi n
termi nal)
2          node_173 0 ==> 2 node_172
2 Neophanomys bi pl 0 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 0 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 0 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
termi nal)
2 Pl esi acarechi mys 0 --> (012) (wi thi n
termi nal)
2 Mayomys confl uen 0 --> (012) (wi thi n
termi nal)
2 Eosal lamys paul a 0 --> (012) (wi thi n
termi nal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys jav 0 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal)
2 Metaphi omys scha 2 --> (012) (wi thi n
termi nal)
2 Acri tophi omys bo 2 --> (012) (wi thi n
termi nal)
2 Bal uchi mys barry 2 --> (012) (wi thi n
termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
1          node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
```

462 (*Posterior ex) 0.154

Hsearch_Consensus.out

2 Bugti mys zafarul 1 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' attia 1 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1 node_126 1 --> 0 node_124
2 Eostei romys homo 0 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
1 node_141 1 --> 0 node_140
1 node_138 0 --> 1 node_137
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_131 1 ==> 2 Hydrochoerus hyd
1 node_132 1 ==> 2 Cavi a aperea
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
1 node_154 1 --> 0 node_142
2 Mi croscl eromys p 0 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
1 node_147 1 ==> 2 Neoepi bl ema ambr
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n

Hsearch_Consensus.out

```

2 Eoincamys ameghi 1 --> terminal)
2 Draconomys verai 1 --> (012) (with in
terminal)
2 Leucokephalos ze 1 --> (012) (with in
terminal)
1 node_192 1 --> 0 node_167
2 Platyptamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Sciomyx principa 0 --> (012) (with in
terminal)
2 Galileomys euryg 0 --> (012) (with in
terminal)
2 Willidewu estepa 0 --> (012) (with in
terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchito trilof 1 --> (012) (with in
terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Mesocapromys/Mys 1 --> (012) (with in
terminal)
2 Xenodontomys sim 1 --> (012) (with in
terminal)
2 Neophanomys bipl 1 --> (012) (with in
terminal)
1 node_179 1 ==> 0 Octodon degus
2 Abrocoma bennett 1 --> (012) (with in
terminal)
2 Adelphomys candi 1 --> (012) (with in
terminal)
2 Prosthichomys bow 1 --> (012) (with in
terminal)
2 Stichomys regula 1 --> (012) (with in
terminal)
2 Dudumus rui gomez 1 --> (012) (with in
terminal)
2 Pampamys emmonsa 1 --> (012) (with in
terminal)
2 Caviocricetus lu 1 --> (012) (with in
terminal)
2 Plestiacarechimy 1 --> (012) (with in
terminal)
2 Mayomys confluen 1 --> (012) (with in
terminal)
2 Eosallamys paula 1 --> (012) (with in
terminal)
2 Shapajamys laboc 1 --> (012) (with in
terminal)
2 Eobranisamys rom 1 --> (012) (with in
terminal)
2 Eobranisamys jav 1 --> (012) (with in
terminal)
2 Pozomys ucayalie 1 --> (012) (with in
terminal)
2 Tarapotomys mayo 1 --> (012) (with in
terminal)
2 Tarapotomys suba 1 --> (012) (with in
terminal)
2 Cachiycuy kumme 1 --> (012) (with in
terminal)
1 node_209 1 --> 2 node_208
2 Paraphimys pi go 2 --> (012) (with in
terminal)
2 Metaphimys scha 1 --> (012) (with in
terminal)

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Hsearch_Consensus.out

2 Acritophiomyx bo 1 --> (012) (with in terminal)
2 Baluchimys barry 1 --> (012) (with in terminal)
463 (Articulation) 1.000
1 Archetypomys eri 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomyx hammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Brani samyopsis a 0 --> (01) (with in terminal)
1 Steioromys detent 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Luantus propheti 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 node_131 0 ==> 1 Dolichotis patag
1 Perimys intermed 0 --> (01) (with in terminal)
1 Brani samys luri b 0 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Incamys bolivi an 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Garridomys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Sci amys pri nci pa 0 --> (01) (with in terminal)
1 Galileomys euryg 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Prospaniomyx pri 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prostichomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Caviocri cetus lu 0 --> (01) (with in terminal)
1 Plesi carechi mys 0 --> (01) (with in terminal)
1 Sallamys pascual 0 --> (01) (with in terminal)
1 Mayomys confluen 0 --> (01) (with in terminal)
1 Eosallamys paula 0 --> (01) (with in terminal)
1 Shapajamys laboc 0 --> (01) (with in terminal)
1 Eobrani samys rom 0 --> (01) (with in terminal)

Hsearch_Consensus.out

464 (Interorbital) 0.333

```

1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 node_127 0 --> 1 node_126
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 node_125 1 --> 0 Coendou prehensi
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_133 0 ==> 1 node_131
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 Neoepi bl ema ambr
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_208 0 ==> 1 Paraphi omys pi go
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
465 (Posterior sut) 0.667 1 node_217 0 --> 1 node_216
1 node_132 1 ==> 2 Cavi a aperea
1 node_208 1 ==> 0 Paraphi omys pi go
466 (Development o) 1.000 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Biral omys sonda 0 --> (01) (wi thi n termi nal)
1 node_217 0 ==> 1 node_216
1 Chapatti mys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pasqua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys principi a 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

467 (Maxillary on) 0.400

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1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 --> 1 node_136
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 node_131 1 --> 0 Hydrochoerus hyd
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_139 0 ==> 1 Dasyprocta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 node_211 0 ==> 1 Acri tophi omys bo
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_148 0 --> 1 node_147
1 Neoepi bl ema ambr 1 --> (01) (wi thi n termi nal)
1 node_146 1 --> 0 Chi nchi lla lani g
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)

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468 (Contact betwe) 0.500

Hsearch_Consensus.out

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1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
1 node_218 1 --> 2 Cocomys ligchaen
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Bugtimys zafarul 1 --> (012) (wi thi n
termi nal)
2 Hodsahibi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Waslamys' attia 1 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
1 node_141 1 --> 2 node_130
2 Protostei romys m 2 --> (012) (wi thi n

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469 (*Development) 0.250

Hsearch_Consensus.out

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2 Eosteioromys homo 2 --> terminal)
2 Braniamyopsis a 2 --> (012) (within
terminal)
2 Neosteioromys pat 2 --> (012) (within
terminal)
2 Steioromys detent 2 --> (012) (within
terminal)
2 Hyposteioromys a 2 --> (012) (within
terminal)
2 Palaeosteioromys 1 --> (012) (within
terminal)
1 node_141 1 --> 0 node_140
2 Australoprocta f 0 --> (012) (within
terminal)
2 Luantus propheti 0 --> (012) (within
terminal)
2 Asteromys punctu 0 --> (012) (within
terminal)
2 Perimys intermed 0 --> (012) (within
terminal)
2 Braniamys luri b 0 --> (012) (within
terminal)
1 node_139 0 --> 1 Cuniculus paca-t
2 Eoincamys pascua 1 --> (012) (within
terminal)
2 Microscleromys p 1 --> (012) (within
terminal)
2 Scleromys quadra 1 --> (012) (within
terminal)
2 Scleromys angust 1 --> (012) (within
terminal)
2 Drytomomys aequa 1 --> (012) (within
terminal)
2 Potamarchus muri 1 --> (012) (within
terminal)
2 Neoepiblema ambr 1 --> (012) (within
terminal)
1 node_146 1 ==> 2 Chinchilla lanig
1 node_147 1 ==> 0 Lagostomus maxim
2 Scleromys osborn 1 --> (012) (within
terminal)
2 Garriromys curnu 1 --> (012) (within
terminal)
2 Eoviscaccia fras 1 --> (012) (within
terminal)
2 Eoviscaccia aust 1 --> (012) (within
terminal)
2 Scleromys praecu 1 --> (012) (within
terminal)
2 Chambiromys ship 1 --> (012) (within
terminal)
2 Eoincamys parvus 1 --> (012) (within
terminal)
2 Chambiromys sylv 1 --> (012) (within
terminal)
2 Eoincamys valver 1 --> (012) (within
terminal)
2 Eoincamys ameghi 1 --> (012) (within
terminal)
1 node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (within
terminal)
2 Leucokephalos ze 2 --> (012) (within
terminal)
2 Platypittamys br 2 --> (012) (within
terminal)

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Hsearch_Consensus.out

```
2 Deseadomys aramb 2 --> (012) (wi thi n
termi nal)
2 Acaremys muri nus 2 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
termi nal)
2 Gal ileomys euryg 2 --> (012) (wi thi n
termi nal)
2 Will idewu estepa 2 --> (012) (wi thi n
termi nal)
2 Maruchi to tri lof 2 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
1 node_183 2 --> 1 Abrocoma bennett
2 Adel phomys candi 2 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 2 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 2 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus lu 2 --> (012) (wi thi n
termi nal)
2 Ple si acarechi mys 2 --> (012) (wi thi n
termi nal)
2 Sal lamys pascual 2 --> (012) (wi thi n
termi nal)
2 Mayomys confl uen 1 --> (012) (wi thi n
termi nal)
2 Eosal lamys paul a 1 --> (012) (wi thi n
termi nal)
2 Shapaj amys laboc 1 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 1 --> (012) (wi thi n
termi nal)
2 Eobrani samys jav 1 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal)
2 Metaphi omys scha 1 --> (012) (wi thi n
termi nal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
termi nal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
termi nal)
470 (Devel opment o) 1.000 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
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Hsearch_Consensus.out

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1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_139 0 ==> 1 Dasypsecta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopebl ema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechimys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosal lamys paul a 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

471 (Postorbital p) 0.077

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1 Pozomys ucayalíe 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys díspi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteíromys m 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 node_126 1 ==> 0 node_125
1 Pal aeosteíromys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 node_137 1 --> 0 node_136
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_131 0 --> 1 Dol ichoti s patag
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 node_154 1 --> 0 node_153
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_146 0 --> 1 Lagi díum vi scaci
1 node_147 0 --> 1 Lagostomus maxi m
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_183 1 --> 0 node_182
1 node_168 0 ==> 1 Myocastor coypus
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_172 0 --> 1 Echi mys chrysuru
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 node_175 0 --> 1 Mesocapromys/Mys
1 node_181 0 --> 1 node_178
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Prostichomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocricetus lu 1 --> (01) (with in terminal)
1 Plesiacarechymys 1 --> (01) (with in terminal)
1 Sallamys pascual 1 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Shapajamys laboc 1 --> (01) (with in terminal)
1 Eobranisamys rom 1 --> (01) (with in terminal)
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1 node_208 1 ==> 0 Paraphiomysspi go
1 Metaphiomysscha 1 --> (01) (with in terminal)
1 Baluchimys barry 1 --> (01) (with in terminal)
1 Archetypomys eri 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibi azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomysshammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteiromys m 0 --> (01) (with in terminal)
1 Branisamyopsis a 0 --> (01) (with in terminal)
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Palaeosteiromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Luantus propheti 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 node_140 0 ==> 1 node_139
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branicki 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Chinchilla lani g 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys shi p 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys syl v 0 --> (01) (with in terminal)
1 Eoincamys val ver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)

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472 (Development o) 0.333

Hsearch_Consensus.out

1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Sciamys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 node_211 0 --> 1 Acritophi omys bo
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 0 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 0 --> (012) (wi thi n
 termi nal)
 2 Cocomys ligchaen 0 --> (012) (wi thi n
 termi nal)
 2 Reithroparamys d 0 --> (012) (wi thi n
 termi nal)
 2 Birbal omys sonda 0 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 0 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wils 0 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 0 --> (012) (wi thi n
 termi nal)
 2 Bugtimys zafarul 0 --> (012) (wi thi n
 termi nal)
 2 Hodsahibi a azrae 0 --> (012) (wi thi n
 termi nal)
 2 'Wasl amys' attia 0 --> (012) (wi thi n
 termi nal)
 2 Phi omys hammudai 0 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy conta 0 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 0 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 0 --> (012) (wi thi n
 termi nal)
 2 Protostei romys m 0 --> (012) (wi thi n

473 (Conformati on) 0.500

Hsearch_Consensus.out

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terminal)
2 Eosteioromys homo 0 --> (012) (within
terminal)
2 Braniamyopsis a 0 --> (012) (within
terminal)
2 Erethizon dorsat 0 --> (012) (within
terminal)
2 Hypsosteioromys a 0 --> (012) (within
terminal)
2 Chaetomys subsp 0 --> (012) (within
terminal)
2 Palaeosteioromys 0 --> (012) (within
terminal)
2 Australoprocta f 0 --> (012) (within
terminal)
2 Luantus propheti 0 --> (012) (within
terminal)
2 Asteromys punctu 0 --> (012) (within
terminal)
2 Hydrochoerus hyd 0 --> (012) (within
terminal)
2 Cavia aperea 0 --> (012) (within
terminal)
2 Galea spixii 0 --> (012) (within
terminal)
2 Perimys intermed 0 --> (012) (within
terminal)
1 node_140 0 ==> 1 node_139
2 Eoincamys pascua 0 --> (012) (within
terminal)
2 Microscleromys p 0 --> (012) (within
terminal)
2 Scleromys quadra 0 --> (012) (within
terminal)
2 Scleromys angust 0 --> (012) (within
terminal)
2 Drytomomys aequa 0 --> (012) (within
terminal)
2 Potamarchus muri 0 --> (012) (within
terminal)
2 Dinomys branickei 0 --> (012) (within
terminal)
2 Neoeplema ambr 0 --> (012) (within
terminal)
2 Chinchilla lanig 0 --> (012) (within
terminal)
2 Scleromys osborn 0 --> (012) (within
terminal)
2 Garridomys curru 0 --> (012) (within
terminal)
2 Eoviscaccia fras 0 --> (012) (within
terminal)
2 Eoviscaccia aust 0 --> (012) (within
terminal)
2 Scleromys praecu 0 --> (012) (within
terminal)
2 Chambiromys ship 0 --> (012) (within
terminal)
2 Eoincamys parvus 0 --> (012) (within
terminal)
2 Chambiromys sylv 0 --> (012) (within
terminal)
2 Eoincamys valver 0 --> (012) (within
terminal)
2 Eoincamys ameghi 0 --> (012) (within
terminal)
2 Draconomys verai 0 --> (012) (within
terminal)

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Hsearch_Consensus.out

2 Leucokephalos ze 0 --> (012) (withi n
termi nal)
2 Deseadomys aramb 0 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
termi nal)
2 Gal ileomys euryg 0 --> (012) (wi thi n
termi nal)
2 Will idewu estepa 0 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 0 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvie 0 --> (012) (wi thi n
termi nal)
2 Maruchi to tri lof 0 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 0 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 0 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 0 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)
1 node_182 0 --> 1 node_181
2 Xenodontomys si m 1 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)
2 Octodon degus 1 --> (012) (wi thi n
termi nal)
2 Spal acopus cyanu 1 --> (012) (wi thi n
termi nal)
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal)
2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal)
2 Sti chomys regul a 0 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
termi nal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
termi nal)
2 Plesi acarechi mys 0 --> (012) (wi thi n
termi nal)
2 Sal lamys pascual 0 --> (012) (wi thi n
termi nal)
2 Mayomys confl uen 0 --> (012) (wi thi n
termi nal)
2 Eosal lamys paul a 0 --> (012) (wi thi n
termi nal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys jav 0 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n

Hsearch_Consensus.out

```

2 node_209 0 --> terminal)
2 Paraphi omys pi go 2 --> 2 node_208
2 Metaphi omys scha 0 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
terminal)
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n terminal)
1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
1 Chapattimys wils 0 --> (01) (wi thi n terminal)
1 Ottomani a proavi 0 --> (01) (wi thi n terminal)
1 Bugti mys zafarul 0 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n terminal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n terminal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (wi thi n terminal)
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n terminal)
1 Canaani mys maqui 1 --> (01) (wi thi n terminal)
1 Protostei romys m 1 --> (01) (wi thi n terminal)
1 Eostei romys homo 1 --> (01) (wi thi n terminal)
1 Brani samyopsi s a 1 --> (01) (wi thi n terminal)
1 node_126 1 --> 0 node_125
1 Stei romys detent 1 --> (01) (wi thi n terminal)
1 Pal aeostei romys 1 --> (01) (wi thi n terminal)
1 node_141 1 --> 0 node_140
1 Austral oprocta f 0 --> (01) (wi thi n terminal)
1 Luantus propheti 0 --> (01) (wi thi n terminal)
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 node_131 0 --> 1 Dol ichoti s patag
1 Peri mys intermed 0 --> (01) (wi thi n terminal)
1 node_137 0 --> 1 Neoreomys austra
1 Brani samys luri b 0 --> (01) (wi thi n terminal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n terminal)
1 Incamys bol i vi an 1 --> (01) (wi thi n terminal)
1 Mi croscleromys p 1 --> (01) (wi thi n terminal)
1 Scl eromys quadra 1 --> (01) (wi thi n terminal)
1 Scl eromys angust 1 --> (01) (wi thi n terminal)
1 node_148 1 --> 0 node_145
1 Drytomomys aequa 0 --> (01) (wi thi n terminal)
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 Neoepi blema ambr 1 --> (01) (wi thi n terminal)
1 Scl eromys osborn 1 --> (01) (wi thi n terminal)
1 Garri domys curnu 1 --> (01) (wi thi n terminal)
1 Eovi scaccia fras 1 --> (01) (wi thi n terminal)
1 Eovi scaccia aust 1 --> (01) (wi thi n terminal)
1 Scl eromys praecu 1 --> (01) (wi thi n terminal)
1 Chambi ramys shi p 1 --> (01) (wi thi n terminal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n terminal)
1 Chambi ramys syl v 1 --> (01) (wi thi n terminal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n terminal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n terminal)
1 Draconomys verai 1 --> (01) (wi thi n terminal)
1 Leucokephal os ze 1 --> (01) (wi thi n terminal)
1 Platyptamys br 1 --> (01) (wi thi n terminal)
1 Deseadomys aramb 1 --> (01) (wi thi n terminal)
1 Acaemys murinus 1 --> (01) (wi thi n terminal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n terminal)
1 Gal ileomys euryg 1 --> (01) (wi thi n terminal)
1 Will idewu estepa 1 --> (01) (wi thi n terminal)
1 Maruchi to tril of 1 --> (01) (wi thi n terminal)
1 node_171 1 ==> 0 Thri chomys apere
1 node_175 1 --> 0 node_174
1 Protadel phomys l 0 --> (01) (wi thi n terminal)

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474 (Frontal proce) 0.111

Hsearch_Consensus.out

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1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 node_180 1 --> 0 node_179
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_197
1 Eoi ncamys pasqua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 node_147 1 --> 0 node_146
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)

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475 (Position of t) 0.333

Hsearch_Consensus.out

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1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 node_181 1 --> 0 node_178
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_187 0 --> 1 node_186
1 node_168 1 ==> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmons 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphomys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
2 Archetypomys erl 0 --> (012) (w i t h i n t e r m i n a l )
2 Tribosphenomys m 0 --> (012) (w i t h i n t e r m i n a l )
2 Cocomys ligchaen 0 --> (012) (w i t h i n t e r m i n a l )
2 Reithroparamys d 0 --> (012) (w i t h i n t e r m i n a l )
2 Birbalomys sonda 0 --> (012) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

2 Tamquammys di spi 0 --> terminal
(012) (w i t h i n
terminal)
2 Chapattimys wil s 0 --> (012) (w i t h i n
terminal)
2 Ottomani a proavi 0 --> (012) (w i t h i n
terminal)
2 Bugtimys zafarul 0 --> (012) (w i t h i n
terminal)
2 Hodsahibi a azrae 0 --> (012) (w i t h i n
terminal)
2 'Waslamys' attia 0 --> (012) (w i t h i n
terminal)
2 Phi omys hammudai 0 --> (012) (w i t h i n
terminal)
2 Cachi yacuy conta 0 --> (012) (w i t h i n
terminal)
2 Eoespi na woodi -E 0 --> (012) (w i t h i n
terminal)
2 Canaani mys maqui 0 --> (012) (w i t h i n
terminal)
2 Protostei romys m 0 --> (012) (w i t h i n
terminal)
2 Eostei romys homo 0 --> (012) (w i t h i n
terminal)
2 Brani samyopsi s a 0 --> (012) (w i t h i n
terminal)
2 Neostei romys pat 0 --> (012) (w i t h i n
terminal)
2 Erethi zon dorsat 0 --> (012) (w i t h i n
terminal)
2 Coendou prehensi 0 --> (012) (w i t h i n
terminal)
2 Stei romys detent 0 --> (012) (w i t h i n
terminal)
2 Hypsostei romys a 0 --> (012) (w i t h i n
terminal)
2 Chaetomys subspi 0 --> (012) (w i t h i n
terminal)
2 Pal aeostei romys 0 --> (012) (w i t h i n
terminal)
2 Australoprocta f 0 --> (012) (w i t h i n
terminal)
2 Luantus propheti 0 --> (012) (w i t h i n
terminal)
2 Asteromys punctu 0 --> (012) (w i t h i n
terminal)
2 Dol i choti s patag 0 --> (012) (w i t h i n
terminal)
2 Hydrochoerus hyd 0 --> (012) (w i t h i n
terminal)
2 Cavi a aperea 0 --> (012) (w i t h i n
terminal)
2 Galea spi xi i 0 --> (012) (w i t h i n
terminal)
2 Perimys i ntermed 0 --> (012) (w i t h i n
terminal)
2 Neoreomys austra 0 --> (012) (w i t h i n
terminal)
2 Brani samys luri b 0 --> (012) (w i t h i n
terminal)
2 Dasyprocta 0 --> (012) (w i t h i n
terminal)
2 Cunicul us paca-t 0 --> (012) (w i t h i n
terminal)
2 Eoi ncamys pascua 0 --> (012) (w i t h i n
terminal)
2 I ncamys bol i vi an 0 --> (012) (w i t h i n

Hsearch_Consensus.out

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2 Microscleromys p 0 --> terminal)
2 Scleromys quadra 0 --> (012) (w i t h i n
terminal)
2 Scleromys angust 0 --> (012) (w i t h i n
terminal)
2 Drytomomys aequa 0 --> (012) (w i t h i n
terminal)
2 Potamarchus muri 0 --> (012) (w i t h i n
terminal)
2 Dinomys brani cki 0 --> (012) (w i t h i n
terminal)
2 Neoepl em a ambr 0 --> (012) (w i t h i n
terminal)
2 Ch i nchi l l a l ani g 0 --> (012) (w i t h i n
terminal)
2 Lagi di um vi scaci 0 --> (012) (w i t h i n
terminal)
2 Lagostomus maxi m 0 --> (012) (w i t h i n
terminal)
2 Scleromys osborn 0 --> (012) (w i t h i n
terminal)
2 Garri domys curnu 0 --> (012) (w i t h i n
terminal)
2 Eovi scacci a fras 0 --> (012) (w i t h i n
terminal)
2 Eovi scacci a aust 0 --> (012) (w i t h i n
terminal)
2 Scleromys praecu 0 --> (012) (w i t h i n
terminal)
2 Chambi ramys shi p 0 --> (012) (w i t h i n
terminal)
2 Eoi ncamys parvus 0 --> (012) (w i t h i n
terminal)
2 Chambi ramys syl v 0 --> (012) (w i t h i n
terminal)
2 Eoi ncamys val ver 0 --> (012) (w i t h i n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (w i t h i n
terminal)
2 Draconomys verai 0 --> (012) (w i t h i n
terminal)
2 Leucokephal os ze 0 --> (012) (w i t h i n
terminal)
2 Pl atypi ttamys br 0 --> (012) (w i t h i n
terminal)
2 Deseadomys aramb 0 --> (012) (w i t h i n
terminal)
2 Acaremys muri nus 0 --> (012) (w i t h i n
terminal)
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
terminal)
2 Gal i leomys euryg 0 --> (012) (w i t h i n
terminal)
2 Wi l l i dewu estepa 0 --> (012) (w i t h i n
terminal)
2 Prospani omys pri 0 --> (012) (w i t h i n
terminal)
1 node_183 0 --> 1 node_182
2 Myocastor coypus 1 --> (012) (w i t h i n
terminal)
2 Maruchi to tri l of 1 --> (012) (w i t h i n
terminal)
2 Thri chomys apere 1 --> (012) (w i t h i n
terminal)
1 node_172 1 ==> 2 Echi mys chrysuru
1 node_176 1 --> 2 node_175

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Hsearch_Consensus.out

2 Protadelphomys l 2 --> (012) (with terminal)
 2 Euryzygomatomys 2 --> (012) (with terminal)
 2 Xenodontomys sim 1 --> (012) (with terminal)
 2 Ctenomys bolivi e 1 --> (012) (with terminal)
 2 Neophanomys bipl 1 --> (012) (with terminal)
 2 Pi thanotomys col 1 --> (012) (with terminal)
 2 Octodon degus 1 --> (012) (with terminal)
 2 Spalacopus cyanu 1 --> (012) (with terminal)
 2 Adelphomys candi 0 --> (012) (with terminal)
 2 Prosti chomys bow 0 --> (012) (with terminal)
 2 Sti chomys regul a 0 --> (012) (with terminal)
 2 Dudumus rui gomez 0 --> (012) (with terminal)
 2 Pampamys emmonsa 0 --> (012) (with terminal)
 2 Cavi ocricetus lu 0 --> (012) (with terminal)
 2 Plesi acarechi mys 0 --> (012) (with terminal)
 2 Sal lamys pascual 0 --> (012) (with terminal)
 2 Mayomys confl uen 0 --> (012) (with terminal)
 2 Eosal lamys paul a 0 --> (012) (with terminal)
 2 Shapaj amys laboc 0 --> (012) (with terminal)
 2 Eobrani samys rom 0 --> (012) (with terminal)
 2 Eobrani samys jav 0 --> (012) (with terminal)
 2 Pozomys ucayal i e 0 --> (012) (with terminal)
 2 Tarapotomys mayo 0 --> (012) (with terminal)
 2 Tarapotomys suba 0 --> (012) (with terminal)
 2 Cachi yacuy kumme 0 --> (012) (with terminal)
 2 Thryonomys swind 0 --> (012) (with terminal)
 2 Paraphi omys pi go 0 --> (012) (with terminal)
 2 Metaphi omys scha 0 --> (012) (with terminal)
 2 Acri tophi omys bo 0 --> (012) (with terminal)
 2 Bal uchi mys barry 0 --> (012) (with terminal)
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tri bosphenomys m 0 --> (01) (with terminal)
 1 Cocomys ligchaen 0 --> (01) (with terminal)
 1 Bi rbal omys sonda 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 Chapatti mys wils 0 --> (01) (with terminal)
 1 Ottomani a proavi 0 --> (01) (with terminal)
 1 Bugti mys zafarul 0 --> (01) (with terminal)

Hsearch_Consensus.out

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1 Hodsahibia azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomys hammudai 0 --> (01) (withn terminal)
1 Cachiycuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Brani samyopsis a 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 Brani samys luri b 0 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivian 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Neoepiblema ambr 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys ship 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys valver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sci amys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 node_187 0 --> 1 node_186
1 Maruchito trilof 1 --> (01) (withn terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pithanotomys col 1 --> (01) (withn terminal)
1 node_180 1 ==> 0 Spalacopus cyanu
1 Adelphomys candi 1 --> (01) (withn terminal)
1 Prostichomys bow 1 --> (01) (withn terminal)
1 Stichomys regula 1 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesi acarechi mys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Shapajamys laboc 0 --> (01) (withn terminal)
1 Eobrani samys rom 0 --> (01) (withn terminal)
1 Eobrani samys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Cachiycuy kumme 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

479 (Length of the) 0.333

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1 node_209 0 --> 1 node_208
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi l l a l ani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 node_182 0 --> 1 node_181
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 node_180 1 --> 0 Spalacopus cyanu
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacaarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Branisamys luri b 0 --> (01) (wi thi n termi nal)
1 node_139 0 ==> 1 Cuniculus paca-t
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)

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480 (Development o) 1.000

Hsearch_Consensus.out

1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tril of 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys si m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosall amys paul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 2 Archetypomys erl 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tri bosphenomys m 0 --> (012) (w i t h i n t e r m i n a l)
 2 Rei throparamys d 0 --> (012) (w i t h i n t e r m i n a l)
 2 Bi rbal omys sonda 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tamquammys di spi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Chapattimys wi ls 0 --> (012) (w i t h i n t e r m i n a l)
 2 Ottomani a proavi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Bugti mys zafarul 0 --> (012) (w i t h i n t e r m i n a l)
 2 Hodsahi bi a azrae 0 --> (012) (w i t h i n t e r m i n a l)
 2 'Wasl amys' atti a 0 --> (012) (w i t h i n t e r m i n a l)
 2 Phi omys hammudai 0 --> (012) (w i t h i n t e r m i n a l)
 2 Cachi yacuy conta 0 --> (012) (w i t h i n t e r m i n a l)
 2 Eoespi na woodi -E 0 --> (012) (w i t h i n t e r m i n a l)
 2 Canaani mys maqui 0 --> (012) (w i t h i n t e r m i n a l)
 2 Protostei romys m 0 --> (012) (w i t h i n t e r m i n a l)
 2 Eostei romys homo 0 --> (012) (w i t h i n t e r m i n a l)

481 (*Development) 0.400

Hsearch_Consensus.out

2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
termi nal)
2 Stei romys detent 0 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 0 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 node_141 0 ==> 2 node_140
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Luantus propheti 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 0 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 0 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 0 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 0 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 0 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)
1 node_148 0 ==> 1 node_147
2 Neoepi bl ema ambr 1 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 0 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
termi nal)
2 Draconomys verai 0 --> (012) (wi thi n
termi nal)
2 Leucokephal os ze 0 --> (012) (wi thi n
termi nal)

Hsearch_Consensus.out

2 Platypittamys br 0 --> (012) (w i t h i n
termi nal)
2 Deseadomys aramb 0 --> (012) (w i t h i n
termi nal)
2 Acaremys muri nus 0 --> (012) (w i t h i n
termi nal)
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
termi nal)
2 Gal ileomys euryg 0 --> (012) (w i t h i n
termi nal)
2 Wi lli dewu estepa 0 --> (012) (w i t h i n
termi nal)
2 Prospani omys pri 0 --> (012) (w i t h i n
termi nal)
2 Maruchi to tri of 0 --> (012) (w i t h i n
termi nal)
2 Xenodontomys si m 0 --> (012) (w i t h i n
termi nal)
2 Neophanomys bi pl 0 --> (012) (w i t h i n
termi nal)
2 Pi thanotomys col 0 --> (012) (w i t h i n
termi nal)
2 Octodon degus 0 --> (012) (w i t h i n
termi nal)
2 Spal acopus cyanu 0 --> (012) (w i t h i n
termi nal)
2 node_183 0 ==> 2 Abrocoma bennett
2 Adel phomys candi 0 --> (012) (w i t h i n
termi nal)
2 Prosti chomys bow 0 --> (012) (w i t h i n
termi nal)
2 Sti chomys regul a 0 --> (012) (w i t h i n
termi nal)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
termi nal)
2 Pampamys emmonsa 0 --> (012) (w i t h i n
termi nal)
2 Cavi ocricetus lu 0 --> (012) (w i t h i n
termi nal)
2 Ple si acarechi mys 0 --> (012) (w i t h i n
termi nal)
2 Sal lamys pascual 0 --> (012) (w i t h i n
termi nal)
2 Mayomys confl uen 0 --> (012) (w i t h i n
termi nal)
2 Eosal lamys paul a 0 --> (012) (w i t h i n
termi nal)
2 Shapaj amys laboc 0 --> (012) (w i t h i n
termi nal)
2 Eobrani samys rom 0 --> (012) (w i t h i n
termi nal)
2 Eobrani samys jav 0 --> (012) (w i t h i n
termi nal)
2 Pozomys ucayal ie 0 --> (012) (w i t h i n
termi nal)
2 Tarapotomys mayo 0 --> (012) (w i t h i n
termi nal)
2 Tarapotomys suba 0 --> (012) (w i t h i n
termi nal)
2 Cachi yacuy kumme 0 --> (012) (w i t h i n
termi nal)
2 Paraphi omys pi go 0 --> (012) (w i t h i n
termi nal)
2 Metaphi omys scha 0 --> (012) (w i t h i n
termi nal)
2 Acri tophi omys bo 0 --> (012) (w i t h i n
termi nal)
2 Bal uchi mys barry 0 --> (012) (w i t h i n

Hsearch_Consensus.out

482 (Association b) 0.500

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terminal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomana proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Chachiyacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_141
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Hyposteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austr 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 node_139 1 --> 0 Dasyprocta
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pithanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 node_183 0 --> 1 Abrocoma bennett
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prostichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacaraechi mys 0 --> (01) (with in terminal)
 1 Sallamys pascual 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosallamys paula 0 --> (01) (with in terminal)
 1 Shapajamys laboc 0 --> (01) (with in terminal)
 1 Eobranisamys rom 0 --> (01) (with in terminal)
 1 Eobranisamys jav 0 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Cachi yacuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphiomyys pi go 0 --> (01) (with in terminal)
 1 Metaphiomyys scha 0 --> (01) (with in terminal)
 1 Acritophiomyys bo 0 --> (01) (with in terminal)
 1 Baluchimys barry 0 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tribosphenomys m 0 --> (01) (with in terminal)
 1 Cocomys ligchaen 0 --> (01) (with in terminal)
 1 Reithroparamys d 0 --> (01) (with in terminal)
 1 Birbalomys sonda 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Chapattimys wils 0 --> (01) (with in terminal)
 1 Ottomaniaproavi 0 --> (01) (with in terminal)
 1 Bugtimys zafarul 0 --> (01) (with in terminal)
 1 Hodsahibia azrae 0 --> (01) (with in terminal)
 1 'Waslamys' attia 0 --> (01) (with in terminal)
 1 Phiomyys hammudai 0 --> (01) (with in terminal)
 1 Cachi yacuy conta 0 --> (01) (with in terminal)
 1 Eoespina woodi -E 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Eosteioromys homo 0 --> (01) (with in terminal)
 1 Branisamyopsis a 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Steioromys detent 0 --> (01) (with in terminal)
 1 Hyposteioromys a 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 Branisamys lurib 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Incamys bolivian 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Drytomomys aequa 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Neoepiblema ambr 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)

483 (Position of t) 0.600

Hsearch_Consensus.out

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1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willi dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_171
1 node_168 1 ==> 0 Spani omys ri pari
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

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484 (Exposure of t) 1.000

Hsearch_Consensus.out

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1 Steiromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 node_133 0 ==> 1 node_132
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi carechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
3 Archetypomys erl 2 --> (0123) (w i t h i n t e r m i n a l )
3 Tri bosphenomys m 2 --> (0123) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

3 Cocomys ligchaen 2 --> (0123) (w i t h i n
termi nal)
3 Reithroparamys d 2 --> (0123) (w i t h i n
termi nal)
3 Birbalomys sonda 2 --> (0123) (w i t h i n
termi nal)
3 Tamquammys di spi 2 --> (0123) (w i t h i n
termi nal)
3 Chapattimys wil s 2 --> (0123) (w i t h i n
termi nal)
3 Ottomani a proavi 2 --> (0123) (w i t h i n
termi nal)
3 Bugtimys zafarul 2 --> (0123) (w i t h i n
termi nal)
3 Hodsahibi a azrae 2 --> (0123) (w i t h i n
termi nal)
3 'Waslamys' attia 2 --> (0123) (w i t h i n
termi nal)
3 Phi omys hammudai 2 --> (0123) (w i t h i n
termi nal)
3 Cachi yacuy conta 2 --> (0123) (w i t h i n
termi nal)
3 Eoespi na woodi -E 2 --> (0123) (w i t h i n
termi nal)
3 Canaani mys maqui 2 --> (0123) (w i t h i n
termi nal)
1 node_141 2 --> 3 node_130
3 Protosteioromys m 3 --> (0123) (w i t h i n
termi nal)
3 Eosteioromys homo 3 --> (0123) (w i t h i n
termi nal)
3 Brani samyopsi s a 3 --> (0123) (w i t h i n
termi nal)
3 Neosteioromys pat 3 --> (0123) (w i t h i n
termi nal)
1 node_125 3 --> 2 Coendou prehensi
3 Hypsosteioromys a 3 --> (0123) (w i t h i n
termi nal)
3 Chaetomys subspi 3 --> (0123) (w i t h i n
termi nal)
3 Palaeosteioromys 2 --> (0123) (w i t h i n
termi nal)
2 node_140 2 --> 0 node_138
3 Australoprocta f 0 --> (0123) (w i t h i n
termi nal)
3 Luantus propheti 0 --> (0123) (w i t h i n
termi nal)
3 Asteromys punctu 0 --> (0123) (w i t h i n
termi nal)
3 Dolichotis patag 0 --> (0123) (w i t h i n
termi nal)
3 Hydrochoerus hyd 0 --> (0123) (w i t h i n
termi nal)
3 Galea spixi i 0 --> (0123) (w i t h i n
termi nal)
3 Perimys intermed 0 --> (0123) (w i t h i n
termi nal)
3 Neoreomys austra 0 --> (0123) (w i t h i n
termi nal)
3 Brani samys luri b 0 --> (0123) (w i t h i n
termi nal)
1 node_139 2 ==> 3 Dasyprocta
1 node_195 2 --> 3 node_161
3 Eoincamys pascua 3 --> (0123) (w i t h i n
termi nal)
3 Incamys bolivi an 3 --> (0123) (w i t h i n
termi nal)
3 Microscleromys p 3 --> (0123) (w i t h i n
termi nal)

Hsearch_Consensus.out

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3 Scleromys quadra 3 --> terminal)
3 Scleromys angust 3 --> (0123) (wi thi n
terminal)
3 Drytomomys aequa 3 --> (0123) (wi thi n
terminal)
3 Potamarchus muri 3 --> (0123) (wi thi n
terminal)
3 Neoepiblema ambr 3 --> (0123) (wi thi n
terminal)
1 node_147 3 --> 2 node_146
3 Scleromys osborn 3 --> (0123) (wi thi n
terminal)
3 Garri domys curnu 3 --> (0123) (wi thi n
terminal)
3 Eoviscaccia fras 3 --> (0123) (wi thi n
terminal)
3 Eoviscaccia aust 3 --> (0123) (wi thi n
terminal)
3 Scleromys praecu 3 --> (0123) (wi thi n
terminal)
3 Chambiramys ship 3 --> (0123) (wi thi n
terminal)
3 Eoincamys parvus 3 --> (0123) (wi thi n
terminal)
3 Chambiramys sylv 3 --> (0123) (wi thi n
terminal)
3 Eoincamys valver 3 --> (0123) (wi thi n
terminal)
3 Eoincamys ameghi 3 --> (0123) (wi thi n
terminal)
3 Draconomys verai 2 --> (0123) (wi thi n
terminal)
3 Leucokephalos ze 2 --> (0123) (wi thi n
terminal)
3 Platypittamys br 2 --> (0123) (wi thi n
terminal)
3 Deseadomys aramb 2 --> (0123) (wi thi n
terminal)
3 Acaemys murinus 2 --> (0123) (wi thi n
terminal)
3 Sci amys principa 2 --> (0123) (wi thi n
terminal)
3 Galileomys euryg 2 --> (0123) (wi thi n
terminal)
3 Willidewu estepa 2 --> (0123) (wi thi n
terminal)
3 Prospaniomys pri 2 --> (0123) (wi thi n
terminal)
1 node_183 2 --> 1 node_182
2 node_168 1 ==> 3 Myocastor coypus
3 Maruchitotrilof 1 --> (0123) (wi thi n
terminal)
1 node_173 1 ==> 0 node_172
3 Protadelphomys l 1 --> (0123) (wi thi n
terminal)
3 Euryzygomatomys 1 --> (0123) (wi thi n
terminal)
1 node_181 1 --> 2 node_178
3 Xenodontomys sim 2 --> (0123) (wi thi n
terminal)
3 Neophanomys bipl 2 --> (0123) (wi thi n
terminal)
1 node_181 1 --> 0 node_180
3 Pi thanotomys col 0 --> (0123) (wi thi n
terminal)
3 Octodon degus 0 --> (0123) (wi thi n

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Hsearch_Consensus.out

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3 Adelphomys candi 2 --> terminal
3 Prosthomys bow 2 --> (0123) (with terminal)
3 Stenomys regula 2 --> (0123) (with terminal)
3 Dudumys rui gomez 2 --> (0123) (with terminal)
3 Pampamys emmonsa 2 --> (0123) (with terminal)
3 Caviocricetus lu 2 --> (0123) (with terminal)
3 Plesiacarechymys 2 --> (0123) (with terminal)
3 Sallamys pascual 2 --> (0123) (with terminal)
3 Mayomys confluen 2 --> (0123) (with terminal)
3 Eosallamys paula 2 --> (0123) (with terminal)
3 Shapajamys laboc 2 --> (0123) (with terminal)
3 Eobranisamys rom 2 --> (0123) (with terminal)
3 Eobranisamys jav 2 --> (0123) (with terminal)
3 Pozomys ucayalie 2 --> (0123) (with terminal)
3 Tarapotomys mayo 2 --> (0123) (with terminal)
3 Tarapotomys suba 2 --> (0123) (with terminal)
3 Cachi yacuy kumme 2 --> (0123) (with terminal)
3 Paraphomys pi go 2 --> (0123) (with terminal)
3 Metaphomys scha 2 --> (0123) (with terminal)
3 Acritophomys bo 2 --> (0123) (with terminal)
3 Baluchimys barry 2 --> (0123) (with terminal)
486 (*Development ) 0.222
2 Archetypomys erl 0 --> (012) (with terminal)
2 Tribosphenomys m 0 --> (012) (with terminal)
2 node_218 0 --> 2 Cocomys ligchaen
2 Reithroparamys d 0 --> (012) (with terminal)
2 Birbalomys sonda 0 --> (012) (with terminal)
2 Tamquammys di spi 0 --> (012) (with terminal)
2 Chapattimys wils 0 --> (012) (with terminal)
2 Ottomaniaproavi 0 --> (012) (with terminal)
2 Bugtimys zafarul 0 --> (012) (with terminal)
2 Hodsahibia azrae 0 --> (012) (with terminal)
2 'Waslamys' attia 0 --> (012) (with terminal)
2 Phiomys hammudai 0 --> (012) (with terminal)
2 Cachi yacuy conta 0 --> (012) (with terminal)

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Hsearch_Consensus.out

2 Eoespi na woodi -E 0 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 0 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 0 --> (012) (wi thi n
termi nal)
1 node_125 0 ==> 1 Coendou prehensi
2 Stei romys detent 0 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 0 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 0 --> (012) (wi thi n
termi nal)
2 Luantus propheti 0 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 0 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 0 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 0 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 0 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 0 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)
2 Neoepi bl ema ambr 0 --> (012) (wi thi n
termi nal)
2 Scl eromys osborn 0 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Draconomys verai 0 --> terminal
2 Draconomys verai 0 --> (012) (within
terminal)
2 Leucokephalos ze 0 --> (012) (within
terminal)
2 Platypittamys br 0 --> (012) (within
terminal)
2 Deseadomys aramb 0 --> (012) (within
terminal)
2 Acaremys murinus 0 --> (012) (within
terminal)
2 Sci amys pri nci pa 0 --> (012) (within
terminal)
2 Gal ileomys euryg 0 --> (012) (within
terminal)
2 Will idewu estepa 0 --> (012) (within
terminal)
2 Prospani omys pri 0 --> (012) (within
terminal)
1 node_183 0 ==> 1 node_182
1 node_168 1 ==> 0 Myocastor coypus
1 node_169 1 ==> 2 Proechimys cuvie
2 Maruchi to trilof 1 --> (012) (within
terminal)
1 node_171 1 ==> 0 Thrichomys apere
1 node_173 1 ==> 2 node_172
1 node_175 1 ==> 0 node_174
2 Xenodontomys sim 1 --> (012) (within
terminal)
2 Neophanomys bi pl 1 --> (012) (within
terminal)
2 Pi thanotomys col 1 --> (012) (within
terminal)
2 Octodon degus 1 --> (012) (within
terminal)
2 Spalacopus cyanu 1 --> (012) (within
terminal)
2 Adelphomys candi 0 --> (012) (within
terminal)
2 Prosthichomys bow 0 --> (012) (within
terminal)
2 Stichomys regula 0 --> (012) (within
terminal)
2 Dudumus rui gomez 0 --> (012) (within
terminal)
2 Pampamys emmonsa 0 --> (012) (within
terminal)
2 Caviocricetus lu 0 --> (012) (within
terminal)
2 Plestiacarechymys 0 --> (012) (within
terminal)
2 Sal lamys pascual 0 --> (012) (within
terminal)
2 Mayomys confluen 0 --> (012) (within
terminal)
2 Eosallamys paula 0 --> (012) (within
terminal)
2 Shapajamys laboc 0 --> (012) (within
terminal)
2 Eobranisamys rom 0 --> (012) (within
terminal)
2 Eobranisamys jav 0 --> (012) (within
terminal)
2 Pozomys ucayalie 0 --> (012) (within
terminal)
2 Tarapotomys mayo 0 --> (012) (within
terminal)
2 Tarapotomys suba 0 --> (012) (within

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Hsearch_Consensus.out

2 Cachi yacuy kumme 0 --> terminal
 (012) (with in terminal)
 2 Paraphi omys pi go 0 --> terminal
 (012) (with in terminal)
 2 Metaphi omys scha 0 --> terminal
 (012) (with in terminal)
 2 Acri tophi omys bo 0 --> terminal
 (012) (with in terminal)
 2 Bal uchi mys barry 0 --> terminal
 (012) (with in terminal)
 487 (Position of t) 0.500
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 node_218 0 --> 1 Cocomys ligchaen
 1 Rei throparamys d 0 --> (01) (with in terminal)
 1 Bi rbal omys sonda 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Chapatti mys wil s 0 --> (01) (with in terminal)
 1 Ottomani a proavi 0 --> (01) (with in terminal)
 1 Bugti mys zafarul 0 --> (01) (with in terminal)
 1 Hodsa hi bi a azrae 0 --> (01) (with in terminal)
 1 'Wasl amys' attia 0 --> (01) (with in terminal)
 1 Phi omys hammudai 0 --> (01) (with in terminal)
 1 Cachi yacuy conta 0 --> (01) (with in terminal)
 1 Eoespi na woodi -E 0 --> (01) (with in terminal)
 1 Canaani mys maqui 0 --> (01) (with in terminal)
 1 node_141 0 --> 1 node_130
 1 Protostei romys m 1 --> (01) (with in terminal)
 1 Eostei romys homo 1 --> (01) (with in terminal)
 1 Brani samyopsi s a 1 --> (01) (with in terminal)
 1 Neostei romys pat 1 --> (01) (with in terminal)
 1 Stei romys detent 1 --> (01) (with in terminal)
 1 Hypsostei romys a 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Pal aeostei romys 0 --> (01) (with in terminal)
 1 Austral oprocta f 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dol ichoti s patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 Brani samys luri b 0 --> (01) (with in terminal)
 1 Eoi ncamys pascua 0 --> (01) (with in terminal)
 1 Incamys bol i vi an 0 --> (01) (with in terminal)
 1 Mi croscleromys p 0 --> (01) (with in terminal)
 1 Scl eromys quadra 0 --> (01) (with in terminal)
 1 Scl eromys angust 0 --> (01) (with in terminal)
 1 Drytomomys aequa 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Neoepi blema ambr 0 --> (01) (with in terminal)
 1 Scl eromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eovi scacci a fras 0 --> (01) (with in terminal)
 1 Eovi scacci a aust 0 --> (01) (with in terminal)
 1 Scl eromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys shi p 0 --> (01) (with in terminal)
 1 Eoi ncamys parvus 0 --> (01) (with in terminal)
 1 Chambi ramys sylv 0 --> (01) (with in terminal)
 1 Eoi ncamys val ver 0 --> (01) (with in terminal)
 1 Eoi ncamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephal os ze 0 --> (01) (with in terminal)
 1 Platypi ttamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Aca remys muri nus 0 --> (01) (with in terminal)
 1 Sci amys pri nci pa 0 --> (01) (with in terminal)
 1 Gal i leomys euryg 0 --> (01) (with in terminal)

Hsearch_Consensus.out

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1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1      node_175 0 ==> 1 node_174
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1      node_129 0 ==> 1 Chaetomys subspi
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1      node_176 0 ==> 1 node_173
1      node_169 1 ==> 0 node_168
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1      node_180 0 --> 1 node_179
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1      node_130 1 --> 0 node_129
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1      node_131 1 ==> 0 Dol ichoti s patag
1      node_132 1 ==> 0 Gal ea spi xi i
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 node_148 1 --> 0 node_145
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeptiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 node_176 1 --> 0 node_173
1 Spani omys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 node_171 0 --> 1 Thrichomys apere
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys Iuri b 1 --> (01) (w i t h i n t e r m i n a l )
1 node_139 1 --> 0 Dasyprocta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciamys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 node_208 0 --> 1 Thryonomys swind

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Hsearch_Consensus.out

1 Metaphiomys schaefferi 0 --> (01) (within terminal)
1 Acritophiomys boettgeri 0 --> (01) (within terminal)
1 Baluchiomys barryi 0 --> (01) (within terminal)
491 (*Apex of the) 0.500
2 Archetypomys erlangeri 1 --> (012) (within terminal)
2 Tribosphenomys murrayi 1 --> (012) (within terminal)
2 Birbalomys sondaensis 1 --> (012) (within terminal)
2 Tamquammys dispiratus 1 --> (012) (within terminal)
2 Chapattimys wilsoni 1 --> (012) (within terminal)
2 Ottomaniaproavia 1 --> (012) (within terminal)
2 Bugtiomys zafarullahi 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attiana 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuycontae 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteioromys murrayi 1 --> (012) (within terminal)
2 Brani samyopsis a 1 --> (012) (within terminal)
2 Hyposteioromys a 1 --> (012) (within terminal)
2 Palaeosteioromys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctatus 1 --> (012) (within terminal)
2 Perimys intermedium 1 --> (012) (within terminal)
2 Eoincamys pascuae 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
2 Scleromys angustus 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Garri domys curru 1 --> (012) (within terminal)
2 Eoviscaccia frasca 1 --> (012) (within terminal)
2 Eoviscaccia austriaca 1 --> (012) (within terminal)
2 Scleromys praecursor 1 --> (012) (within terminal)
2 Chambi ramys shipp 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambi ramys sylvestris 1 --> (012) (within terminal)

Hsearch_Consensus.out

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2 Eoincamys valver 1 --> terminal
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
2 Draconomys verai 1 --> (012) (with in
terminal)
2 Leucokephalos ze 1 --> (012) (with in
terminal)
2 Platypittamys br 1 --> (012) (with in
terminal)
2 Deseadomys aramb 1 --> (012) (with in
terminal)
2 Galileomys euryg 1 --> (012) (with in
terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchitotrilof 1 --> (012) (with in
terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Neophanomys bipl 1 --> (012) (with in
terminal)
1 node_180 1 ==> 0 node_179
2 Adelphomys candi 1 --> (012) (with in
terminal)
2 Prosthichomys bow 1 --> (012) (with in
terminal)
2 Dudumus rui gomez 1 --> (012) (with in
terminal)
2 Pampamys emmonsa 1 --> (012) (with in
terminal)
2 Caviocricetus lu 1 --> (012) (with in
terminal)
2 Plestiacarechymys 1 --> (012) (with in
terminal)
2 Mayomys confluen 1 --> (012) (with in
terminal)
2 Eosallamys paula 1 --> (012) (with in
terminal)
2 Shapajamys laboc 1 --> (012) (with in
terminal)
2 Eobranisamys rom 1 --> (012) (with in
terminal)
2 Eobranisamys jav 1 --> (012) (with in
terminal)
2 Pozomys ucayalie 1 --> (012) (with in
terminal)
2 Tarapotomys mayo 1 --> (012) (with in
terminal)
2 Tarapotomys suba 1 --> (012) (with in
terminal)
2 Cachiycuy kumme 1 --> (012) (with in
terminal)
1 node_208 1 ==> 2 Thryonomys swind
2 Metaphomys scha 1 --> (012) (with in
terminal)
2 Acritophomys bo 1 --> (012) (with in
terminal)
2 Baluchimys barry 1 --> (012) (with in
terminal)
1 node_218 1 --> 2 Cocomys ligchaen
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 node_137 1 --> 0 node_136
1 node_131 0 --> 1 Hydrochoerus hyd
1 node_139 1 ==> 0 Cuniculus paca-t
1 node_198 1 --> 0 node_197
1 Incamys bolivian 0 --> (01) (with in terminal)
1 node_147 0 ==> 1 node_146
1 node_179 0 ==> 1 Pithanotomys col

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492 (Anterior marg) 0.400

Hsearch_Consensus.out

493 (Lateral level) 0.500

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1 node_208 1 ==> 0 Thryonomys swind
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 node_182 0 --> 1 node_181
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 node_180 1 --> 0 Spalacopus cyanu
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

494 (Development o) 0.167

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1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wil s 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugti mys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Wasl amys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eostei romys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l )
1 Austral oprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dol ichoti s patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l )
1 Peri mys i ntermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 node_140 1 --> 0 node_139
1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bol i vi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scl eromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scl eromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scl eromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scl eromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypi ttamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys muri nus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Gal ileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Wi lli dewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_183 1 --> 0 node_182

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Hsearch_Consensus.out

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1      node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1      node_172 0 ==> 1 Makal ata di del ph
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1      node_181 0 --> 1 node_178
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1      node_218 0 --> 1 Cocomys ligchaen
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1      node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1      node_139 1 --> 0 Cuniculus paca-t
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Micromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)

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495 (Masticory and) 0.333

Hsearch_Consensus.out

1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Dinomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Prosthomys bow 0 --> (01) (w i t h i n t e r m i n a l)
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l)
1 Tri bosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 1 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l)
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l)

496 (Fusion of the) 1.000

Hsearch_Consensus.out

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1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branickei 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopibidema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri ncipa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plestiacarechi mys 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomyys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomyys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophiomyys bo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
 497 (Fusion of the) 0.600
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomyys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_198 0 --> 1 node_197
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Eoincamys valver 1 --> (01) (wi thin terminal)
1 Eoincamys ameghi 1 --> (01) (wi thin terminal)
1 Draconomys verai 1 --> (01) (wi thin terminal)
1 Leucokephalos ze 1 --> (01) (wi thin terminal)
1 Platypittamys br 1 --> (01) (wi thin terminal)
1 Deseadomys aramb 1 --> (01) (wi thin terminal)
1 Acaremys murinus 1 --> (01) (wi thin terminal)
1 Sci amys principa 1 --> (01) (wi thin terminal)
1 Galileomys euryg 1 --> (01) (wi thin terminal)
1 Willidewu estepa 1 --> (01) (wi thin terminal)
1 Prospaniomys pri 1 --> (01) (wi thin terminal)
1 node_173 1 --> 0 node_171
1 Spaniomys ripari 0 --> (01) (wi thin terminal)
1 Maruchito trilof 0 --> (01) (wi thin terminal)
1 Thrichomys apere 0 --> (01) (wi thin terminal)
1 Echimy s chrysuru 1 --> (01) (wi thin terminal)
1 Protadelphomys l 1 --> (01) (wi thin terminal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thin terminal)
1 Neophanomys bipl 1 --> (01) (wi thin terminal)
1 Pi thanotomys col 1 --> (01) (wi thin terminal)
1 Spalacopus cyanu 1 --> (01) (wi thin terminal)
1 Adelphomys candi 1 --> (01) (wi thin terminal)
1 Prostichomys bow 1 --> (01) (wi thin terminal)
1 Stichomys regula 1 --> (01) (wi thin terminal)
1 Dudumus rui gomez 1 --> (01) (wi thin terminal)
1 Pampamys emmonsa 1 --> (01) (wi thin terminal)
1 Caviocricetus lu 1 --> (01) (wi thin terminal)
1 Plesi acarechi mys 1 --> (01) (wi thin terminal)
1 Sallamys pascual 1 --> (01) (wi thin terminal)
1 Mayomys confluen 1 --> (01) (wi thin terminal)
1 Eosallamys paula 1 --> (01) (wi thin terminal)
1 Shapajamys laboc 0 --> (01) (wi thin terminal)
1 Eobranisamys rom 0 --> (01) (wi thin terminal)
1 Eobranisamys jav 0 --> (01) (wi thin terminal)
1 Pozomys ucayalie 0 --> (01) (wi thin terminal)
1 Tarapotomys mayo 0 --> (01) (wi thin terminal)
1 Tarapotomys suba 0 --> (01) (wi thin terminal)
1 Cachi yacuy kumme 0 --> (01) (wi thin terminal)
1 Paraphiomys pi go 0 --> (01) (wi thin terminal)
1 Metaphiomys scha 0 --> (01) (wi thin terminal)
1 Acritophiomys bo 0 --> (01) (wi thin terminal)
1 Baluchiomys barry 0 --> (01) (wi thin terminal)
1 Archetypomys erl 1 --> (01) (wi thin terminal)
1 Tri bosphenomys m 1 --> (01) (wi thin terminal)
1 Reithroparamys d 1 --> (01) (wi thin terminal)
1 Birbalomys sonda 1 --> (01) (wi thin terminal)
1 Tamquammys di spi 1 --> (01) (wi thin terminal)
1 Chapattimys wils 1 --> (01) (wi thin terminal)
1 Ottomani a proavi 1 --> (01) (wi thin terminal)
1 Bugtimys zafarul 1 --> (01) (wi thin terminal)
1 Hodsahibi a azrae 1 --> (01) (wi thin terminal)
1 'Waslamys' attia 1 --> (01) (wi thin terminal)
1 Phi omys hammudai 1 --> (01) (wi thin terminal)
1 Cachi yacuy conta 1 --> (01) (wi thin terminal)
1 Eoespina woodi -E 1 --> (01) (wi thin terminal)
1 Canaanimys maqui 1 --> (01) (wi thin terminal)
1 Protostei romys m 1 --> (01) (wi thin terminal)
1 Eostei romys homo 1 --> (01) (wi thin terminal)
1 Branisamyopsis a 1 --> (01) (wi thin terminal)
1 Neostei romys pat 1 --> (01) (wi thin terminal)
1 node_125 1 ==> 0 Coendou prehensi
1 Stei romys detent 1 --> (01) (wi thin terminal)
1 Hypsostei romys a 1 --> (01) (wi thin terminal)
1 Palaeostei romys 1 --> (01) (wi thin terminal)
1 Australoprocta f 1 --> (01) (wi thin terminal)
1 Luantus propheti 1 --> (01) (wi thin terminal)
1 Asteromys punctu 1 --> (01) (wi thin terminal)

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Hsearch_Consensus.out

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1      node_133 1 ==> 0 node_132
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1      node_139 1 ==> 0 Cuni cul us paca-t
1      node_195 1 --> 0 node_161
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1      node_169 1 --> 0 node_168
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1      node_176 1 --> 0 node_175
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_141
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_138
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_131 0 --> 1 Hydrochoerus hyd
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_148 0 --> 1 node_147
1 node_147 1 --> 0 node_146
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_173 0 --> 1 node_171
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 Proechi mys cuvi e
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacaechimys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Shapajamys laboc 0 --> (01) (withn terminal)
1 Eobranisamys rom 0 --> (01) (withn terminal)
1 Eobranisamys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Cachiyacuy kumme 0 --> (01) (withn terminal)
1 node_208 0 ==> 1 Thryonomys swind
1 Metaphiomys scha 0 --> (01) (withn terminal)
1 Acritophiomys bo 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 node_217 0 --> 1 node_118
1 Birbalomys sonda 1 --> (01) (withn terminal)
1 Tamquammys di spi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Ottomaniaproavi 0 --> (01) (withn terminal)
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Hodsahibi azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomys hammudai 0 --> (01) (withn terminal)
1 Cachiyacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Branisamyopsis a 0 --> (01) (withn terminal)
1 Neosteioromys pat 0 --> (01) (withn terminal)
1 Erethizon dorsat 0 --> (01) (withn terminal)
1 Coendou prehensi 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Hyposteioromys a 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Branisamys luri b 0 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivi an 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 node_147 0 ==> 1 Lagostomus maxim
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys shi p 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys syl v 0 --> (01) (withn terminal)
1 Eoincamys val ver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)

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500 (Development o) 0.143

Hsearch_Consensus.out

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1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_187 0 ==> 1 Prospani omys pri
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_172
1 node_175 0 --> 1 node_174
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophantomys bi pl 0 --> (01) (wi thi n termi nal)
1 node_181 0 --> 1 node_180
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_208 0 ==> 1 Thryonomys swi nd
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_141
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 --> 0 Coendou prehensi
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 node_137 1 --> 0 node_136
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)

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501 (Sagittal cres) 0.333

Hsearch_Consensus.out

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1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 Neoepe blema ambr
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)

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502 (Orientation o) 0.250

Hsearch_Consensus.out

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1 Eosteirromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
1 Steirromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteirromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteirromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 node_147 1 ==> 0 node_146
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophantomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

503 (Parocci pi tal) 0.167

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1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 node_140 0 ==> 1 node_139
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 node_146
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal illeomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 node_172 1 ==> 0 Echi mys chrysuru
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1      node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1      Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal l amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1      node_133 0 ==> 1 node_131
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1      node_147 0 ==> 1 Lagostomus maxi m
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)

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504 (Length of the) 0.333

Hsearch_Consensus.out

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1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambiramys ship 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambiramys sylv 0 --> (01) (withn terminal)
1 Eoincamys valver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sciameys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomyes pri 0 --> (01) (withn terminal)
1 node_169 0 --> 1 node_168
1 Spaniomyes ripari 1 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pi thanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prosti chomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocri cetus lu 0 --> (01) (withn terminal)
1 Plesi acarechi mys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 0 --> (01) (withn terminal)
1 Eosallamys paula 0 --> (01) (withn terminal)
1 Shapajamys laboc 0 --> (01) (withn terminal)
1 Eobrani samys rom 0 --> (01) (withn terminal)
1 Eobrani samys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Cachi yacuy kumme 0 --> (01) (withn terminal)
1 Paraphiomyes pi go 0 --> (01) (withn terminal)
1 Metaphiomyes scha 0 --> (01) (withn terminal)
1 Acritophiomyes bo 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tri bosphenomys m 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys dispi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Ottomani a proavi 0 --> (01) (withn terminal)
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Hodsahibi a azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomyes hammudai 0 --> (01) (withn terminal)
1 Cachi yacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaani mys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Brani samyopsis a 0 --> (01) (withn terminal)
1 Neosteioromys pat 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Hypsosteioromys a 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)

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505 (Development o) 1.000

Hsearch_Consensus.out

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1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Miroscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopeplema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 node_182 0 --> 1 node_181
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Pleisiacarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 ==> 0 Coendou prehensi
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 node_133 1 ==> 0 node_131
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sciamys principi a 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_173 1 --> 0 node_171
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Plesiacarechymys 1 --> (01) (withinterminal)
1 Sallamys pascual 1 --> (01) (withinterminal)
1 Mayomys confluen 1 --> (01) (withinterminal)
1 Eosallamys paula 1 --> (01) (withinterminal)
1 Shapajamys laboc 1 --> (01) (withinterminal)
1 Eobranisamys rom 1 --> (01) (withinterminal)
1 Eobranisamys jav 1 --> (01) (withinterminal)
1 Pozomys ucayalie 1 --> (01) (withinterminal)
1 Tarapotomys mayo 1 --> (01) (withinterminal)
1 Tarapotomys suba 1 --> (01) (withinterminal)
1 Cachiycuy kumme 1 --> (01) (withinterminal)
1 node_209 1 --> 0 node_208
1 Paraphiomys pigo 0 --> (01) (withinterminal)
1 Metaphiomys scha 1 --> (01) (withinterminal)
1 Acritophiomys bo 1 --> (01) (withinterminal)
1 Baluchimys barry 1 --> (01) (withinterminal)
1 Archetypomys erl 0 --> (01) (withinterminal)
1 Tribosphenomys m 0 --> (01) (withinterminal)
1 Cocomys ligchaen 0 --> (01) (withinterminal)
1 Birbalomys sonda 0 --> (01) (withinterminal)
1 Tamquammys dispi 0 --> (01) (withinterminal)
1 Chapattimys wils 0 --> (01) (withinterminal)
1 Ottomaniaproavi 0 --> (01) (withinterminal)
1 Bugtimys zafarul 0 --> (01) (withinterminal)
1 Hodsahibia azrae 0 --> (01) (withinterminal)
1 'Waslamys' attia 0 --> (01) (withinterminal)
1 Phiomys hammudai 0 --> (01) (withinterminal)
1 Cachiycuy conta 0 --> (01) (withinterminal)
1 Eoespina woodi -E 0 --> (01) (withinterminal)
1 Canaanimys maqui 0 --> (01) (withinterminal)
1 Protosteioromys m 0 --> (01) (withinterminal)
1 Eosteioromys homo 0 --> (01) (withinterminal)
1 Branisamyopsis a 0 --> (01) (withinterminal)
1 Neosteioromys pat 0 --> (01) (withinterminal)
1 Steioromys detent 0 --> (01) (withinterminal)
1 Hyposteioromys a 0 --> (01) (withinterminal)
1 Chaetomys subspi 0 --> (01) (withinterminal)
1 Palaeosteioromys 0 --> (01) (withinterminal)
1 Australoprocta f 0 --> (01) (withinterminal)
1 Luantus propheti 0 --> (01) (withinterminal)
1 Asteromys punctu 0 --> (01) (withinterminal)
1 Perimys intermed 0 --> (01) (withinterminal)
1 Neoreomys austra 0 --> (01) (withinterminal)
1 Branisamys luri b 0 --> (01) (withinterminal)
1 Dasyprocta 0 --> (01) (withinterminal)
1 Eoincamys pascua 0 --> (01) (withinterminal)
1 Incamys bolivi an 0 --> (01) (withinterminal)
1 Microscleromys p 0 --> (01) (withinterminal)
1 Scleromys quadra 0 --> (01) (withinterminal)
1 Scleromys angust 0 --> (01) (withinterminal)
1 Drytomomys aequa 0 --> (01) (withinterminal)
1 Potamarchus muri 0 --> (01) (withinterminal)
1 Neoeptiblema ambr 0 --> (01) (withinterminal)
1 Scleromys osborn 0 --> (01) (withinterminal)
1 Garri domys curnu 0 --> (01) (withinterminal)
1 Eoviscaccia fras 0 --> (01) (withinterminal)
1 Eoviscaccia aust 0 --> (01) (withinterminal)
1 Scleromys praecu 0 --> (01) (withinterminal)
1 Chambiramys ship 0 --> (01) (withinterminal)
1 Eoincamys parvus 0 --> (01) (withinterminal)
1 Chambiramys sylv 0 --> (01) (withinterminal)
1 Eoincamys valver 0 --> (01) (withinterminal)
1 Eoincamys ameghi 0 --> (01) (withinterminal)
1 Draconomys verai 0 --> (01) (withinterminal)
1 Leucokephalos ze 0 --> (01) (withinterminal)
1 Platypittamys br 0 --> (01) (withinterminal)
1 Deseadomys aramb 0 --> (01) (withinterminal)
1 Acaremys murinus 0 --> (01) (withinterminal)

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507 (Lateral proce) 1.000

Hsearch_Consensus.out

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1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1     node_183 0 ==> 1 node_182
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1     Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1     Cavi a aperea 0 --> (01) (wi thi n termi nal)
1     Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)

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508 (Devel opment o) 1.000

Hsearch_Consensus.out

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1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1      Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1      node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespi na woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteir omys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 node_125 0 ==> 1 Erethi zon dorsat
1 Steir omys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteir omys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteir omys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 node_133 0 ==> 1 node_132
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_139 0 ==> 1 Dasypsecta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microsscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucocephal os ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platytip tamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to tril of 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Ple siacarechi mys 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 0 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Branisamys luri b 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoeptilema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_182 0 --> 1 node_176
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)

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510 (Thickness of) 0.250

Hsearch_Consensus.out

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1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 node_171 1 --> 0 Thrichomys apere
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 --> 0 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_208
1 Metaphomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Comomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 0 --> (01) (wi thi n termi nal)
1 Hyposteioromys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Branisamys luri b 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_197
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivian 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 node_148 1 --> 0 node_145
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)

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511 (Development o) 0.250

Hsearch_Consensus.out

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1 Eoviscaccia frasca 1 --> (01) (with terminal)
1 Eoviscaccia austriaca 1 --> (01) (with terminal)
1 Scleromys praecursor 1 --> (01) (with terminal)
1 Chambi ramys shipp 1 --> (01) (with terminal)
1 Eoincamys parvus 1 --> (01) (with terminal)
1 Chambi ramys sylvaticus 1 --> (01) (with terminal)
1 Eoincamys valverde 1 --> (01) (with terminal)
1 Eoincamys ameghii 1 --> (01) (with terminal)
1 Draconomys verai 1 --> (01) (with terminal)
1 Leucokephalos zelandicus 1 --> (01) (with terminal)
1 Deseadomys aramburui 1 --> (01) (with terminal)
1 Sciomyz principis 1 --> (01) (with terminal)
1 Galileomys eurygaster 1 --> (01) (with terminal)
1 Willidewu estepae 1 --> (01) (with terminal)
1 node_183 1 ==> 0 node_182
1 Spaniomyz ripari 0 --> (01) (with terminal)
1 Maruchitotrilofus 0 --> (01) (with terminal)
1 Protadelphomys laticauda 0 --> (01) (with terminal)
1 Xenodontomys simonsi 0 --> (01) (with terminal)
1 Neophanomys bipartitus 0 --> (01) (with terminal)
1 node_180 0 --> 1 node_179
1 Pithanotomys colsoni 1 --> (01) (with terminal)
1 Adelphomys candi 1 --> (01) (with terminal)
1 Prostichomys bowdler 1 --> (01) (with terminal)
1 Stichomys regularis 1 --> (01) (with terminal)
1 Dudumus rui gomez 1 --> (01) (with terminal)
1 Pampamys emmonsa 1 --> (01) (with terminal)
1 Caviocricetus luisi 1 --> (01) (with terminal)
1 Plesiacaarechimyza 1 --> (01) (with terminal)
1 Sallamys pascual 1 --> (01) (with terminal)
1 Mayomys confluent 1 --> (01) (with terminal)
1 Eosallamys paula 1 --> (01) (with terminal)
1 Shapajamys laboc 0 --> (01) (with terminal)
1 Eobranisamys romani 0 --> (01) (with terminal)
1 Eobranisamys javanicus 0 --> (01) (with terminal)
1 Pozomys ucayalies 0 --> (01) (with terminal)
1 Tarapotomys mayo 0 --> (01) (with terminal)
1 Tarapotomys subandinus 0 --> (01) (with terminal)
1 Cachi yacuy kumme 0 --> (01) (with terminal)
1 Metaphomys schaefferi 0 --> (01) (with terminal)
1 Acritophomys bolivianus 0 --> (01) (with terminal)
1 Baluchimys barryi 0 --> (01) (with terminal)
1 Archetypomys erlangeri 1 --> (01) (with terminal)
1 Tribosphenomys masoni 1 --> (01) (with terminal)
1 Cocomys ligchaeni 1 --> (01) (with terminal)
1 Reithroparamys dunn 1 --> (01) (with terminal)
1 Birbalomys sonda 1 --> (01) (with terminal)
1 Tamquammys dispiratus 1 --> (01) (with terminal)
1 Chapattimys wilsoni 1 --> (01) (with terminal)
1 Ottomaniaproavis 1 --> (01) (with terminal)
1 Bugtimys zafaruli 1 --> (01) (with terminal)
1 Hodsahibi azrae 1 --> (01) (with terminal)
1 'Waslamys' attia 1 --> (01) (with terminal)
1 Phiomys hammudai 1 --> (01) (with terminal)
1 Cachi yacuy conta 1 --> (01) (with terminal)
1 Eoespina woodi -E 1 --> (01) (with terminal)
1 Canaanimys maqui 1 --> (01) (with terminal)
1 Protosteioromys masoni 1 --> (01) (with terminal)
1 Eosteioromys homomys 1 --> (01) (with terminal)
1 Branisamyopsis a 1 --> (01) (with terminal)
1 Neosteioromys patagonicus 1 --> (01) (with terminal)
1 Steioromys detentus 1 --> (01) (with terminal)
1 Hyposteioromys a 1 --> (01) (with terminal)
1 Chaetomys subsp 1 --> (01) (with terminal)
1 Palaeosteioromys 1 --> (01) (with terminal)
1 node_140 1 --> 0 node_138
1 Australoprocta f 0 --> (01) (with terminal)
1 Luantus propheti 0 --> (01) (with terminal)

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Hsearch_Consensus.out

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1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1      Dasyprocta 1 --> (01) (wi thi n termi nal)
1      node_198 1 --> 0 node_197
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1      node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1      node_183 0 ==> 1 Abrocoma bennett
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wil s 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 node_132 1 ==> 0 Gal ea spi xi i
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_187 0 --> 1 Prospani omys pri
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pigo 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)

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Apomorphy lists:

Branch	Character	Steps	CI	Change
node_218 --> node_219	27 (Anterocingul)	1	0.444	0 --> 1
	64 (Metacone on)	1	0.222	0 --> 1
	203 (*Positi on o)	1	0.385	0 --> 1
node_219 --> Archetypomys erl	24 (Length of th)	1	0.500	1 ==> 0
	27 (Anterocingul)	1	0.444	1 --> 0
	28 (Posterior ar)	1	0.500	1 ==> 0
	33 (Labial proto)	1	0.333	1 --> 0
	64 (Metacone on)	1	0.222	1 --> 0
	125 (Parastyle o)	1	0.842	1 --> 0
	127 (Anterostyle)	1	0.333	0 ==> 1
	133 (Lingual ant)	1	0.333	1 --> 0
	136 (Outgrowth o)	1	1.000	1 --> 0
	138 (Outgrowth o)	1	0.500	1 --> 0
	187 (Hypocone on)	1	1.000	1 ==> 0
	203 (*Positi on o)	1	0.385	1 --> 0
	204 (Anterior ar)	1	0.714	1 ==> 0
	352 (*Tri goni d h)	1	0.667	1 --> 0
	355 (*Di stance b)	2	0.800	0 --> 2
	361 (Thi ckness o)	1	0.600	0 --> 1
	391 (Ectol ophi d)	1	0.833	1 --> 0
395 (Positi on of)	1	0.421	0 --> 1	
node_219 --> Tri bosphenomys m	22 (*Si ze of P4)	1	0.154	1 --> 2
	26 (Anterocingul)	1	0.667	0 ==> 1
	29 (Protoconule)	1	0.667	0 ==> 1
	33 (Labial proto)	1	0.333	1 --> 0
	36 (Lingual prot)	1	0.250	0 ==> 1
	41 (Metaconule o)	1	0.500	0 ==> 1
	68 (Metal oph on)	1	0.462	0 ==> 1
	105 (Hypocone on)	1	1.000	1 --> 0
	115 (Metal oph on)	1	0.667	1 --> 0
	125 (Parastyle o)	1	0.842	1 --> 0
	133 (Lingual ant)	1	0.333	1 --> 0
	136 (Outgrowth o)	1	1.000	1 --> 0
	138 (Outgrowth o)	1	0.500	1 --> 0
	164 (Mesostyle o)	1	0.625	1 --> 0
	203 (*Positi on o)	1	0.385	1 ==> 2
	256 (*Devel opmen)	1	0.308	1 --> 2
	260 (Anterior ar)	1	0.455	0 --> 1
352 (*Tri goni d h)	1	0.667	1 --> 0	
354 (*Length of)	1	0.360	0 --> 1	
355 (*Di stance b)	2	0.800	0 --> 2	

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Hsearch_Consensus.out
362 (Lingual con) 1 1.000 0 --> 1
396 (Anterior ar) 1 0.640 1 --> 0
441 (*Devel opmen) 1 0.238 1 --> 2
443 (*Devel opmen) 2 0.333 0 --> 2
node_218 --> Cocomys ligchaen 27 (Anteroci ngul) 1 0.444 0 --> 1
42 (*Devel opment) 1 0.667 1 ==> 0
64 (Metacone on) 1 0.222 0 --> 1
75 (Length of th) 1 0.600 0 --> 1
78 (Anteroci ngul) 1 0.250 0 ==> 1
82 (Posterior ar) 1 0.333 0 ==> 1
113 (Anterior ar) 1 0.600 0 --> 1
124 (Labial peri) 1 1.000 0 ==> 1
129 (Length of t) 1 0.250 0 --> 1
173 (Anterior ar) 1 0.520 0 --> 1
174 (Posterior a) 1 0.391 0 ==> 1
254 (*Talonid of) 1 0.375 2 ==> 1
256 (*Devel opmen) 1 0.308 1 ==> 0
262 (Labial conn) 1 0.588 0 --> 1
357 (Positi on of) 1 0.231 1 ==> 0
460 (Margi ns of) 1 0.250 0 --> 2
469 (*Devel opmen) 1 0.250 1 --> 2
486 (*Devel opmen) 2 0.222 0 --> 2
487 (Positi on of) 1 0.500 0 --> 1
490 (Devel opment) 1 0.250 0 --> 1
492 (Anterior ma) 1 0.400 1 --> 2
495 (Masticy a) 1 0.333 0 --> 1
node_218 --> node_217 1 (*Cusp(-id)s a) 1 0.667 0 --> 1
3 (*Loph(-id)s () 1 0.273 0 ==> 1
30 (Outgrowth of) 1 0.333 0 --> 1
38 (*Ori entati on) 1 0.600 0 --> 1
58 (Hypocone on) 1 0.333 0 --> 1
83 (Protoconul e) 1 1.000 0 ==> 1
87 (*Ori entati on) 1 0.500 0 --> 1
150 (*Ori entati o) 1 0.727 0 --> 1
154 (*Ori entati o) 1 0.700 0 --> 1
188 (Hypocone on) 1 0.500 0 --> 1
189 (Devel opment) 1 1.000 0 ==> 1
203 (*Positi on o) 1 0.385 0 --> 1
208 (Posterior i) 1 0.100 0 --> 1
252 (*Length of ) 1 0.167 3 ==> 2
279 (Ectol ophi d) 1 0.500 0 ==> 1
293 (Anterior ou) 1 0.500 0 ==> 1
317 (Metaconid c) 1 0.571 0 --> 1
340 (*Positi on o) 1 0.412 0 --> 1
342 (Hypol ophi d) 1 1.000 0 --> 1
353 (Tri goni d wi) 1 0.125 0 --> 1
356 (Anteroci ngu) 1 0.667 0 --> 1
361 (Thi ckness o) 1 0.600 0 --> 1
395 (Positi on of) 1 0.421 0 --> 1
397 (Posterior i) 1 0.833 0 --> 1
398 (Hypol ophi d) 1 1.000 0 --> 1
456 (Length of t) 1 0.167 0 --> 1
461 (*Length of ) 1 0.118 1 --> 2
node_217 --> node_118 42 (*Devel opment) 1 0.667 1 ==> 2
43 (Mesostyle on) 1 0.500 0 ==> 1
75 (Length of th) 1 0.600 0 --> 1
85 (Lingual prot) 1 0.500 0 --> 1
129 (Length of t) 1 0.250 0 --> 1
253 (Wi dth of p4) 1 0.111 1 ==> 0
257 (Metaconid-p) 1 0.333 0 ==> 1
261 (Anterior ar) 1 0.533 0 --> 1
295 (Devel opment) 1 1.000 0 --> 1
368 (Posterior i) 1 0.600 0 --> 1
408 (Hypoconul id) 1 0.667 0 ==> 1
460 (Margi ns of) 1 0.250 0 --> 1
500 (Devel opment) 1 0.143 0 --> 1
node_118 --> Reithroparamys d 150 (*Ori entati o) 1 0.727 1 --> 0
154 (*Ori entati o) 1 0.700 1 --> 0

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Hsearch_Consensus.out
208 (Posterior i) 1 0.100 1 --> 0
252 (*Length of) 1 0.167 2 ==> 1
256 (*Development) 1 0.308 1 ==> 0
352 (*Trigond h) 1 0.667 1 ==> 0
353 (Trigond wi) 1 0.125 1 --> 0
361 (Thickness o) 1 0.600 1 --> 0
400 (Length of t) 1 1.000 1 ==> 0
406 (Hypoconulid) 1 0.800 0 ==> 1
node_118 --> Birbalomys sonda 1 (*Cusp(-id)s a) 1 0.667 1 --> 0
31 (Length of th) 1 0.333 0 ==> 1
49 (Anterior arm) 1 0.500 1 ==> 0
50 (Posterior ar) 1 0.556 1 ==> 0
173 (Anterior ar) 1 0.520 0 --> 1
201 (*Development) 1 0.400 0 ==> 1
203 (*Position o) 1 0.385 1 ==> 2
264 (Thickness o) 1 0.500 0 ==> 1
267 (Buccal meta) 1 0.667 0 ==> 1
276 (Mesoconid o) 1 0.714 0 ==> 1
285 (Hypolophid) 1 0.667 0 ==> 1
294 (Hypoconulid) 1 0.750 0 ==> 1
357 (Position of) 1 0.231 1 ==> 0
358 (*Protoconid) 1 0.333 0 ==> 1
389 (Mesolophid) 1 0.800 0 ==> 1
node_217 --> node_216 16 (Type of HSB) 1 0.500 0 --> 1
24 (Length of th) 1 0.500 1 ==> 0
29 (Protoconule) 1 0.667 0 ==> 1
32 (Height of th) 1 1.000 0 --> 1
45 (Height of th) 1 1.000 0 --> 1
47 (*Posterior i) 2 0.600 0 --> 2
65 (Metacone-pos) 1 0.286 0 --> 1
67 (Anterior arm) 1 0.500 0 --> 1
73 (*DP4 length/) 1 0.333 0 --> 1
74 (Labial peric) 1 1.000 0 --> 1
76 (*Height of t) 1 0.500 0 --> 1
77 (Anterocingul) 1 0.750 0 --> 1
80 (Outgrowth of) 1 0.500 0 --> 1
92 (Metaconule p) 1 1.000 0 --> 1
93 (Mesostyle on) 1 0.833 0 --> 1
106 (Development) 1 1.000 0 --> 1
113 (Anterior ar) 1 0.600 0 --> 1
118 (Lingual con) 1 0.800 1 --> 0
119 (Direct meta) 1 1.000 0 --> 1
144 (Protoconule) 1 1.000 0 ==> 1
190 (Development) 1 0.333 0 --> 1
219 (Direct meta) 1 0.500 0 --> 1
220 (Direct meta) 1 1.000 0 ==> 1
270 (Lingual con) 1 0.773 0 --> 1
291 (Height of t) 1 0.250 0 --> 1
296 (*Distance b) 1 0.167 1 --> 2
302 (Proportions) 1 0.500 0 --> 1
304 (Paraconid) 1 1.000 0 --> 1
305 (Anteroconid) 1 0.286 0 --> 1
332 (Mesoconid o) 1 0.667 0 --> 1
347 (*Height of) 1 0.500 1 --> 2
394 (Mesiodistal) 1 1.000 0 --> 1
399 (Height of t) 1 1.000 0 --> 1
439 (Notch for t) 1 0.360 4 --> 1
440 (*Location o) 2 0.261 3 --> 1
441 (*Development) 1 0.238 1 --> 0
442 (*Anterior o) 2 0.214 2 --> 0
443 (*Development) 1 0.333 0 --> 1
448 (Height of t) 1 0.143 0 --> 1
451 (*Posterior) 1 0.200 0 --> 1
462 (*Posterior) 1 0.154 0 --> 1
465 (Posterior s) 1 0.667 0 --> 1
466 (Development) 1 1.000 0 ==> 1
471 (Postorbital) 1 0.077 0 --> 1
node_216 --> Tamquammys di spi 17 (*IPM arrange) 1 0.538 0 --> 1

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Hsearch_Consensus.out

	30 (Outgrowth of)	1	0.333	1	-->	0
	41 (Metaconule o)	1	0.500	0	==>	0
	58 (Hypocone on)	1	0.333	1	-->	0
	64 (Metacone on)	1	0.222	0	-->	1
	68 (Metaloph on)	1	0.462	0	==>	1
	127 (Anterostyle)	1	0.333	0	==>	1
	164 (Mesostyle o)	1	0.625	1	==>	0
	254 (*Talonid of)	2	0.375	2	==>	0
	258 (*Positi on o)	1	0.375	1	==>	0
	290 (Anterior ar)	1	0.500	1	==>	0
	382 (Protoconid)	1	1.000	0	==>	1
	396 (Anterior ar)	1	0.640	1	==>	0
	397 (Posterior i)	1	0.833	1	-->	0
node_216 --> node_215	26 (Anterocingul)	1	0.667	0	==>	1
	125 (Parastyle o)	1	0.842	1	==>	0
	126 (Height the)	1	1.000	0	-->	1
	130 (Anterocingu)	1	0.700	0	==>	1
	131 (Anterocingu)	1	0.500	0	==>	1
	157 (Mure on M3)	1	0.500	0	-->	1
	221 (Labial part)	1	1.000	0	==>	1
	264 (Thickness o)	1	0.500	0	==>	1
	280 (*Height of)	1	0.667	1	==>	2
	285 (Hypolophid)	1	0.667	0	-->	1
	358 (*Protoconid)	2	0.333	0	-->	2
	376 (Lingual con)	1	0.636	0	-->	2
	378 (Direction o)	1	0.625	0	-->	1
	386 (Mesoconid o)	1	0.857	0	-->	1
	392 (Mesiolabial)	1	0.931	0	-->	1
	433 (*Mandible)	1	0.667	0	-->	1
node_215 --> Chapattimys wil s	16 (Type of HSB)	1	0.500	1	-->	0
	38 (*Orientati on)	1	0.600	1	-->	0
	129 (Length of t)	1	0.250	0	-->	1
	155 (Mure on M1-)	1	0.667	0	==>	1
	169 (Anterior is)	1	0.778	0	==>	1
	171 (Posterior i)	1	0.640	0	==>	1
	173 (Anterior ar)	1	0.520	0	-->	1
	174 (Posterior a)	1	0.391	0	==>	1
	188 (Hypocone on)	1	0.500	1	==>	0
	201 (*Devel opmen)	1	0.400	0	==>	1
	203 (*Positi on o)	1	0.385	1	==>	2
	206 (Posterior i)	1	0.462	0	==>	1
	219 (Direct meta)	1	0.500	1	-->	0
	276 (Mesoconid o)	1	0.714	0	==>	1
	284 (*Posterior)	1	0.474	1	==>	0
	294 (Hypoconul id)	1	0.750	0	==>	1
	357 (Positi on of)	1	0.231	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
node_215 --> node_214	1 (*Cusp(-id)s a)	1	0.667	1	==>	2
	2 (Cusp(-id)s)	1	1.000	0	==>	1
	37 (Height of th)	1	1.000	0	-->	1
	59 (Anterior arm)	1	0.778	0	-->	1
	128 (*Anterocing)	1	0.750	0	==>	1
	132 (Anterocingu)	1	1.000	0	==>	1
	133 (Lingual ant)	1	0.333	1	-->	0
	135 (*Protocone)	1	0.500	0	-->	1
	143 (Thickness o)	1	0.643	0	==>	1
	148 (*Height of)	1	0.571	1	==>	2
	152 (*Height of)	1	0.667	1	==>	2
	156 (Length of t)	1	1.000	0	-->	1
	159 (*Height of)	1	0.667	1	-->	2
	162 (Devel opment)	1	1.000	0	==>	1
	163 (Metaconule)	1	1.000	0	==>	1
	175 (Thi rd crest)	1	0.333	0	==>	1
	177 (Mesolophul e)	1	0.583	0	==>	1
	194 (Anterior ar)	1	1.000	0	==>	1
	205 (Thickness o)	1	0.600	0	==>	1
	222 (Lingual con)	1	0.273	0	==>	1
	262 (Labial conn)	1	0.588	0	-->	1


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Hsearch_Consensus.out
270 (Lingual con) 1 0.773 1 --> 3
286 (Length of t) 1 0.571 0 --> 1
352 (*Tri goni d h) 1 0.667 1 ==> 2
355 (*Di stance b) 1 0.800 0 ==> 1
364 (Height of t) 1 1.000 0 ==> 1
377 (Height of t) 1 1.000 0 ==> 1
379 (Labial conn) 1 1.000 0 ==> 1
404 (*Height of ) 1 0.308 1 ==> 2
node_214 --> node_213
78 (Anteroci ngul) 1 0.250 0 --> 1
82 (Posterior ar) 1 0.333 0 --> 1
99 (Thi rd crest ) 1 0.500 0 --> 1
103 (Mesol ophul e) 1 0.429 0 --> 1
107 (Anterior ar) 1 1.000 0 ==> 1
116 (Posterior a) 1 0.667 0 --> 1
137 (Length of t) 1 1.000 0 ==> 1
139 (Length of t) 1 0.500 0 --> 1
141 (Length of t) 1 0.500 0 ==> 1
176 (Thi rd crest) 1 0.667 0 ==> 1
178 (Mesol ophul e) 1 0.583 0 ==> 1
228 (Mesi al meso) 1 0.400 0 --> 1
313 (Mesostyli d ) 1 0.571 0 ==> 1
327 (Thi rd crist) 1 0.250 0 ==> 1
329 (Neomesol oph) 1 0.529 0 --> 1
333 (Mesol ophi d ) 1 0.500 0 ==> 1
341 (Posterior i) 1 0.846 1 ==> 0
345 (Devel opment) 1 0.800 1 --> 0
375 (*Length of ) 1 0.353 1 ==> 0
node_213 --> Ottomani a proavi
23 (Anteroci ngul) 1 1.000 1 ==> 0
30 (Outgrowth of) 1 0.333 1 --> 0
33 (Labial proto) 1 0.333 1 ==> 0
36 (Lingual prot) 1 0.250 0 ==> 1
58 (Hypocone on ) 1 0.333 1 --> 0
64 (Metacone on ) 1 0.222 0 --> 1
73 (*DP4 length/) 1 0.333 1 --> 0
75 (Length of th) 1 0.600 0 --> 1
76 (*Height of t) 1 0.500 1 --> 0
77 (Anteroci ngul) 1 0.750 1 --> 0
108 (Connecti on ) 1 1.000 0 --> 1
127 (Anterostyle) 1 0.333 0 ==> 1
129 (Length of t) 1 0.250 0 --> 1
131 (Anteroci ngu) 1 0.500 1 ==> 0
133 (Lingual ant) 1 0.333 0 --> 1
135 (*Protocone ) 1 0.500 1 --> 0
138 (Outgrowth o) 1 0.500 1 ==> 0
192 (Posi ti on of) 1 0.154 0 ==> 1
195 (Connecti on ) 1 1.000 0 ==> 1
208 (Posterior i) 1 0.100 1 ==> 0
255 (Anterior ci) 1 0.667 0 ==> 1
259 (Metal ophul i) 1 0.429 0 ==> 1
260 (Anterior ar) 1 0.455 0 ==> 1
261 (Anterior ar) 1 0.533 0 ==> 1
263 (Posterior a) 1 0.286 0 ==> 1
269 (Posterior a) 1 0.545 0 ==> 1
279 (Ectol ophi d ) 1 0.500 1 ==> 0
285 (Hypol ophi d ) 1 0.667 1 --> 0
290 (Anterior ar) 1 0.500 1 ==> 0
293 (Anterior ou) 1 0.500 1 ==> 0
303 (Tri goni d wi) 1 0.125 0 ==> 1
308 (*Posi ti on o) 1 0.273 1 ==> 2
324 (Double ling) 1 0.857 0 ==> 1
325 (Protoconi d ) 1 0.400 1 ==> 0
338 (Alignm ent o) 1 0.308 0 ==> 1
395 (Posi ti on of) 1 0.421 1 ==> 0
node_213 --> node_212
51 (Thi rd crest ) 1 0.556 0 ==> 1
52 (Mesol ophul e) 1 0.643 0 ==> 1
69 (Lingual conn) 1 0.615 1 --> 2
71 (Di rect metal) 1 1.000 0 ==> 1
91 (Devel opment ) 1 0.500 0 --> 1

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	120 (*Size of M1)	1	0.125	1	-->	0
	122 (M1 length/w)	1	0.071	0	==>	1
	134 (Anterior ar)	1	1.000	0	==>	1
	135 (*Protocone)	1	0.500	1	==>	2
	155 (Mure on M1-)	1	0.667	0	-->	1
	160 (Mure-protol)	1	0.500	0	-->	1
	232 (Hypoflexus)	1	0.800	0	-->	1
	306 (Devel opment)	1	0.500	1	==>	0
	336 (Orientati on)	1	1.000	0	==>	1
	407 (Devel opment)	1	0.667	0	-->	1
node_212 --> node_120	22 (*Size of P4)	1	0.154	1	-->	2
	43 (Mesostyle on)	1	0.500	0	-->	1
	44 (*Devel opment)	1	0.636	1	-->	0
	46 (*Anterior is)	1	0.714	0	-->	1
	95 (*Anterior is)	1	1.000	0	==>	1
	96 (*Posterior i)	1	0.375	0	==>	1
	97 (Anterior arm)	1	0.375	0	==>	1
	98 (Posterior ar)	1	0.400	0	==>	1
	104 (Length of t)	1	1.000	0	==>	1
	114 (*Metacone-p)	1	0.375	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	1
	123 (M2 length/w)	1	0.154	0	==>	1
	158 (Length of t)	1	1.000	1	-->	0
	159 (*Height of)	1	0.667	2	-->	1
	169 (Anterior is)	1	0.778	0	-->	1
	171 (Posterior i)	1	0.640	0	-->	1
	173 (Anterior ar)	1	0.520	0	-->	1
	174 (Posterior a)	1	0.391	0	-->	1
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1
	267 (Buccal meta)	1	0.667	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
	345 (Devel opment)	1	0.800	0	-->	1
node_120 --> node_119	27 (Anterocingul)	1	0.444	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0
	91 (Devel opment)	1	0.500	1	-->	0
	142 (Posterior a)	1	0.731	0	==>	1
	160 (Mure-protol)	1	0.500	1	-->	0
	193 (Positi on of)	1	1.000	0	==>	1
	234 (*Transversa)	2	0.286	0	==>	2
	256 (*Devel opmen)	1	0.308	1	==>	2
	260 (Anterior ar)	1	0.455	0	-->	1
	262 (Labi al conn)	1	0.588	1	-->	0
	284 (*Posterior)	1	0.474	1	-->	2
	332 (Mesoconi d o)	1	0.667	1	==>	0
	334 (Lingual con)	1	0.632	0	-->	2
	338 (Alignm ent o)	1	0.308	0	-->	1
	372 (*Length of)	1	0.731	1	-->	0
	373 (Lingual con)	1	0.905	0	==>	2
	386 (Mesoconi d o)	1	0.857	1	-->	0
	407 (Devel opment)	1	0.667	1	-->	0
	437 (*Locati on o)	1	0.143	1	-->	2
	443 (*Devel opmen)	1	0.333	1	-->	2
node_119 --> Bugti mys zafarul	191 (Positi on of)	1	0.286	0	==>	1
	192 (Positi on of)	1	0.154	0	==>	1
	296 (*Di stance b)	1	0.167	2	==>	1
	388 (Lingual con)	1	0.857	0	==>	3
node_119 --> Hodsahi bi a azrae	73 (*DP4 length/)	1	0.333	1	==>	2
	135 (*Protocone)	1	0.500	2	==>	1
	255 (Anterior ci)	1	0.667	0	==>	1
	325 (Protoconi d)	1	0.400	1	==>	0
	359 (Posterior a)	1	0.500	0	==>	1
node_120 --> 'Wasl amys' attia	42 (*Devel opment)	1	0.667	1	==>	0
	46 (*Anterior is)	1	0.714	1	==>	2
	61 (Orientati on)	1	0.500	0	-->	1
	76 (*Hei ght of t)	1	0.500	1	-->	0
	95 (*Anterior is)	1	1.000	1	==>	2

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	96 (*Posterior i)	1	0.375	1	==>	2
	139 (Length of t)	1	0.500	1	-->	0
	141 (Length of t)	1	0.500	1	==>	0
	190 (Development)	1	0.333	1	==>	0
	201 (*Development)	1	0.400	0	==>	1
	287 (Labial conn)	1	0.833	2	==>	0
	307 (Anterior ci)	1	0.500	0	==>	1
	308 (*Position o)	1	0.273	1	==>	2
	310 (Metalophuli)	1	0.600	0	==>	1
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	==>	1
	323 (Lingual con)	1	0.800	3	==>	0
	329 (Neomesoloph)	1	0.529	1	-->	0
	356 (Anterocingu)	1	0.667	1	==>	0
	376 (Lingual con)	1	0.636	2	==>	0
node_212 --> node_211	441 (*Development)	1	0.238	0	-->	1
	17 (*IPM arrange)	2	0.538	0	-->	2
	41 (Metaconule o)	1	0.500	0	==>	1
	55 (Lingual conn)	1	1.000	0	-->	2
	72 (Height of th)	1	1.000	0	-->	1
	78 (Anterocingul)	1	0.250	1	-->	0
	88 (Mure on DP4)	1	0.600	0	-->	1
	116 (Posterior a)	1	0.667	1	-->	0
	130 (Anterocingu)	1	0.700	1	==>	0
	143 (Thickness o)	1	0.643	1	-->	0
	150 (*Orientation)	1	0.727	1	-->	2
	154 (*Orientation)	1	0.700	1	-->	2
	161 (Metaconule)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	1	-->	2
	217 (Lingual con)	1	0.696	1	==>	2
	265 (Mesostylid)	1	0.583	0	==>	1
	340 (*Position o)	1	0.412	1	==>	2
	354 (*Length of)	1	0.360	0	-->	1
	358 (*Protoconid)	1	0.333	2	-->	1
	390 (Lingual con)	1	1.000	0	-->	2
	396 (Anterior ar)	1	0.640	1	-->	0
	397 (Posterior i)	1	0.833	1	-->	0
	406 (Hypoconulid)	1	0.800	0	-->	1
node_211 --> node_210	408 (Hypoconulid)	1	0.667	0	==>	1
	10 (Substitution)	1	0.250	0	-->	1
	40 (Height of th)	1	1.000	0	-->	1
	89 (Length of th)	1	0.750	0	==>	1
	90 (Metaconule o)	1	1.000	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	3
	120 (*Size of M1)	1	0.125	0	-->	1
	215 (Lingual con)	1	0.870	2	-->	3
	305 (Anteroconid)	1	0.286	1	-->	0
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	-->	1
	344 (Hypoconulid)	1	0.750	0	-->	1
node_210 --> node_209	443 (*Development)	1	0.333	1	-->	2
	76 (*Height of t)	1	0.500	1	==>	2
	87 (*Orientation)	1	0.500	1	==>	2
	114 (*Metacone-p)	2	0.375	0	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	128 (*Anterocing)	1	0.750	1	-->	2
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1
	307 (Anterior ci)	1	0.500	0	==>	1
	310 (Metalophuli)	1	0.600	0	==>	1
	356 (Anterocingu)	1	0.667	1	==>	0
	434 (*Length of)	1	0.333	0	-->	1
	437 (*Location o)	1	0.143	1	-->	2
node_209 --> node_207	440 (*Location o)	1	0.261	1	-->	0
	10 (Substitution)	1	0.250	1	-->	0
	17 (*IPM arrange)	1	0.538	2	-->	1
	84 (Orientation)	1	0.471	0	-->	1
	94 (Surface of t)	1	0.333	0	-->	1

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	97 (Anterior arm)	1	0.375	0	-->	1
	98 (Posterior ar)	1	0.400	0	-->	1
	100 (Mesoloph on)	1	0.429	0	-->	1
	112 (Development)	1	1.000	0	-->	1
	121 (*Size of M3)	1	0.130	1	-->	0
	179 (*Length of)	1	0.680	1	=>	0
	180 (Mesoloph on)	1	0.800	0	=>	1
	181 (Mesoloph on)	1	0.889	0	=>	1
	305 (Anteroconid)	1	0.286	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
	366 (Mesostylid)	1	0.750	0	=>	1
	373 (Lingual con)	1	0.905	0	-->	2
	383 (Neomesoloph)	1	0.767	0	-->	1
	444 (*Development)	1	0.231	0	-->	1
	461 (*Length of)	2	0.118	2	-->	0
	474 (Frontal pro)	1	0.111	0	-->	1
	494 (Development)	1	0.167	0	-->	1
node_207 --> Phiomys hammudai	61 (Orientation)	1	0.500	0	-->	1
	65 (Metacone-pos)	1	0.286	1	=>	0
	128 (*Anterocing)	1	0.750	2	-->	1
	192 (Position of)	1	0.154	0	=>	1
	206 (Posterior i)	1	0.462	1	-->	0
	256 (*Development)	1	0.308	1	=>	0
	287 (Labial conn)	1	0.833	2	=>	0
	306 (Development)	1	0.500	0	=>	1
	325 (Protoconid)	1	0.400	1	=>	0
	340 (*Position o)	1	0.412	2	=>	1
	344 (Hypoconulid)	1	0.750	1	-->	0
node_207 --> node_206	358 (*Protoconid)	1	0.333	1	=>	0
	25 (Height of th)	1	1.000	0	=>	1
	39 (Mure on P4)	1	0.500	0	=>	1
	43 (Mesostyle on)	1	0.500	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	55 (Lingual conn)	1	1.000	2	-->	1
	60 (Length of th)	1	0.500	0	-->	1
	66 (Fusion of th)	1	0.500	0	-->	1
	68 (Metaloph on)	1	0.462	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0
	146 (Orientation)	1	0.814	0	=>	1
	166 (*Development)	1	0.545	0	=>	1
	167 (*Height of)	1	0.750	0	=>	1
	168 (*Position o)	1	0.375	0	=>	1
	201 (*Development)	1	0.400	0	=>	1
	286 (Length of t)	1	0.571	1	=>	0
	296 (*Distance b)	2	0.167	2	=>	0
	315 (Anterior co)	1	0.833	1	-->	0
	330 (Length of t)	1	0.500	0	-->	1
	339 (Mesoconid-l)	1	0.625	0	-->	1
	358 (*Protoconid)	1	0.333	1	-->	2
node_206 --> node_205	396 (Anterior ar)	1	0.640	0	=>	1
	38 (*Orientation)	1	0.600	1	=>	2
node_205 --> node_122	174 (Posterior a)	1	0.391	0	-->	1
	69 (Lingual conn)	1	0.615	0	-->	3
	115 (Metaloph on)	1	0.667	1	-->	0
	173 (Anterior ar)	1	0.520	0	-->	1
	270 (Lingual con)	1	0.773	3	-->	2
	272 (Neomesoloph)	1	0.632	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	284 (*Posterior)	1	0.474	1	-->	2
	341 (Posterior i)	1	0.846	0	=>	1
	441 (*Development)	1	0.238	0	-->	1
node_122 --> node_121	142 (Posterior a)	1	0.731	0	-->	1
	208 (Posterior i)	1	0.100	1	=>	0
node_121 --> Cachi yacuy conta	217 (Lingual con)	1	0.696	2	=>	0
	308 (*Position o)	1	0.273	1	=>	0
node_121 --> Eoespina woodi -E	111 (Metacone on)	1	0.167	0	=>	1
	122 (M1 length/w)	1	0.071	0	=>	1
	357 (Position of)	1	0.231	1	=>	0

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node_122 --> Canaani mys maqui	147 (Lingual pro)	1	0.643	0	==>	1
	184 (Double ling)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	3	==>	2
	323 (Lingual con)	1	0.800	3	==>	2
	340 (*Positi on o)	1	0.412	2	==>	1
node_205 --> node_204	62 (Pronounced A)	1	0.444	0	==>	1
	73 (*DP4 length/)	1	0.333	1	==>	2
	117 (Lingual spu)	1	0.667	0	==>	1
	122 (M1 length/w)	1	0.071	0	==>	1
	252 (*Length of)	1	0.167	2	-->	1
	253 (Width of p4)	1	0.111	1	-->	0
	284 (*Posterior)	1	0.474	1	==>	0
	305 (Anteroconi d)	1	0.286	1	-->	0
	314 (Anterior is)	1	0.500	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	437 (*Locati on o)	1	0.143	2	-->	1
node_204 --> node_201	35 (Orientati on)	1	0.450	0	-->	1
	47 (*Posterior i)	1	0.600	2	-->	1
	56 (Mesol oph on)	1	0.750	0	==>	1
	109 (Pronounced)	1	0.333	0	-->	1
	214 (Posterol oph)	1	0.846	0	==>	1
	217 (Lingual con)	1	0.696	2	==>	4
	270 (Lingual con)	1	0.773	3	-->	0
	334 (Lingual con)	1	0.632	0	-->	1
	443 (*Devel opmen)	1	0.333	2	-->	1
node_201 --> node_198	52 (Mesol ophul e)	1	0.643	1	==>	0
	82 (Posterior ar)	1	0.333	1	-->	0
	179 (*Length of)	1	0.680	0	-->	1
	196 (Pronounced)	1	0.742	0	-->	1
	197 (Pronounced)	1	0.435	0	==>	1
	225 (Si ze of the)	1	0.400	1	-->	0
	329 (Neomesol oph)	1	0.529	0	-->	1
	334 (Lingual con)	1	0.632	1	-->	2
	339 (Mesoconi d-l)	1	0.625	1	-->	0
	375 (*Length of)	1	0.353	0	==>	1
	441 (*Devel opmen)	1	0.238	0	==>	1
node_198 --> node_141	31 (Length of th)	1	0.333	0	==>	1
	49 (Anterior arm)	1	0.500	1	-->	0
	66 (Fusi on of th)	1	0.500	1	==>	0
	68 (Metal oph on)	1	0.462	1	==>	0
	69 (Lingual conn)	1	0.615	0	-->	3
	84 (Orientati on)	1	0.471	1	-->	0
	109 (Pronounced)	1	0.333	1	-->	0
	123 (M2 length/w)	1	0.154	0	==>	1
	142 (Posterior a)	1	0.731	0	==>	1
	174 (Posterior a)	1	0.391	1	-->	0
	208 (Posterior i)	1	0.100	1	-->	0
	243 (Posterior p)	1	0.333	0	-->	1
	248 (*Number of)	1	0.667	1	-->	2
	249 (*Number of)	1	0.667	1	-->	2
	252 (*Length of)	1	0.167	1	==>	0
	272 (Neomesol oph)	1	0.632	0	-->	1
	303 (Tri goni d wi)	1	0.125	0	==>	1
	326 (Connecti on)	1	0.667	0	-->	1
	340 (*Positi on o)	1	0.412	2	==>	1
	384 (Length of t)	1	0.700	0	==>	1
	395 (Positi on of)	1	0.421	1	==>	0
	396 (Anterior ar)	1	0.640	1	-->	0
	444 (*Devel opmen)	1	0.231	1	==>	2
	446 (*Depth of t)	1	0.667	0	-->	1
	457 (*Length of)	1	0.154	1	==>	2
	482 (Associ ati on)	1	0.500	0	-->	1
	499 (Devel opment)	1	0.111	0	-->	1
node_141 --> node_130	501 (Sagi ttal cr)	1	0.333	0	-->	1
	146 (Orientati on)	1	0.814	1	-->	2
	185 (Lingual con)	1	0.688	1	-->	0
	196 (Pronounced)	1	0.742	1	-->	0
	208 (Posterior i)	1	0.100	0	-->	1

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	256 (*Devel opmen)	1	0.308	1	-->	0
	269 (Posterior a)	1	0.545	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	283 (Devel opment)	1	0.600	0	-->	1
	308 (*Positi on o)	1	0.273	1	-->	2
	314 (Anterior is)	1	0.500	0	-->	1
	317 (Metaconi d c)	1	0.571	1	==>	0
	323 (Lingual con)	1	0.800	3	-->	4
	341 (Posterior i)	1	0.846	0	-->	1
	357 (Positi on of)	1	0.231	1	-->	0
	375 (*Length of)	1	0.353	1	==>	0
	440 (*Locati on o)	1	0.261	0	==>	1
	442 (*Anterior o)	1	0.214	0	-->	1
	469 (*Devel opmen)	1	0.250	1	-->	2
	485 (*Positi on o)	1	0.231	2	-->	3
	487 (Positi on of)	1	0.500	0	-->	1
node_130 --> node_128	52 (Mesol ophul e)	1	0.643	0	-->	1
	73 (*DP4 length/)	1	0.333	2	-->	1
	78 (Anteroci ngul)	1	0.250	0	-->	1
	82 (Posterior ar)	1	0.333	0	-->	1
	84 (Ori entati on)	1	0.471	0	-->	2
	96 (*Posterior i)	1	0.375	0	-->	1
	197 (Pronounced)	1	0.435	1	==>	0
	277 (Mesol ophi d)	1	0.929	0	-->	1
	284 (*Posterior)	1	0.474	0	-->	1
	397 (Posterior i)	1	0.833	0	==>	1
	434 (*Length of)	1	0.333	1	-->	0
node_128 --> Protostei romys m	153 (Length of t)	1	0.667	0	==>	1
	178 (Mesol ophul e)	1	0.583	1	==>	0
	353 (Tri goni d wi)	1	0.125	1	==>	0
	357 (Positi on of)	1	0.231	0	-->	1
	372 (*Length of)	1	0.731	1	==>	2
node_128 --> node_127	123 (M2 length/w)	1	0.154	1	==>	0
	130 (Anteroci ngu)	1	0.700	0	==>	1
	372 (*Length of)	1	0.731	1	-->	0
node_127 --> node_126	21 (Thi rd upper)	1	0.333	0	-->	1
	22 (*Si ze of P4)	1	0.154	1	-->	0
	70 (Lingual conn)	1	0.333	0	-->	1
	73 (*DP4 length/)	1	0.333	1	-->	0
	111 (Metacone on)	1	0.167	0	-->	1
	121 (*Si ze of M3)	1	0.130	0	-->	1
	122 (M1 length/w)	1	0.071	1	-->	0
	192 (Positi on of)	1	0.154	0	-->	1
	256 (*Devel opmen)	2	0.308	0	==>	2
	258 (*Positi on o)	1	0.375	1	-->	2
	456 (Length of t)	1	0.167	1	-->	0
node_126 --> node_124	464 (Interorbi ta)	1	0.333	0	-->	1
	62 (Pronounced A)	1	0.444	1	==>	0
	143 (Thi ckness o)	1	0.643	0	-->	1
	179 (*Length of)	1	0.680	1	-->	0
	203 (*Positi on o)	1	0.385	1	==>	2
	281 (Interrupti o)	1	1.000	0	-->	1
	284 (*Posterior)	1	0.474	1	==>	2
	317 (Metaconi d c)	1	0.571	0	-->	1
	354 (*Length of)	1	0.360	1	-->	2
	444 (*Devel opmen)	2	0.231	2	-->	0
	451 (*Posterior)	1	0.200	1	-->	0
	452 (*Dorsoventr)	1	0.222	0	-->	1
	457 (*Length of)	1	0.154	2	-->	1
	459 (*Pal atal ri)	1	0.500	0	==>	1
	462 (*Posterior)	1	0.154	1	-->	0
node_124 --> Eostei romys homo	20 (*I nci sors pr)	1	0.125	1	==>	0
	35 (Ori entati on)	1	0.450	1	==>	2
	47 (*Posterior i)	1	0.600	1	-->	2
	48 (Mesostyle an)	1	1.000	0	==>	1
	51 (Thi rd crest)	1	0.556	1	==>	0
	52 (Mesol ophul e)	1	0.643	1	-->	0
	56 (Mesol oph on)	1	0.750	1	==>	0

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	67 (Anterior arm)	1	0.500	1	==>	0
	69 (Lingual conn)	1	0.615	3	==>	2
	130 (Anterocingu)	1	0.700	1	==>	0
	330 (Length of t)	1	0.500	1	==>	0
	353 (Trigoni d wi)	1	0.125	1	==>	0
node_124 --> node_123	20 (*Incisors pr)	1	0.125	1	-->	2
	22 (*Size of P4)	1	0.154	0	-->	1
	36 (Lingual prot)	1	0.250	0	==>	1
	49 (Anterior arm)	1	0.500	0	-->	1
	120 (*Size of M1)	1	0.125	1	-->	0
	142 (Posterior a)	1	0.731	1	==>	0
	147 (Lingual pro)	1	0.643	0	-->	1
	166 (*Developmen)	1	0.545	1	-->	2
	173 (Anterior ar)	1	0.520	0	==>	1
	174 (Posterior a)	1	0.391	0	==>	1
	268 (Neocristid)	1	0.250	0	-->	1
	276 (Mesoconid o)	1	0.714	0	-->	1
	323 (Lingual con)	1	0.800	4	-->	1
	328 (*Orientatio)	1	0.467	0	-->	1
	370 (Neocristid)	1	0.667	0	==>	1
	396 (Anterior ar)	1	0.640	0	-->	1
node_123 --> Brani samyopsi s a	65 (Metacone-pos)	1	0.286	1	==>	0
	192 (Positi on of)	1	0.154	1	-->	0
	197 (Pronounced)	1	0.435	0	==>	1
	217 (Lingual con)	1	0.696	4	==>	2
	357 (Positi on of)	1	0.231	0	==>	1
	360 (Length of t)	1	0.650	0	==>	1
node_123 --> Neostei romys pat	27 (Anterocingul)	1	0.444	0	==>	1
	31 (Length of th)	1	0.333	1	==>	0
	44 (*Development)	1	0.636	1	==>	2
	46 (*Anterior is)	1	0.714	0	==>	1
	169 (Anterior is)	1	0.778	0	==>	1
	171 (Posterior i)	1	0.640	0	==>	1
	368 (Posterior i)	1	0.600	0	==>	1
node_126 --> node_125	182 (*Length of)	1	0.625	1	-->	0
	210 (Mesostyle a)	1	1.000	0	==>	1
	329 (Neomesol oph)	1	0.529	1	-->	0
	334 (Lingual con)	1	0.632	2	-->	1
	384 (Length of t)	1	0.700	1	==>	0
	440 (*Locati on o)	1	0.261	1	==>	2
	441 (*Development)	1	0.238	1	==>	2
	444 (*Development)	1	0.231	2	==>	3
	458 (*Shape of t)	1	0.143	2	==>	1
	460 (Margins of)	1	0.250	0	-->	2
	471 (Postorbital)	1	0.077	1	==>	0
	474 (Frontal pro)	1	0.111	1	-->	0
node_125 --> Erethi zon dorsat	11 (Upper tooth)	1	0.125	0	==>	1
	20 (*Incisors pr)	1	0.125	1	==>	2
	70 (Lingual conn)	1	0.333	1	-->	0
	121 (*Size of M3)	1	0.130	1	==>	2
	191 (Positi on of)	1	0.286	0	==>	1
	197 (Pronounced)	1	0.435	0	==>	1
	258 (*Positi on o	1	0.375	2	-->	
	(01)					
	434 (*Length of)	1	0.333	0	-->	1
	439 (Notch for t)	1	0.360	1	==>	0
	448 (Height of t)	1	0.143	1	==>	0
	458 (*Shape of t)	1	0.143	1	==>	0
	509 (Epi tympani c)	1	0.333	0	==>	1
node_125 --> Coendou prehensi	122 (M1 length/w)	1	0.071	0	-->	1
	123 (M2 length/w)	1	0.154	0	==>	1
	192 (Positi on of)	1	0.154	1	-->	0
	464 (Interorbi ta)	1	0.333	1	-->	0
	485 (*Positi on o)	1	0.231	3	-->	2
	486 (*Development)	1	0.222	0	==>	1
	498 (Contact bet)	1	0.167	1	==>	0
	501 (Sagi ttal cr)	1	0.333	1	-->	0
	506 (Mastoi d pro)	1	0.250	1	==>	0

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node_127 --> Steiromys detent	50 (Posterior ar)	1	0.556	1	==>	0
	53 (Length of th)	1	0.750	0	==>	1
	114 (*Metacone-p)	1	0.375	2	-->	1
	120 (*Size of M1)	1	0.125	1	==>	0
	171 (Posterior i)	1	0.640	0	==>	1
	211 (Metaloph on)	1	0.647	0	==>	1
	223 (Lingual con)	1	0.333	1	==>	0
	265 (Mesostylid)	1	0.583	1	==>	0
	268 (Neocristid)	1	0.250	0	==>	1
	278 (Length of t)	1	1.000	0	==>	1
	328 (*Orientati o)	1	0.467	0	==>	1
node_130 --> node_129	5 (*Orientati on)	1	0.571	0	==>	1
	20 (*Incisors pr)	1	0.125	1	-->	0
	44 (*Devel opment)	1	0.636	1	-->	2
	56 (Mesoloph on)	1	0.750	1	-->	0
	65 (Metacone-pos)	1	0.286	1	==>	0
	102 (Lingual con)	1	0.857	1	-->	0
	103 (Mesolophul e)	1	0.429	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
	120 (*Si ze of M1)	1	0.125	1	-->	2
	152 (*Hei ght of)	1	0.667	2	-->	1
	166 (*Devel opmen)	1	0.545	1	==>	2
	179 (*Length of)	1	0.680	1	-->	0
	201 (*Devel opmen)	1	0.400	1	-->	2
	202 (Devel opment)	1	0.400	0	-->	1
	223 (Lingual con)	1	0.333	1	==>	0
	261 (Anterior ar)	1	0.533	0	-->	1
	262 (Labial conn)	1	0.588	1	-->	0
	272 (Neomesoloph)	1	0.632	1	-->	0
	318 (Neocristid)	1	1.000	0	-->	1
	340 (*Positi on o)	1	0.412	1	-->	0
	376 (Lingual con)	1	0.636	2	-->	3
	383 (Neomesoloph)	1	0.767	1	-->	0
	401 (Obliquity o)	1	0.632	0	==>	1
	438 (Positi on of)	1	0.286	0	-->	1
	447 (Coronoid pr)	1	0.500	0	-->	1
	450 (Length of t)	1	0.500	0	-->	1
	460 (Margins of)	1	0.250	0	-->	2
	489 (Sphenopal at)	1	0.375	1	-->	0
node_129 --> Hypsosteiromys a	4 (*Orientati on)	1	0.500	0	==>	1
	5 (*Orientati on)	1	0.571	1	==>	2
	11 (Upper tooth)	1	0.125	0	==>	1
	22 (*Si ze of P4)	1	0.154	1	==>	0
	47 (*Posterior i)	1	0.600	1	-->	2
	51 (Third crest)	1	0.556	1	==>	0
	84 (Orientati on)	1	0.471	0	-->	1
	150 (*Ori entati o)	1	0.727	2	==>	1
	154 (*Ori entati o)	1	0.700	2	==>	1
	191 (Positi on of)	1	0.286	0	==>	1
	203 (*Positi on o)	1	0.385	1	==>	2
	442 (*Anterior o)	1	0.214	1	-->	0
	461 (*Length of)	2	0.118	0	==>	2
node_129 --> Chaetomys subspi	3 (*Loph(-id)s)	1	0.273	1	==>	2
	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	2	0.111	0	==>	2
	22 (*Si ze of P4)	1	0.154	1	==>	2
	35 (Orientati on)	1	0.450	1	==>	0
	39 (Mure on P4)	1	0.500	1	==>	0
	47 (*Posterior i)	1	0.600	1	==>	0
	87 (*Ori entati on)	1	0.500	2	==>	1
	88 (Mure on DP4)	1	0.600	1	==>	0
	146 (Ori entati on)	1	0.814	2	==>	0
	155 (Mure on M1-)	1	0.667	1	==>	0
	157 (Mure on M3)	1	0.500	1	==>	0
	168 (*Positi on o)	1	0.375	1	==>	0
	206 (Posterior i)	1	0.462	1	==>	0
	208 (Posterior i)	1	0.100	1	-->	0
	222 (Lingual con)	1	0.273	1	==>	0

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	244 (Laminae on)	1	0.250	0	==>	1
	245 (Laminae on)	1	0.200	0	==>	1
	253 (Width of p4)	1	0.111	0	==>	1
	254 (*Talonid of)	1	0.375	2	==>	1
	265 (Mesostylid)	1	0.583	1	==>	0
	359 (Posterior a)	1	0.500	0	==>	1
	366 (Mesostylid)	1	0.750	1	==>	0
	371 (Posterior a)	1	0.706	0	==>	1
	441 (*Development)	1	0.238	1	==>	2
	443 (*Development)	1	0.333	1	==>	2
	458 (*Shape of t)	2	0.143	2	==>	0
	472 (Development)	1	0.333	0	==>	1
	488 (Palatine fo)	1	0.250	0	==>	1
node_141 --> Palaeosteiromys	182 (*Length of)	1	0.625	1	==>	0
	360 (Length of t)	1	0.650	0	==>	1
	370 (Neocristid)	1	0.667	0	==>	1
	375 (*Length of)	1	0.353	1	==>	2
	393 (Alignment o)	1	0.875	0	==>	1
	396 (Anterior ar)	1	0.640	0	-->	1
	397 (Posterior i)	1	0.833	0	==>	1
node_141 --> node_140	9 (*Degree of hy)	2	0.111	0	==>	2
	36 (Lingual prot)	1	0.250	0	-->	1
	47 (*Posterior i)	1	0.600	1	==>	0
	57 (Lingual conn)	1	0.692	1	==>	0
	70 (Lingual conn)	1	0.333	0	==>	1
	79 (Neocrestule)	1	0.750	0	-->	1
	97 (Anterior arm)	1	0.375	1	-->	0
	98 (Posterior ar)	1	0.400	1	-->	0
	146 (Orientation)	1	0.814	1	==>	0
	205 (Thickness o)	1	0.600	1	-->	0
	266 (*Anterior i)	1	0.846	1	==>	0
	325 (Protoconid)	1	0.400	1	-->	0
	388 (Lingual con)	1	0.857	0	==>	2
	401 (Obliquity o)	1	0.632	0	==>	1
	404 (*Height of)	2	0.308	2	-->	0
	444 (*Development)	1	0.231	2	-->	3
	449 (Condyl oid a)	1	0.667	0	==>	1
	452 (*Dorsoventr)	2	0.222	0	-->	2
	454 (Anterior pr)	1	0.111	0	-->	1
	462 (*Posterior)	1	0.154	1	-->	0
	469 (*Development)	1	0.250	1	-->	0
	474 (Frontal pro)	1	0.111	1	-->	0
	481 (*Development)	2	0.400	0	==>	2
	490 (Development)	1	0.250	0	-->	1
	495 (Masticory a)	1	0.333	0	-->	1
node_140 --> node_138	3 (*Loph(-id)s (	1	0.273	1	==>	2
	49 (Anterior arm)	1	0.500	0	-->	1
	222 (Lingual con)	1	0.273	1	==>	0
	249 (*Number of)	2	0.667	2	-->	4
	258 (*Position o)	1	0.375	1	-->	2
	262 (Labial conn)	1	0.588	1	-->	0
	270 (Lingual con)	1	0.773	0	-->	2
	374 (Posterior a)	1	0.375	0	==>	1
	384 (Length of t)	1	0.700	1	-->	0
	389 (Mesolophid)	1	0.800	0	==>	1
	390 (Lingual con)	1	1.000	2	-->	1
	438 (Position of)	1	0.286	0	-->	2
	446 (*Depth of t)	1	0.667	1	-->	2
	461 (*Length of)	2	0.118	0	==>	2
	485 (*Position o)	2	0.231	2	-->	0
	499 (Development)	1	0.111	1	-->	0
	512 (Accessory f)	1	0.250	1	-->	0
node_138 --> node_137	11 (Upper tooth)	1	0.125	0	==>	1
	17 (*IPM arrange)	1	0.538	1	==>	0
	31 (Length of th)	1	0.333	1	==>	0
	63 (Tendency to)	1	0.286	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	223 (Lingual con)	1	0.333	1	-->	0

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227 (*Reduction ) 2 0.143 0 --> 2
229 (*Reduction ) 1 0.167 0 --> 1
230 (Posteroflex) 1 0.500 0 --> 1
231 (Reduction o) 1 0.400 0 --> 1
261 (Anterior ar) 1 0.533 0 --> 1
303 (Trigoni d wi) 1 0.125 1 --> 0
322 (Posterior a) 1 0.600 1 --> 0
329 (Neomesoloph) 1 0.529 1 --> 0
334 (Lingual con) 1 0.632 2 --> 0
357 (Position of) 1 0.231 1 ==> 0
410 (Strong redu) 1 0.125 0 --> 1
440 (*Location o) 1 0.261 0 ==> 1
457 (*Length of ) 1 0.154 2 ==> 1
462 (*Posterior ) 1 0.154 0 --> 1
node_137 --> Australoprocta f 9 (*Degree of hy) 1 0.111 2 ==> 1
52 (Mesolophule ) 1 0.643 0 ==> 1
151 (Lingual pro) 1 0.400 0 ==> 1
192 (Position of) 1 0.154 0 ==> 1
227 (*Reduction ) 2 0.143 2 --> 0
229 (*Reduction ) 1 0.167 1 --> 0
258 (*Position o) 1 0.375 2 --> 1
289 (Alignment o) 1 0.800 0 ==> 1
292 (Length of t) 1 0.750 0 ==> 1
node_137 --> node_136 12 (Degree of th) 1 0.250 0 --> 1
19 (*Lower incis) 1 0.231 0 --> 1
35 (Orientation ) 1 0.450 1 --> 0
63 (Tendency to ) 1 0.286 1 --> 0
121 (*Size of M3) 1 0.130 1 --> 2
196 (Pronounced ) 1 0.742 1 --> 0
197 (Pronounced ) 1 0.435 1 --> 0
199 (Metacone on) 1 0.444 0 --> 1
213 (Height of t) 1 0.667 2 --> 0
214 (Posteroloph) 1 0.846 1 ==> 0
229 (*Reduction ) 1 0.167 1 --> 2
234 (*Transversa) 2 0.286 0 ==> 2
235 (Formation o) 1 0.200 0 ==> 1
252 (*Length of ) 1 0.167 0 --> 1
263 (Posterior a) 1 0.286 0 ==> 1
270 (Lingual con) 1 0.773 2 --> 3
272 (Neomesoloph) 1 0.632 1 --> 0
371 (Posterior a) 1 0.706 0 --> 1
395 (Position of) 1 0.421 0 --> 1
404 (*Height of ) 2 0.308 0 --> 2
416 (Transversal) 1 1.000 0 ==> 1
418 (Formation o) 1 0.400 0 ==> 1
443 (*Developmen) 1 0.333 1 --> 2
458 (*Shape of t) 1 0.143 2 --> 1
460 (Margins of ) 1 0.250 0 --> 1
461 (*Length of ) 1 0.118 2 --> 1
467 (Maxillary o) 1 0.400 0 --> 1
471 (Postorbital) 1 0.077 1 --> 0
492 (Anterior ma) 1 0.400 1 --> 0
501 (Sagittal cr) 1 0.333 1 --> 0
node_136 --> Luantus propheti 6 (Furrow opposi) 1 0.500 0 ==> 1
94 (Surface of t) 1 0.333 1 ==> 0
312 (Labial conn) 1 0.500 1 ==> 0
338 (Alignment o) 1 0.308 0 ==> 1
367 (Anterior is) 1 0.842 1 ==> 0
node_136 --> node_135 33 (Labial proto) 1 0.333 1 --> 0
39 (Mure on P4) 1 0.500 1 --> 0
211 (Metaloph on) 1 0.647 0 --> 1
226 (Paraflexus ) 1 0.143 0 --> 1
228 (Mesial meso) 1 0.400 1 --> 0
259 (Metalophuli) 1 0.429 0 ==> 1
260 (Anterior ar) 1 0.455 0 ==> 1
267 (Buccal meta) 1 0.667 0 ==> 1
308 (*Position o) 1 0.273 1 --> 0
313 (Mesostyli d) 1 0.571 1 --> 0

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	327 (Third crist)	1	0.250	1 --> 0
	333 (Mesolophid)	1	0.500	1 --> 0
	340 (*Position o)	1	0.412	1 --> 2
	396 (Anterior ar)	1	0.640	0 --> 1
	412 (Strong redu)	1	0.250	0 --> 1
	439 (Notch for t)	1	0.360	1 --> 2
	441 (*Developmen)	1	0.238	1 --> 2
	445 (Development)	1	0.500	0 --> 1
	453 (Alveolar pr)	1	0.333	0 --> 1
node_135 --> Asteromys punctu	9 (*Degree of hy)	1	0.111	2 ==> 1
	252 (*Length of)	1	0.167	1 --> 0
	256 (*Developmen)	1	0.308	1 ==> 0
	258 (*Position o)	1	0.375	2 --> 1
	265 (Mesostylid)	1	0.583	1 ==> 0
	284 (*Posterior)	1	0.474	0 ==> 1
	417 (Importance)	1	1.000	1 ==> 0
node_135 --> node_134	8 (*Cement (in y)	2	0.074	0 ==> 2
	9 (*Degree of hy)	1	0.111	2 ==> 3
	256 (*Developmen)	1	0.308	1 --> 2
	269 (Posterior a)	1	0.545	0 --> 1
	282 (Notch betwe)	1	0.500	0 --> 1
	283 (Development)	1	0.600	0 --> 1
	360 (Length of t)	1	0.650	0 --> 1
	409 (Anteroflexi)	1	0.286	0 ==> 1
	411 (Mesoflexid)	1	0.250	0 ==> 1
	413 (Metaflexid)	1	0.500	0 ==> 1
node_134 --> node_133	6 (Furrow opposi)	1	0.500	0 ==> 1
	253 (Width of p4)	1	0.111	0 --> 1
	297 (Anterior pr)	1	1.000	0 ==> 1
node_133 --> node_131	433 (*Mandible)	1	0.667	1 ==> 2
	254 (*Talonid of)	1	0.375	2 ==> 1
	298 (Development)	1	1.000	0 --> 1
	454 (Anterior pr)	1	0.111	1 --> 0
	457 (*Length of)	1	0.154	1 ==> 0
	464 (Interorbital)	1	0.333	0 ==> 1
	504 (Length of t)	1	0.333	0 ==> 1
	506 (Mastoid pro)	1	0.250	1 ==> 0
node_131 --> Dolichotis patag	7 (Transverse de)	1	0.500	0 ==> 1
	8 (*Cement (in y)	1	0.074	2 --> 1
	17 (*IPM arrange)	1	0.538	0 ==> 1
	252 (*Length of)	1	0.167	1 --> 0
	434 (*Length of)	1	0.333	1 ==> 2
	435 (Mandible at)	1	1.000	0 ==> 1
	437 (*Location o)	1	0.143	1 ==> 0
	440 (*Location o)	1	0.261	1 ==> 2
	448 (Height of t)	1	0.143	1 ==> 0
	452 (*Dorsoventr)	1	0.222	2 --> 1
	461 (*Length of)	1	0.118	1 ==> 0
	463 (Articulatio)	1	1.000	0 ==> 1
	471 (Postorbital)	1	0.077	0 --> 1
	474 (Frontal pro)	1	0.111	0 --> 1
	489 (Sphenopalat)	1	0.375	1 ==> 0
node_131 --> Hydrochoerus hyd	18 (Enamel of up)	1	0.286	1 ==> 0
	19 (*Lower incis)	1	0.231	1 ==> 2
	20 (*Incisors pr)	1	0.125	1 ==> 0
	241 (Shape of th)	1	0.750	2 ==> 0
	242 (Shape of th)	1	0.750	2 ==> 0
	243 (Posterior p)	1	0.333	1 --> 0
	245 (Laminae on)	1	0.200	0 ==> 1
	247 (Laminae on)	1	0.333	0 ==> 1
	250 (Primary ext)	1	1.000	0 ==> 1
	251 (Secondary e)	1	0.500	0 ==> 1
	299 (Primary int)	1	0.500	0 ==> 1
	300 (Fundamental)	1	0.500	0 ==> 1
	301 (Secondary e)	1	1.000	0 ==> 1
	354 (*Length of)	1	0.360	1 ==> 0
	420 (Shape of th)	1	0.750	0 ==> 1
	421 (Shape of th)	1	1.000	0 ==> 4

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	428 (Secondary i)	1	1.000	0	==>	1
	429 (Tertiary in)	1	0.500	0	==>	1
	430 (Primary int)	1	1.000	0	==>	1
	431 (Fundamental)	1	0.500	0	==>	1
	432 (Secondary e)	1	1.000	0	==>	1
	453 (Alveolar pr)	1	0.333	1	-->	0
	458 (*Shape of t)	1	0.143	1	-->	2
	460 (Margins of)	1	0.250	1	-->	0
	461 (*Length of)	1	0.118	1	-->	2
	462 (*Posterior)	1	0.154	1	==>	2
	467 (Maxillary o)	1	0.400	1	-->	0
	492 (Anterior ma)	1	0.400	0	-->	1
	499 (Development)	1	0.111	0	-->	1
node_133 --> node_132	443 (*Development)	1	0.333	2	-->	1
	484 (Exposure of)	1	1.000	0	==>	1
	498 (Contact bet)	1	0.167	1	==>	0
node_132 --> Cavia aperea	509 (Epi tympanic)	1	0.333	0	==>	1
	7 (Transverse de)	1	0.500	0	==>	1
	18 (Enamel of up)	1	0.286	1	==>	0
	251 (Secondary e)	1	0.500	0	==>	1
	252 (*Length of)	1	0.167	1	-->	0
	253 (Width of p4)	1	0.111	1	-->	0
	299 (Primary int)	1	0.500	0	==>	1
	300 (Fundamental)	1	0.500	0	==>	1
	420 (Shape of th)	1	0.750	0	==>	2
	421 (Shape of th)	1	1.000	0	==>	1
	429 (Tertiary in)	1	0.500	0	==>	1
	431 (Fundamental)	1	0.500	0	==>	1
	437 (*Location o)	1	0.143	1	==>	2
	457 (*Length of)	1	0.154	1	==>	2
	462 (*Posterior)	1	0.154	1	==>	2
node_132 --> Galea spixii	465 (Posterior s)	1	0.667	1	==>	2
	8 (*Cement (in y)	2	0.074	2	==>	0
	19 (*Lower incis)	1	0.231	1	==>	0
	252 (*Length of)	1	0.167	1	==>	2
	354 (*Length of)	1	0.360	1	==>	0
	437 (*Location o)	1	0.143	1	==>	0
	443 (*Development)	1	0.333	1	==>	0
	455 (*Development)	1	0.286	1	==>	0
	461 (*Length of)	1	0.118	1	==>	0
	489 (Sphenopal at)	1	0.375	1	==>	0
node_134 --> Perimys intermed	513 (Development)	1	0.333	1	==>	0
	22 (*Size of P4)	1	0.154	1	==>	0
	122 (M1 length/w)	1	0.071	1	==>	0
	123 (M2 length/w)	1	0.154	1	==>	0
	237 (*Number of)	1	1.000	1	==>	2
	241 (Shape of th)	1	0.750	2	==>	1
	242 (Shape of th)	1	0.750	2	==>	1
	243 (Posterior p)	1	0.333	1	-->	0
	420 (Shape of th)	1	0.750	0	==>	2
node_137 --> Neoreomys australis	421 (Shape of th)	1	1.000	0	==>	2
	57 (Lingual conn)	1	0.692	0	==>	2
	68 (Metaloph on)	1	0.462	0	==>	1
	230 (Posteroflex)	1	0.500	1	-->	0
	410 (Strong redu)	1	0.125	1	-->	0
	425 (Fusion of t)	1	0.500	1	==>	0
	439 (Notch for t)	1	0.360	1	==>	4
	474 (Frontal pro)	1	0.111	0	-->	1
node_138 --> Brani samys Iurib	22 (*Size of P4)	1	0.154	1	==>	2
	69 (Lingual conn)	1	0.615	3	-->	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	123 (M2 length/w)	1	0.154	1	==>	0
	125 (Parastyle o)	1	0.842	0	==>	1
	147 (Lingual pro)	1	0.643	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	173 (Anterior ar)	1	0.520	0	==>	1
	174 (Posterior a)	1	0.391	0	==>	1
	203 (*Position o)	1	0.385	1	==>	2

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	206 (Posterior i)	1	0.462	1	==>	0
	224 (Size of the)	1	0.200	0	==>	1
	268 (Neocristid)	1	0.250	0	==>	1
	296 (*Distance b)	2	0.167	0	==>	2
	320 (Neocristid)	1	0.750	0	==>	1
	339 (Mesoconid-l)	1	0.625	0	-->	1
	354 (*Length of)	1	0.360	1	==>	2
	372 (*Length of)	1	0.731	1	==>	0
	437 (*Locati on o)	1	0.143	1	==>	0
node_140 --> node_139	21 (Thir d upper)	1	0.333	0	-->	1
	28 (Posterior ar)	1	0.500	1	-->	0
	44 (*Devel opment)	1	0.636	1	-->	2
	50 (Posterior ar)	1	0.556	1	-->	0
	62 (Pronounced A)	1	0.444	1	-->	0
	65 (Metacone-pos)	1	0.286	1	-->	0
	67 (Anterior arm)	1	0.500	1	-->	0
	76 (*Height of t)	1	0.500	2	-->	1
	111 (Metacone on)	1	0.167	0	-->	1
	148 (*Height of)	2	0.571	2	-->	0
	166 (*Devel opmen)	1	0.545	1	-->	2
	191 (Positi on of)	1	0.286	0	-->	1
	196 (Pronounced)	1	0.742	1	-->	0
	197 (Pronounced)	1	0.435	1	-->	0
	217 (Lingual con)	1	0.696	4	-->	0
	254 (*Talonid of)	1	0.375	2	==>	1
	291 (Height of t)	1	0.250	1	-->	0
	360 (Length of t)	1	0.650	0	-->	1
	367 (Anterior is)	1	0.842	1	==>	0
	437 (*Locati on o)	1	0.143	1	==>	2
	455 (*Devel opmen)	1	0.286	1	==>	2
	472 (Devel opment)	1	0.333	0	==>	1
	473 (Conformati o)	1	0.500	0	==>	1
	494 (Devel opment)	1	0.167	1	-->	0
node_139 --> Dasyprocta	503 (Parocci pi ta)	1	0.167	0	==>	1
	20 (*Inci sors pr)	1	0.125	1	==>	0
	22 (*Size of P4)	1	0.154	1	==>	0
	35 (Orientati on)	1	0.450	1	==>	0
	36 (Lingual prot)	1	0.250	1	-->	0
	121 (*Si ze of M3)	1	0.130	0	-->	1
	213 (Height of t)	1	0.667	2	==>	1
	223 (Lingual con)	1	0.333	1	==>	0
	227 (*Reducti on)	2	0.143	0	==>	2
	229 (*Reducti on)	1	0.167	0	==>	1
	231 (Reducti on o)	1	0.400	0	==>	1
	268 (Neocristid)	1	0.250	0	==>	1
	369 (Metaconid c)	1	0.966	0	==>	1
	372 (*Length of)	1	0.731	1	==>	0
	373 (Lingual con)	1	0.905	2	==>	4
	375 (*Length of)	1	0.353	1	==>	2
	376 (Lingual con)	1	0.636	2	==>	4
	410 (Strong redu)	1	0.125	0	==>	1
	414 (Strong redu)	1	0.333	0	==>	1
	433 (*Mandi ble)	1	0.667	1	==>	2
	444 (*Devel opmen)	2	0.231	3	==>	1
	450 (Length of t)	1	0.500	0	==>	1
	451 (*Posterior)	1	0.200	1	==>	0
	452 (*Dorsoventr)	2	0.222	2	-->	0
	460 (Margins of)	1	0.250	0	==>	1
	467 (Maxi llary o)	1	0.400	0	==>	1
	470 (Devel opment)	1	1.000	0	==>	1
	482 (Associ ati on)	1	0.500	1	-->	0
	485 (*Positi on o)	1	0.231	2	==>	3
	490 (Devel opment)	1	0.250	1	-->	0
node_139 --> Cunicul us paca-t	509 (Epi tympani c)	1	0.333	0	==>	1
	8 (*Cement (in y)	2	0.074	0	==>	2
	19 (*Lower inci s)	2	0.231	0	==>	2
	39 (Mure on P4)	1	0.500	1	==>	0
	69 (Lingual conn)	1	0.615	3	==>	2

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	120 (*Size of M1)	1	0.125	1	==>	0
	244 (Lamines on)	1	0.250	0	==>	1
	245 (Lamines on)	1	0.200	0	==>	1
	263 (Posterior a)	1	0.286	0	==>	1
	296 (*Distance b)	2	0.167	0	==>	2
	359 (Posterior a)	1	0.500	0	==>	1
	434 (*Length of)	1	0.333	1	==>	2
	456 (Length of t)	1	0.167	1	==>	0
	458 (*Shape of t)	1	0.143	2	==>	1
	459 (*Palatal ri)	2	0.500	0	==>	2
	469 (*Devel opmen)	1	0.250	0	-->	1
	480 (Devel opment)	1	1.000	0	==>	1
	492 (Anterior ma)	1	0.400	1	==>	0
	495 (Masticory a)	1	0.333	1	-->	0
	498 (Contact bet)	1	0.167	1	==>	0
node_198 --> node_197	47 (*Posterior i)	1	0.600	1	-->	2
	64 (Metacone on)	1	0.222	0	==>	1
	121 (*Si ze of M3)	1	0.130	0	-->	1
	171 (Posterior i)	1	0.640	0	-->	1
	173 (Anterior ar)	1	0.520	0	-->	1
	203 (*Positi on o)	1	0.385	1	==>	2
	215 (Lingual con)	1	0.870	3	-->	0
	217 (Lingual con)	1	0.696	4	==>	0
	354 (*Length of)	1	0.360	1	-->	2
	438 (Positi on of)	1	0.286	0	-->	1
	455 (*Devel opmen)	1	0.286	1	-->	0
	475 (Positi on of)	1	0.333	0	-->	1
	492 (Anterior ma)	1	0.400	1	-->	0
	497 (Fusi on of t)	1	0.600	0	-->	1
	511 (Devel opment)	1	0.250	0	-->	1
node_197 --> node_196	512 (Accessory f)	1	0.250	1	-->	0
	96 (*Posterior i)	1	0.375	0	==>	1
	115 (Metaloph on)	1	0.667	1	==>	0
	117 (Lingual spu)	1	0.667	1	==>	0
	118 (Lingual con)	1	0.800	3	-->	0
	199 (Metacone on)	1	0.444	0	-->	1
	209 (Posterol oph)	1	0.333	0	-->	1
	211 (Metaloph on)	1	0.647	0	==>	1
	212 (Metaloph on)	1	0.615	0	-->	1
	314 (Anterior is)	1	0.500	0	==>	1
	323 (Lingual con)	1	0.800	3	==>	0
	328 (*Orientati o)	1	0.467	0	-->	1
	338 (Alignment o)	1	0.308	0	-->	1
	373 (Lingual con)	1	0.905	2	-->	0
	376 (Lingual con)	1	0.636	2	-->	0
node_196 --> node_195	122 (M1 length/w)	1	0.071	1	==>	0
	179 (*Length of)	1	0.680	1	-->	0
	202 (Devel opment)	1	0.400	0	==>	1
	347 (*Hei ght of)	1	0.500	2	==>	1
node_195 --> node_161	4 (*Orientati on)	1	0.500	0	-->	1
	5 (*Orientati on)	1	0.571	0	-->	1
	12 (Degree of th)	1	0.250	0	-->	1
	27 (Anterocingul)	1	0.444	0	==>	1
	47 (*Posterior i)	1	0.600	2	-->	1
	50 (Posterior ar)	1	0.556	1	-->	0
	57 (Lingual conn)	1	0.692	1	-->	0
	85 (Lingual prot)	1	0.500	0	-->	1
	113 (Anterior ar)	1	0.600	1	-->	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	153 (Length of t)	1	0.667	0	==>	1
	177 (Mesol ophul e)	1	0.583	1	==>	0
	183 (Lingual con)	1	0.810	1	==>	0
	198 (Tendency pr)	1	0.769	0	-->	1
	199 (Metacone on)	1	0.444	1	-->	0
	222 (Lingual con)	1	0.273	1	-->	0
	231 (Reducti on o)	1	0.400	0	-->	1
	256 (*Devel opmen)	1	0.308	1	==>	2
	272 (Neomesol oph)	1	0.632	0	==>	1

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	284 (*Posterior)	1	0.474	0	-->	1
	291 (Height of t)	1	0.250	1	-->	0
	328 (*Orientation)	1	0.467	1	-->	0
	333 (Mesolophid)	1	0.500	1	-->	0
	371 (Posterior a)	1	0.706	0	-->	1
	372 (*Length of)	1	0.731	1	-->	2
	374 (Posterior a)	1	0.375	0	-->	1
	434 (*Length of)	1	0.333	1	-->	0
	439 (Notch for t)	1	0.360	1	-->	4
	485 (*Position of)	1	0.231	2	-->	3
	498 (Contact bet)	1	0.167	1	-->	0
node_161 --> node_160	5 (*Orientation)	1	0.571	1	-->	2
	9 (*Degree of hy)	1	0.111	0	=>	1
	36 (Lingual prot)	1	0.250	0	=>	1
	151 (Lingual pro)	1	0.400	0	=>	1
	209 (Posteroloph)	1	0.333	1	-->	0
	211 (Metaloph on)	1	0.647	1	-->	0
	223 (Lingual con)	1	0.333	1	-->	0
	393 (Alignment o)	1	0.875	0	-->	1
node_160 --> node_159	404 (*Height of)	1	0.308	2	-->	1
	122 (M1 length/w)	1	0.071	0	=>	1
	123 (M2 length/w)	1	0.154	0	=>	1
	147 (Lingual pro)	1	0.643	0	=>	1
	178 (Mesolophule)	1	0.583	1	-->	0
	183 (Lingual con)	1	0.810	0	=>	4
	185 (Lingual con)	1	0.688	1	-->	4
	215 (Lingual con)	1	0.870	0	-->	3
node_159 --> node_158	230 (Posteroflex)	1	0.500	0	=>	1
	4 (*Orientation)	1	0.500	1	=>	2
	206 (Posterior i)	1	0.462	1	-->	0
	211 (Metaloph on)	1	0.647	0	-->	1
	290 (Anterior ar)	1	0.500	1	-->	0
	401 (Obliquity o)	1	0.632	0	-->	1
node_158 --> node_157	403 (Anterior ar)	1	0.833	0	=>	1
	31 (Length of th)	1	0.333	0	-->	1
	63 (Tendency to)	1	0.286	0	-->	1
	199 (Metacone on)	1	0.444	0	=>	1
	200 (Metacone on)	1	0.500	0	-->	1
	204 (Anterior ar)	1	0.714	1	-->	0
node_157 --> node_156	311 (Lingual con)	1	0.333	1	=>	0
	102 (Lingual con)	1	0.857	1	-->	2
	103 (Mesolophule)	1	0.429	1	-->	0
	305 (Anteroconid)	1	0.286	0	-->	1
	314 (Anterior is)	1	0.500	1	-->	0
	325 (Protoconid)	1	0.400	1	-->	0
	347 (*Height of)	1	0.500	1	-->	2
node_156 --> Eoincamys pascua	396 (Anterior ar)	1	0.640	1	=>	0
	9 (*Degree of hy)	1	0.111	1	=>	0
	57 (Lingual conn)	1	0.692	0	=>	2
	122 (M1 length/w)	1	0.071	1	=>	0
	173 (Anterior ar)	1	0.520	1	=>	0
	174 (Posterior a)	1	0.391	1	=>	0
	222 (Lingual con)	1	0.273	0	=>	1
node_156 --> node_155	395 (Position of)	1	0.421	1	=>	0
	3 (*Loph(-id)s (	1	0.273	1	=>	2
	9 (*Degree of hy)	1	0.111	1	=>	2
	27 (Anterocingul)	1	0.444	1	-->	0
	47 (*Posterior i)	1	0.600	1	-->	0
	66 (Fusion of th)	1	0.500	1	-->	0
	261 (Anterior ar)	1	0.533	0	-->	1
	263 (Posterior a)	1	0.286	0	-->	1
	266 (*Anterior i)	1	0.846	1	-->	0
	282 (Notch betwe)	1	0.500	0	-->	1
	283 (Development)	1	0.600	0	-->	1
	284 (*Posterior)	1	0.474	1	-->	0
node_155 --> node_154	296 (*Distance b)	1	0.167	0	-->	1
	13 (Distribution)	1	0.667	0	=>	1
	229 (*Reduction)	1	0.167	0	-->	1

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node_154 --> node_142 4 (*Orientati on ) 1 0. 500 2 ==> 1
                    5 (*Orientati on ) 1 0. 571 2 ==> 1
                    35 (Orientati on ) 1 0. 450 1 --> 0
                    50 (Posterior ar) 1 0. 556 0 --> 1
                    63 (Tendency to) 1 0. 286 1 --> 0
                    117 (Lingual spu) 1 0. 667 0 ==> 1
                    121 (*Size of M3) 1 0. 130 1 --> 0
                    198 (Tendency pr) 1 0. 769 1 --> 0
                    206 (Posterior i) 1 0. 462 0 --> 1
                    217 (Lingual con) 1 0. 696 0 --> 3
                    223 (Lingual con) 1 0. 333 0 --> 1
                    224 (Size of the) 1 0. 200 0 --> 1
                    308 (*Positi on o) 1 0. 273 1 --> 0
                    333 (Mesol ophi d ) 1 0. 500 0 --> 1
                    338 (Alignment o) 1 0. 308 1 --> 0
                    348 (Length of t) 1 1. 000 0 --> 1
                    401 (Obl iqui ty o) 1 0. 632 1 --> 0
                    437 (*Locati on o) 1 0. 143 1 --> 2
                    449 (Condyl oid a) 1 0. 667 0 --> 1
                    461 (*Length of ) 2 0. 118 0 --> 2
                    462 (*Posterior ) 1 0. 154 1 --> 0
node_142 --> Incamys bol i vi an 4 (*Orientati on ) 1 0. 500 1 ==> 0
                                8 (*Cement (in y) 2 0. 074 0 ==> 2
                                171 (Posterior i) 1 0. 640 1 ==> 0
                                258 (*Positi on o) 1 0. 375 1 ==> 2
node_142 --> Mi croscl eromys p 99 (Thi rd crest ) 1 0. 500 1 ==> 0
                                100 (Mesol oph on) 1 0. 429 1 ==> 0
                                191 (Positi on of) 1 0. 286 0 ==> 1
                                192 (Positi on of) 1 0. 154 0 ==> 1
                                229 (*Reducti on ) 1 0. 167 1 --> 0
                                256 (*Devel opmen) 1 0. 308 2 ==> 1
                                363 (Labi al conn) 1 0. 667 0 ==> 1
node_154 --> node_153 11 (Upper tooth ) 1 0. 125 0 --> 1
                    65 (Metacone-pos) 1 0. 286 1 --> 0
                    67 (Anterior arm) 1 0. 500 1 --> 0
                    110 (Tendency pr) 1 0. 667 0 ==> 1
                    143 (Thi ckness o) 1 0. 643 0 --> 1
                    208 (Posterior i) 1 0. 100 1 --> 0
                    252 (*Length of ) 1 0. 167 1 ==> 0
                    275 (Labi al conn) 1 1. 000 0 ==> 1
                    280 (*Hei ght of ) 2 0. 667 2 --> 0
                    289 (Alignment o) 1 0. 800 0 --> 1
                    296 (*Di stance b) 1 0. 167 1 ==> 2
                    324 (Double ling) 1 0. 857 0 --> 1
                    331 (Strong forw) 1 1. 000 0 --> 1
                    343 (Alignment o) 1 0. 600 0 --> 1
                    346 (Anterior ar) 1 1. 000 1 ==> 0
                    402 (Alignment o) 1 0. 882 0 ==> 1
                    409 (Anteroflexi) 1 0. 286 0 ==> 1
                    471 (Postorbi tal) 1 0. 077 1 --> 0
node_153 --> node_150 96 (*Posterior i) 1 0. 375 1 --> 0
                    121 (*Size of M3) 1 0. 130 1 --> 2
                    171 (Posterior i) 1 0. 640 1 --> 0
                    173 (Anterior ar) 1 0. 520 1 --> 0
                    214 (Posterol oph) 1 0. 846 1 --> 0
                    258 (*Positi on o) 1 0. 375 1 ==> 2
                    273 (Mesi ol abi al) 1 0. 857 0 ==> 1
                    367 (Anterior is) 1 0. 842 1 --> 0
node_150 --> node_149 200 (Metacone on) 1 0. 500 1 --> 0
                    212 (Metal oph on) 1 0. 615 1 --> 0
                    256 (*Devel opmen) 1 0. 308 2 --> 1
                    269 (Posterior a) 1 0. 545 0 ==> 1
                    272 (Neomesol oph) 1 0. 632 1 --> 0
node_149 --> node_143 57 (Li ngual conn) 1 0. 692 0 ==> 2
                    222 (Li ngual con) 1 0. 273 0 --> 1
                    262 (Labi al conn) 1 0. 588 1 --> 2
node_143 --> Scl eromys quadra 183 (Li ngual con) 1 0. 810 4 ==> 0
                                257 (Metaconi d-p) 1 0. 333 0 ==> 1

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Hsearch_Consensus.out
node_143 --> Scleromys angust 258 (*Position o) 1 0.375 2 ==> 1
node_149 --> node_148 267 (Buccal meta) 1 0.667 0 ==> 1
227 (*Reducti on ) 1 0.143 0 ==> 1
9 (*Degree of hy 1 0.111 2 --> 3
14 (Importance o) 1 0.333 0 ==> 1
19 (*Lower inci s) 1 0.231 0 --> 1
64 (Metacone on ) 1 0.222 1 --> 0
102 (Lingual con) 1 0.857 2 --> 0
174 (Posterior a) 1 0.391 1 --> 0
185 (Lingual con) 1 0.688 4 ==> 0
199 (Metacone on) 1 0.444 1 --> 0
229 (*Reducti on ) 1 0.167 1 --> 0
244 (Lami nes on ) 1 0.250 0 ==> 1
245 (Lami nes on ) 1 0.200 0 ==> 1
246 (Lami nes on ) 1 0.500 0 --> 1
247 (Lami nes on ) 1 0.333 0 --> 1
252 (*Length of ) 1 0.167 0 --> 1
259 (Metal ophul i) 1 0.429 0 --> 1
260 (Anterior ar) 1 0.455 0 --> 1
274 (Intensi ty o) 1 1.000 0 --> 1
354 (*Length of ) 1 0.360 2 --> 1
384 (Length of t) 1 0.700 0 --> 1
426 (Lami nes on ) 1 1.000 0 ==> 1
434 (*Length of ) 1 0.333 0 ==> 1
440 (*Locati on o) 1 0.261 0 ==> 1
441 (*Devel opmen) 1 0.238 1 --> 2
442 (*Anterior o) 1 0.214 0 ==> 1
node_148 --> node_145 211 (Metal oph on) 1 0.647 1 ==> 0
248 (*Number of ) 1 0.667 1 --> 2
249 (*Number of ) 1 0.667 1 --> 2
256 (*Devel opmen) 1 0.308 1 --> 2
272 (Neomesol oph) 1 0.632 0 --> 1
409 (Anterofl exi) 1 0.286 1 ==> 0
427 (Number of l) 1 1.000 0 --> 1
443 (*Devel opmen) 1 0.333 1 --> 2
447 (Coronoi d pr) 1 0.500 0 --> 1
457 (*Length of ) 1 0.154 1 ==> 2
461 (*Length of ) 2 0.118 0 ==> 2
474 (Frontal pro) 1 0.111 1 --> 0
489 (Sphenopal at) 1 0.375 1 --> 0
511 (Devel opment) 1 0.250 1 --> 0
node_145 --> node_144 8 (*Cement (in y) 2 0.074 0 ==> 2
9 (*Degree of hy) 1 0.111 3 --> 2
68 (Metal oph on ) 1 0.462 1 ==> 0
246 (Lami nes on ) 1 0.500 1 --> 0
247 (Lami nes on ) 1 0.333 1 --> 0
385 (Labi al conn) 1 1.000 0 --> 1
410 (Strong redu) 1 0.125 0 --> 1
456 (Length of t) 1 0.167 1 --> 0
node_144 --> Drytomomys aequa 13 (Di stri buti on) 1 0.667 1 ==> 0
121 (*Si ze of M3) 1 0.130 2 ==> 1
185 (Lingual con) 1 0.688 0 ==> 4
node_144 --> Potamarchus muri 22 (*Si ze of P4 ) 1 0.154 1 ==> 0
120 (*Si ze of M1) 1 0.125 1 ==> 0
217 (Lingual con) 1 0.696 0 ==> 4
230 (Posterofl ex) 1 0.500 1 ==> 0
249 (*Number of ) 1 0.667 2 ==> 3
node_145 --> Di nomys brani cki 5 (*Ori entati on ) 1 0.571 2 ==>
(01)
12 (Degree of th) 1 0.250 1 --> 0
183 (Lingual con) 1 0.810 4 ==> 0
252 (*Length of ) 1 0.167 1 --> 0
437 (*Locati on o) 1 0.143 1 ==> 0
453 (Al veol ar pr) 1 0.333 0 ==> 1
node_148 --> node_147 17 (*IPM arrange) 1 0.538 1 --> 0
18 (Enamel of up) 1 0.286 1 --> 0
62 (Pronounced A) 1 0.444 1 ==> 0
63 (Tendency to ) 1 0.286 1 ==> 0

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Hsearch_Consensus.out

	196 (Pronounced)	1	0.742	1	==>	0
	197 (Pronounced)	1	0.435	1	==>	0
	198 (Tendency pr	1	0.769	1	==>	0
	248 (*Number of)	1	0.667	1	==>	0
	263 (Posterior a	1	0.286	1	==>	0
	383 (Neomesoloph	1	0.767	1	==>	0
	437 (*Location o	1	0.143	1	-->	2
	443 (*Development	1	0.333	1	-->	0
	444 (*Development	1	0.231	1	-->	2
	446 (*Depth of t	1	0.667	0	-->	1
	468 (Contact bet	1	0.500	0	-->	1
	481 (*Development	1	0.400	0	==>	1
	499 (Development	1	0.111	0	-->	1
node_147 --> Neoeptelasma ambr	8 (*Cement (in y	2	0.074	0	==>	2
	14 (Importance o	1	0.333	1	==>	0
	19 (*Lower inci s	1	0.231	1	-->	0
	35 (Orientation)	1	0.450	1	==>	2
	256 (*Development	1	0.308	1	==>	0
	259 (Metalophuli	1	0.429	1	-->	0
	260 (Anterior ar	1	0.455	1	-->	0
	261 (Anterior ar	1	0.533	1	==>	0
	440 (*Location o	1	0.261	1	==>	2
	443 (*Development	1	0.333	0	-->	1
	457 (*Length of)	1	0.154	1	==>	2
	462 (*Posterior)	1	0.154	1	==>	2
	464 (Interorbital	1	0.333	0	==>	1
	501 (Sagittal cr	1	0.333	0	==>	1
node_147 --> node_146	4 (*Orientation)	1	0.500	2	==>	1
	22 (*Size of P4)	1	0.154	1	==>	0
	61 (Orientation)	1	0.500	0	==>	2
	249 (*Number of)	1	0.667	1	==>	0
	439 (Notch for t	1	0.360	4	==>	3
	457 (*Length of)	1	0.154	1	==>	0
	475 (Position of)	1	0.333	1	-->	0
	485 (*Position o	1	0.231	3	-->	2
	492 (Anterior ma	1	0.400	0	==>	1
	499 (Development	1	0.111	1	-->	0
	502 (Orientation)	1	0.250	1	==>	0
	503 (Parocciptal	1	0.167	0	==>	1
node_146 --> Chinchilla lanig	18 (Enamel of up)	1	0.286	0	-->	1
	252 (*Length of)	1	0.167	1	==>	2
	256 (*Development)	1	0.308	1	-->	2
	257 (Metaconid-p)	1	0.333	0	==>	1
	258 (*Position o	1	0.375	2	==>	1
	454 (Anterior pr	1	0.111	0	==>	1
	468 (Contact bet	1	0.500	1	-->	0
	469 (*Development)	1	0.250	1	==>	2
node_146 --> Lagidium viscaci	253 (Width of p4)	1	0.111	0	==>	1
	444 (*Development)	1	0.231	2	-->	1
	459 (*Palatal ri	1	0.500	0	==>	1
	471 (Postorbital)	1	0.077	0	-->	1
node_147 --> Lagostomus maxim	20 (*Incisors pr	1	0.125	1	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	123 (M2 length/w)	1	0.154	1	==>	0
	254 (*Taloid of)	1	0.375	2	==>	1
	436 (Mental fora)	1	0.333	0	==>	1
	439 (Notch for t	1	0.360	4	==>	1
	444 (*Development)	1	0.231	2	==>	3
	445 (Development)	1	0.500	0	==>	1
	452 (*Dorsoventr	1	0.222	0	==>	1
	458 (*Shape of t	1	0.143	2	==>	1
	469 (*Development)	1	0.250	1	==>	0
	471 (Postorbital)	1	0.077	0	-->	1
	500 (Development)	1	0.143	0	==>	1
	504 (Length of t	1	0.333	0	==>	1
node_153 --> node_152	49 (Anterior arm)	1	0.500	1	-->	0
	57 (Lingual conn)	1	0.692	0	==>	2
	111 (Metacone on)	1	0.167	0	-->	1

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	235 (Formation o)	1	0.200	0	==> 1
	262 (Labial conn)	1	0.588	1	==> 0
	354 (*Length of)	1	0.360	2	--> 1
	357 (Position of)	1	0.231	1	--> 0
	384 (Length of t)	1	0.700	0	--> 1
	412 (Strong redu)	1	0.250	0	--> 1
	418 (Formation o)	1	0.400	0	==> 1
node_152 --> Garri domys curnu	146 (Orientati on)	1	0.814	1	==> 2
	166 (*Devel opmen)	1	0.545	1	==> 2
	227 (*Reducti on)	1	0.143	0	==> 1
	256 (*Devel opmen)	1	0.308	2	==> 1
	269 (Poster ior a)	1	0.545	0	==> 1
	359 (Poster ior a)	1	0.500	0	==> 1
	441 (*Devel opmen)	1	0.238	1	==> 0
node_152 --> node_151	8 (*Cement (in y)	2	0.074	0	==> 2
	14 (Importance o)	1	0.333	0	==> 1
	35 (Orientati on)	1	0.450	1	--> 2
	151 (Lingual pro)	1	0.400	1	--> 0
	226 (Paraflexus)	1	0.143	0	--> 1
	229 (*Reducti on)	1	0.167	1	--> 2
	265 (Mesostyli d)	1	0.583	1	--> 0
	267 (Buccal meta)	1	0.667	0	--> 1
	272 (Neomesol oph)	1	0.632	1	--> 0
	360 (Length of t)	1	0.650	0	--> 1
	363 (Labial conn)	1	0.667	0	--> 1
	366 (Mesostyli d)	1	0.750	1	--> 0
	383 (Neomesol oph)	1	0.767	1	--> 0
	411 (Mesoflexi d)	1	0.250	0	==> 1
	437 (*Locati on o)	1	0.143	1	--> 2
	439 (Notch for t)	1	0.360	4	--> 1
	443 (*Devel opmen)	1	0.333	1	--> 2
node_151 --> Eovi scacci a fras	252 (*Length of)	1	0.167	0	==> 1
	253 (Width of p4)	1	0.111	0	==> 1
node_157 --> Chambi ramys shi p	80 (Outgrowth of)	1	0.500	1	==> 0
	175 (Thi rd crest)	1	0.333	1	==> 0
	180 (Mesol oph on)	1	0.800	1	==> 0
	327 (Thi rd cri st)	1	0.250	1	==> 0
	329 (Neomesol oph)	1	0.529	1	==> 0
	383 (Neomesol oph)	1	0.767	1	==> 0
node_158 --> Eoi ncamys parvus	49 (Anteri or arm)	1	0.500	1	==> 0
	64 (Metacone on)	1	0.222	1	==> 0
	68 (Metal oph on)	1	0.462	1	==> 0
	173 (Anteri or ar)	1	0.520	1	==> 0
	174 (Poster ior a)	1	0.391	1	==> 0
	212 (Metal oph on)	1	0.615	1	==> 0
	224 (Size of the)	1	0.200	0	==> 1
	353 (Tri goni d wi)	1	0.125	1	==> 0
node_159 --> Chambi ramys syl v	201 (*Devel opmen)	1	0.400	1	==> 2
	207 (Posterol oph)	1	0.750	0	==> 1
	222 (Lingual con)	1	0.273	0	--> 1
	229 (*Reducti on)	1	0.167	0	==> 1
	273 (Mesi ol abi al)	1	0.857	0	==> 1
	409 (Anteroflexi)	1	0.286	0	==> 1
node_160 --> Eoi ncamys val ver	61 (Orientati on)	1	0.500	0	==> 2
	149 (Length of t)	1	0.800	0	==> 1
node_161 --> Eoi ncamys ameghi	44 (*Devel opment)	1	0.636	1	==> 2
	201 (*Devel opmen)	1	0.400	1	==> 2
	204 (Anteri or ar)	1	0.714	1	==> 0
	207 (Posterol oph)	1	0.750	0	==> 1
node_195 --> node_194	17 (*I PM arrange)	1	0.538	1	--> 2
	20 (*I nci sors pr)	1	0.125	1	--> 0
	22 (*Si ze of P4)	1	0.154	1	--> 2
	28 (Poster ior ar)	1	0.500	1	--> 0
	43 (Mesostyle on)	1	0.500	1	--> 0
	51 (Thi rd crest)	1	0.556	1	--> 0
	56 (Mesol oph on)	1	0.750	1	--> 0
	97 (Anteri or arm)	1	0.375	1	--> 0
	109 (Pronounced)	1	0.333	1	--> 0

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	174 (Posterior a)	1	0.391	1	-->	0
	200 (Metacone on)	1	0.500	0	-->	1
	213 (Height of t)	1	0.667	2	-->	0
	225 (Size of the)	1	0.400	0	-->	1
	239 (Fusion of t)	1	1.000	0	-->	1
	240 (Fusion of t)	1	1.000	1	-->	0
	241 (Shape of th)	1	0.750	2	-->	3
	242 (Shape of th)	1	0.750	2	-->	3
	262 (Labial conn)	1	0.588	1	==>	0
	263 (Posterior a)	1	0.286	0	==>	1
	265 (Mesostylid)	1	0.583	1	==>	0
	266 (*Anterior i)	1	0.846	1	-->	0
	308 (*Position o)	1	0.273	1	-->	2
	330 (Length of t)	1	0.500	1	-->	0
	338 (Alignment o)	1	0.308	1	-->	0
	347 (*Height of)	1	0.500	1	-->	0
	360 (Length of t)	1	0.650	0	==>	1
	366 (Mesostylid)	1	0.750	1	==>	0
	383 (Neomesoloph)	1	0.767	1	==>	0
	396 (Anterior ar)	1	0.640	1	==>	0
	410 (Strong redu)	1	0.125	0	==>	1
	444 (*Developmen)	1	0.231	1	-->	0
	469 (*Developmen)	1	0.250	1	-->	2
	502 (Orientation)	1	0.250	1	-->	0
	503 (Parocci pi ta)	1	0.167	0	-->	1
node_194 --> node_162	513 (Development)	1	0.333	1	-->	0
	121 (*Size of M3)	1	0.130	1	-->	2
	179 (*Length of)	1	0.680	0	-->	1
	212 (Metaloph on)	1	0.615	1	-->	0
	217 (Lingual con)	1	0.696	0	-->	4
	354 (*Length of)	1	0.360	2	-->	1
	372 (*Length of)	1	0.731	1	-->	0
	375 (*Length of)	1	0.353	1	-->	0
	440 (*Location o)	1	0.261	0	==>	1
	442 (*Anterior o)	1	0.214	0	-->	1
node_162 --> Draconomys verai	256 (*Developmen)	1	0.308	1	==>	0
node_162 --> Leucocephalos ze	439 (Notch for t)	1	0.360	1	==>	4
node_194 --> node_193	168 (*Position o)	1	0.375	1	==>	2
	214 (Posteroloph)	1	0.846	1	-->	0
	253 (Width of p4)	1	0.111	0	==>	1
node_193 --> node_192	21 (Third upper)	1	0.333	0	-->	1
	36 (Lingual prot)	1	0.250	0	-->	1
	96 (*Posterior i)	1	0.375	1	==>	2
	111 (Metacone on)	1	0.167	0	==>	1
	121 (*Size of M3)	1	0.130	1	-->	0
	142 (Posterior a)	1	0.731	0	==>	1
	166 (*Developmen)	1	0.545	1	==>	2
	167 (*Height of)	1	0.750	1	-->	2
	261 (Anterior ar)	1	0.533	0	==>	1
	315 (Anterior co)	1	0.833	0	-->	1
	378 (Direction o)	1	0.625	1	==>	0
	441 (*Developmen)	1	0.238	1	==>	0
node_192 --> node_167	174 (Posterior a)	1	0.391	0	-->	1
	177 (Mesolophule)	1	0.583	1	-->	0
	197 (Pronounced)	1	0.435	1	==>	0
	267 (Buccal meta)	1	0.667	0	-->	1
	322 (Posterior a)	1	0.600	1	-->	0
	357 (Position of)	1	0.231	1	-->	0
	369 (Metaconid c)	1	0.966	0	==>	1
	372 (*Length of)	1	0.731	1	-->	0
	373 (Lingual con)	1	0.905	0	-->	4
	448 (Height of t)	1	0.143	1	-->	0
	462 (*Posterior)	1	0.154	1	-->	0
node_167 --> node_166	36 (Lingual prot)	1	0.250	1	-->	0
	62 (Pronounced A)	1	0.444	1	-->	0
	179 (*Length of)	1	0.680	0	-->	1
	196 (Pronounced)	1	0.742	1	==>	0
	223 (Lingual con)	1	0.333	1	-->	0

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252 (*Length of ) 1 0.167 1 --> 2
288 (Posterior c) 1 1.000 0 ==> 1
354 (*Length of ) 1 0.360 2 ==> 1
375 (*Length of ) 1 0.353 1 --> 0
node_166 --> node_163 22 (*Size of P4 ) 1 0.154 2 ==> 1
38 (*Orientation) 1 0.600 2 ==> 1
39 (Mure on P4) 1 0.500 1 ==> 0
59 (Anterior arm) 1 0.778 1 ==> 0
177 (Mesolophule) 1 0.583 0 --> 1
182 (*Length of ) 1 0.625 1 --> 0
401 (Obliquity o) 1 0.632 0 --> 1
node_163 --> Platypittamys br 35 (Orientation) 1 0.450 1 ==> 0
120 (*Size of M1) 1 0.125 1 ==> 0
122 (M1 length/w) 1 0.071 0 ==> 1
286 (Length of t) 1 0.571 0 ==> 1
287 (Labial conn) 1 0.833 2 ==> 1
376 (Lingual con) 1 0.636 0 ==> 3
403 (Anterior ar) 1 0.833 0 ==> 1
443 (*Development) 1 0.333 1 ==> 2
node_163 --> Deseadomys aramb 121 (*Size of M3) 1 0.130 0 --> 1
252 (*Length of ) 1 0.167 2 --> 1
253 (Width of p4) 1 0.111 1 ==> 0
284 (*Posterior) 2 0.474 0 ==> 2
353 (Trigoni d wi) 1 0.125 1 ==> 0
375 (*Length of ) 2 0.353 0 ==> 2
439 (Notch for t) 1 0.360 1 ==> 4
440 (*Location o) 1 0.261 0 ==> 1
442 (*Anterior o) 1 0.214 0 ==> 1
node_166 --> node_165 9 (*Degree of hy) 1 0.111 0 --> 1
31 (Length of th) 1 0.333 0 ==> 1
43 (Mesostyle on) 1 0.500 0 ==> 1
51 (Third crest) 1 0.556 0 ==> 1
52 (Mesolophule) 1 0.643 0 --> 1
182 (*Length of ) 1 0.625 1 --> 2
183 (Lingual con) 1 0.810 1 --> 5
227 (*Reduction) 1 0.143 0 --> 1
270 (Lingual con) 1 0.773 0 ==> 3
296 (*Distance b) 2 0.167 0 --> 2
376 (Lingual con) 1 0.636 0 ==> 4
node_165 --> node_164 122 (M1 length/w) 1 0.071 0 ==> 1
123 (M2 length/w) 1 0.154 0 ==> 1
197 (Pronounced) 1 0.435 0 ==> 1
226 (Paraflexus) 1 0.143 0 ==> 1
235 (Formation o) 1 0.200 0 ==> 1
261 (Anterior ar) 1 0.533 1 --> 0
330 (Length of t) 1 0.500 0 --> 1
409 (Anteroflexi) 1 0.286 0 --> 1
439 (Notch for t) 1 0.360 1 ==> 4
node_164 --> Acaemys murinus 9 (*Degree of hy) 1 0.111 1 --> 0
35 (Orientation) 1 0.450 1 ==> 0
109 (Pronounced) 1 0.333 0 --> 1
121 (*Size of M3) 1 0.130 0 --> 1
146 (Orientation) 1 0.814 1 ==> 0
252 (*Length of ) 1 0.167 2 --> 1
262 (Labial conn) 1 0.588 0 ==> 1
443 (*Development) 1 0.333 1 ==> 0
node_164 --> Sci amys pri nci pa 3 (*Loph(-id)s () 1 0.273 1 ==> 2
286 (Length of t) 1 0.571 0 ==> 1
287 (Labial conn) 1 0.833 2 ==> 1
414 (Strong redu) 1 0.333 0 ==> 1
node_165 --> Gal ileomys euryg 84 (Orientation) 1 0.471 1 ==> 0
117 (Lingual spu) 1 0.667 0 ==> 1
142 (Posterior a) 1 0.731 1 ==> 0
173 (Anterior ar) 1 0.520 1 ==> 0
259 (Metalophuli) 1 0.429 0 ==> 1
260 (Anterior ar) 1 0.455 0 ==> 1
308 (*Position o) 1 0.273 2 --> 1
334 (Lingual con) 1 0.632 2 ==> 0

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	359 (Posterior a)	1	0.500	0	==> 1
	440 (*Location o)	1	0.261	0	==> 1
	442 (*Anterior o)	1	0.214	0	==> 1
	443 (*Development)	1	0.333	1	==> 2
node_167 --> Willidewu estepa	63 (Tendency to)	1	0.286	0	==> 1
	120 (*Size of M1)	1	0.125	1	==> 0
	167 (*Height of)	1	0.750	2	--> 1
	183 (Lingual con)	1	0.810	1	==> 0
	200 (Metacone on)	1	0.500	1	==> 0
	375 (*Length of)	1	0.353	1	==> 2
node_192 --> node_191	10 (Substitution)	1	0.250	0	==> 1
	73 (*DP4 length/)	1	0.333	2	--> 1
	100 (Mesoloph on)	1	0.429	1	==> 0
	122 (M1 length/w)	1	0.071	0	==> 1
	123 (M2 length/w)	1	0.154	0	==> 1
	173 (Anterior ar)	1	0.520	1	==> 0
	227 (*Reduction)	1	0.143	0	--> 1
	292 (Length of t)	1	0.750	0	--> 1
	328 (*Orientatio)	1	0.467	1	--> 2
	454 (Anterior pr)	1	0.111	0	--> 1
	458 (*Shape of t)	1	0.143	2	--> 1
node_191 --> node_190	317 (Metaconid c)	1	0.571	1	--> 0
	359 (Posterior a)	1	0.500	0	==> 1
	374 (Posterior a)	1	0.375	0	==> 1
	376 (Lingual con)	1	0.636	0	--> 2
node_190 --> node_189	121 (*Size of M3)	1	0.130	0	--> 1
	225 (Size of the)	1	0.400	1	--> 0
	227 (*Reduction)	1	0.143	1	--> 0
	309 (Metaconid-p)	1	0.500	0	==> 1
	314 (Anterior is)	1	0.500	1	--> 0
	354 (*Length of)	1	0.360	2	==> 1
	443 (*Development)	1	0.333	1	==> 2
node_189 --> node_188	172 (Posterior c)	1	1.000	0	--> 1
	196 (Pronounced)	1	0.742	1	--> 0
	357 (Position of)	1	0.231	1	==> 0
	395 (Position of)	1	0.421	1	==> 0
	404 (*Height of)	2	0.308	2	--> 0
	439 (Notch for t)	1	0.360	1	==> 4
node_188 --> node_187	97 (Anterior arm)	1	0.375	0	--> 1
	100 (Mesoloph on)	1	0.429	0	--> 1
	143 (Thickness o)	1	0.643	0	--> 1
	148 (*Height of)	1	0.571	2	--> 1
	159 (*Height of)	2	0.667	2	--> 0
	171 (Posterior i)	1	0.640	1	--> 0
	197 (Pronounced)	1	0.435	1	==> 0
	314 (Anterior is)	1	0.500	0	--> 1
	326 (Connectio n)	1	0.667	0	--> 1
	340 (*Position o)	1	0.412	2	==> 1
	360 (Length of t)	1	0.650	1	--> 0
	401 (Obliquity o)	1	0.632	0	==> 1
	410 (Strong redu)	1	0.125	1	==> 0
node_187 --> Prospani omys pri	20 (*Incisors pr)	1	0.125	0	--> 1
	146 (Orientatio n)	1	0.814	1	==> 2
	303 (Trigoni d wi)	1	0.125	0	==> 1
	353 (Trigoni d wi)	1	0.125	1	==> 0
	372 (*Length of)	1	0.731	1	==> 0
	500 (Development)	1	0.143	0	==> 1
	513 (Development)	1	0.333	0	--> 1
node_187 --> node_186	3 (*Loph(-id)s)	1	0.273	1	--> 2
	5 (*Orientatio n)	2	0.571	0	==> 2
	9 (*Degree of hy)	1	0.111	0	==> 1
	73 (*DP4 length/)	1	0.333	1	--> 2
	327 (Third crist)	1	0.250	1	==> 0
	328 (*Orientatio)	2	0.467	2	==> 0
	333 (Mesolophi d)	1	0.500	1	==> 0
	338 (Alignme nt o)	1	0.308	0	==> 1
	372 (*Length of)	1	0.731	1	==> 2
	443 (*Development)	1	0.333	2	==> 1

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	476 (Inferior ju)	1	0.333	0	-->	1
	478 (Depth of th)	1	0.250	0	-->	1
node_186 --> node_183	9 (*Degree of hy)	1	0.111	1	==>	2
	96 (*Posterior i)	2	0.375	2	-->	0
	125 (Parastyle o)	1	0.842	0	-->	1
	168 (*Position o)	1	0.375	2	-->	1
	235 (Formation o)	1	0.200	0	-->	1
	309 (Metaconid-p)	1	0.500	1	-->	0
	314 (Anterior is)	1	0.500	1	-->	0
	371 (Posterior a)	1	0.706	0	==>	1
	384 (Length of t)	1	0.700	0	-->	1
	436 (Mental fora)	1	0.333	0	==>	1
node_183 --> node_182	439 (Notch for t)	1	0.360	4	==>	0
	11 (Upper tooth)	1	0.125	0	-->	1
	395 (Position of)	1	0.421	0	==>	1
	438 (Position of)	1	0.286	1	-->	0
	471 (Postorbital)	1	0.077	1	-->	0
	477 (*Position o)	1	0.667	0	-->	1
	485 (*Position o)	1	0.231	2	-->	1
	486 (*Devel opmen)	1	0.222	0	==>	1
	494 (Devel opment)	1	0.167	1	-->	0
	507 (Lateral pro)	1	1.000	0	==>	1
node_182 --> node_176	511 (Devel opment)	1	0.250	1	==>	0
	235 (Formation o)	1	0.200	1	-->	0
	340 (*Position o)	1	0.412	1	==>	2
	439 (Notch for t)	1	0.360	0	==>	1
	455 (*Devel opmen)	1	0.286	0	==>	1
node_176 --> node_173	510 (Thi ckness o)	1	0.250	0	-->	1
	11 (Upper tooth)	1	0.125	1	-->	0
	12 (Degree of th)	1	0.250	0	-->	1
	148 (*Height of)	1	0.571	1	-->	0
	223 (Lingual con)	1	0.333	1	-->	0
	308 (*Position o)	1	0.273	2	-->	1
	317 (Metaconid c)	1	0.571	0	-->	1
	327 (Thi rd crist)	1	0.250	0	==>	1
	330 (Length of t)	1	0.500	0	-->	1
	333 (Mesol ophi d)	1	0.500	0	-->	1
	338 (Alignment o)	1	0.308	1	-->	0
	378 (Directi on o)	1	0.625	0	-->	1
	488 (Palatine fo)	1	0.250	0	==>	1
node_173 --> node_171	489 (Sphenopal at)	1	0.375	1	-->	0
	152 (*Height of)	2	0.667	2	-->	0
	325 (Protoconid)	1	0.400	1	-->	0
	354 (*Length of)	1	0.360	1	-->	0
	451 (*Posterior)	1	0.200	1	-->	0
	483 (Posi ti on of)	1	0.600	0	==>	1
	497 (Fusi on of t)	1	0.600	1	-->	0
	499 (Devel opment)	1	0.111	0	-->	1
node_171 --> node_170	506 (Mastoid pro)	1	0.250	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
node_170 --> node_169	303 (Tri goni d wi)	1	0.125	0	==>	1
	308 (*Posi ti on o)	1	0.273	1	-->	0
	366 (Mesostyli d)	1	0.750	0	==>	1
	383 (Neomesol oph)	1	0.767	0	-->	1
	395 (Posi ti on of)	1	0.421	1	==>	0
	439 (Notch for t)	1	0.360	1	==>	4
node_169 --> node_168	440 (*Locati on o)	1	0.261	0	==>	1
	4 (*Ori entati on)	1	0.500	0	==>	1
	20 (*Inci sors pr)	2	0.125	0	-->	2
	120 (*Size of M1)	1	0.125	1	==>	0
	222 (Lingual con)	1	0.273	1	-->	0
	340 (*Posi ti on o)	1	0.412	2	==>	1
	367 (Anterior is)	1	0.842	1	-->	0
	438 (Posi ti on of)	1	0.286	0	-->	1
	451 (*Posterior)	1	0.200	0	-->	1
	452 (*Dorsoventr)	1	0.222	0	-->	1
	455 (*Devel opmen)	1	0.286	1	-->	0
	456 (Length of t)	1	0.167	1	-->	0

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	458 (*Shape of t)	1	0.143	1	-->	2
	464 (Interorbital)	1	0.333	0	-->	1
	488 (Palatine fo)	1	0.250	1	==>	0
	494 (Development)	1	0.167	0	-->	1
	498 (Contact bet)	1	0.167	1	-->	0
	501 (Sagittal cr)	1	0.333	0	-->	1
	502 (Orientation)	1	0.250	0	-->	1
	503 (Paroccipital)	1	0.167	1	-->	0
	504 (Length of t)	1	0.333	0	-->	1
	508 (Development)	1	1.000	0	-->	1
node_168 --> Spani omys ri pari	9 (*Degree of hy)	1	0.111	2	==>	1
	84 (Orientation)	1	0.471	1	==>	2
	110 (Tendency pr)	1	0.667	0	==>	1
	234 (*Transversa)	1	0.286	0	==>	1
	308 (*Position o)	2	0.273	0	==>	2
	313 (Mesostylid)	1	0.571	1	==>	0
	483 (Position of)	1	0.600	1	==>	0
node_168 --> Myocastor coypus	8 (*Cement (in y)	2	0.074	0	==>	2
	11 (Upper tooth)	1	0.125	0	==>	1
	19 (*Lower incis)	1	0.231	0	==>	1
	109 (Pronounced)	1	0.333	1	-->	0
	226 (Paraflexus)	1	0.143	0	==>	1
	303 (Trigoni d wi)	1	0.125	1	==>	0
	311 (Lingual con)	1	0.333	1	==>	0
	323 (Lingual con)	1	0.800	0	==>	3
	371 (Posterior a)	1	0.706	1	==>	0
	374 (Posterior a)	1	0.375	1	==>	0
	454 (Anterior pr)	1	0.111	1	==>	0
	462 (*Posterior)	1	0.154	1	==>	2
	471 (Postorbital)	1	0.077	0	==>	1
	476 (Inferior ju)	1	0.333	1	==>	0
	485 (*Position o)	2	0.231	1	==>	3
	486 (*Development)	1	0.222	1	==>	0
	491 (*Apex of th)	1	0.500	1	==>	2
node_169 --> Proechi mys cuvie	3 (*Loph(-id)s)	1	0.273	2	==>	1
	86 (Height of th)	1	1.000	1	==>	0
	142 (Posterior a)	1	0.731	1	==>	0
	146 (Orientation)	1	0.814	1	==>	0
	225 (Size of the)	1	0.400	0	-->	1
	227 (*Reduction)	1	0.143	0	==>	1
	229 (*Reduction)	1	0.167	0	==>	1
	322 (Posterior a)	1	0.600	1	==>	0
	338 (Alignment o)	1	0.308	0	==>	1
	354 (*Length of)	1	0.360	0	-->	1
	359 (Posterior a)	1	0.500	1	==>	0
	410 (Strong redu)	1	0.125	0	==>	1
	455 (*Development)	1	0.286	1	==>	2
	486 (*Development)	1	0.222	1	==>	2
	499 (Development)	1	0.111	1	-->	0
node_170 --> Maruchi to tril of	19 (*Lower incis)	1	0.231	0	==>	1
	436 (Mental fora)	1	0.333	1	==>	0
	442 (*Anterior o)	1	0.214	0	==>	1
	443 (*Development)	1	0.333	1	==>	0
node_171 --> Thri chomys apere	5 (*Orientation)	2	0.571	2	==>	0
	73 (*DP4 length/)	1	0.333	2	==>	1
	84 (Orientation)	1	0.471	1	==>	0
	121 (*Size of M3)	1	0.130	1	==>	0
	197 (Pronounced)	1	0.435	0	==>	1
	223 (Lingual con)	1	0.333	0	-->	1
	227 (*Reduction)	1	0.143	0	==>	1
	229 (*Reduction)	1	0.167	0	==>	1
	308 (*Position o)	1	0.273	1	-->	2
	317 (Metaconid c)	1	0.571	1	-->	0
	328 (*Orientation)	1	0.467	0	==>	1
	393 (Alignment o)	1	0.875	0	==>	1
	412 (Strong redu)	1	0.250	0	==>	1
	414 (Strong redu)	1	0.333	0	==>	1
	418 (Formation o)	1	0.400	0	==>	1

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	441 (*Devel opmen)	1	0.238	0 ==>	1
	457 (*Length of)	1	0.154	1 ==>	0
	458 (*Shape of t	1	0.143	1 ==>	0
	462 (*Posterior)	1	0.154	1 ==>	2
	474 (Frontal pro)	1	0.111	1 ==>	0
	486 (*Devel opmen)	1	0.222	1 ==>	0
	489 (Sphenopal at)	1	0.375	0 -->	1
	491 (*Apex of th)	1	0.500	1 ==>	2
	510 (Thickness o	1	0.250	1 -->	0
node_173 --> node_172	15 (Number of ro	1	1.000	0 ==>	1
	19 (*Lower inci s)	1	0.231	0 ==>	1
	174 (Posterior a	1	0.391	0 -->	1
	179 (*Length of)	1	0.680	0 -->	1
	182 (*Length of)	1	0.625	1 -->	0
	244 (Lami nes on)	1	0.250	0 ==>	1
	245 (Lami nes on)	1	0.200	0 ==>	1
	337 (Distal ecto)	1	1.000	1 ==>	0
	404 (*Height of)	2	0.308	0 -->	2
	443 (*Devel opmen)	1	0.333	1 -->	2
	457 (*Length of)	1	0.154	1 ==>	2
	461 (*Length of)	2	0.118	0 ==>	2
	485 (*Positi on o	1	0.231	1 ==>	0
	486 (*Devel opmen)	1	0.222	1 ==>	2
	500 (Devel opment)	1	0.143	0 ==>	1
node_172 --> Echi mys chrysuru	8 (*Cement (in y	2	0.074	0 ==>	2
	9 (*Degree of hy	1	0.111	2 ==>	1
	20 (*Inci sors pr	1	0.125	0 -->	1
	84 (Orientati on)	1	0.471	1 ==>	2
	441 (*Devel opmen)	1	0.238	0 ==>	1
	452 (*Dorsoventr	1	0.222	0 ==>	1
	471 (Postorbi tal	1	0.077	0 -->	1
	477 (*Positi on o	1	0.667	1 ==>	2
	503 (Parocci pi ta	1	0.167	1 ==>	0
node_172 --> Makal ata di del ph	391 (Ectol ophi d)	1	0.833	1 ==>	0
	395 (Positi on of)	1	0.421	1 ==>	0
	438 (Positi on of)	1	0.286	0 ==>	1
	455 (*Devel opmen)	1	0.286	1 ==>	2
	458 (*Shape of t	1	0.143	1 -->	2
	494 (Devel opment)	1	0.167	0 ==>	1
node_176 --> node_175	88 (Mure on DP4)	1	0.600	1 -->	0
	89 (Lenght of th)	1	0.750	1 -->	0
	109 (Pronounced)	1	0.333	0 -->	1
	177 (Mesol ophul e)	1	0.583	1 -->	0
	178 (Mesol ophul e)	1	0.583	1 -->	0
	183 (Lingual con)	1	0.810	1 -->	4
	185 (Lingual con)	1	0.688	1 -->	4
	186 (Double ling)	1	1.000	0 -->	3
	196 (Pronounced)	1	0.742	0 ==>	1
	197 (Pronounced)	1	0.435	0 ==>	1
	198 (Tendency pr	1	0.769	0 ==>	1
	214 (Posterol oph)	1	0.846	0 -->	1
	217 (Lingual con)	1	0.696	0 -->	2
	231 (Reducti on o)	1	0.400	0 -->	1
	477 (*Positi on o	1	0.667	1 -->	2
	498 (Contact bet)	1	0.167	1 -->	0
node_175 --> node_174	5 (*Ori entati on)	1	0.571	2 ==>	1
	393 (Alignment o)	1	0.875	0 -->	1
	412 (Strong redu)	1	0.250	0 -->	1
	439 (Notch for t)	1	0.360	1 -->	4
	443 (*Devel opmen)	1	0.333	1 -->	2
	448 (Height of t	1	0.143	1 -->	0
	454 (Anterior pr)	1	0.111	1 -->	0
	474 (Frontal pro)	1	0.111	1 -->	0
	478 (Depth of th)	1	0.250	1 -->	0
	486 (*Devel opmen)	1	0.222	1 ==>	0
	487 (Positi on of)	1	0.500	0 ==>	1
	500 (Devel opment)	1	0.143	0 -->	1
node_174 --> Protadel phomys l	4 (*Ori entati on)	2	0.500	0 ==>	2

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	9 (*Degree of hy)	1	0.111	2 ==>	1
	10 (Substitution)	1	0.250	1 ==>	0
	11 (Upper tooth)	1	0.125	1 -->	0
	120 (*Size of M1)	1	0.125	1 ==>	0
	121 (*Size of M3)	1	0.130	1 ==>	0
	149 (Length of t)	1	0.800	0 ==>	1
	151 (Lingual pro)	1	0.400	0 ==>	1
	166 (*Development)	1	0.545	2 ==>	1
	200 (Metacone on)	1	0.500	1 ==>	0
	212 (Metaloph on)	1	0.615	1 ==>	0
node_174 --> Euryzygomatomys	145 (Labial prot)	1	1.000	0 ==>	1
	146 (Orientation)	1	0.814	1 ==>	0
	155 (Mure on M1-)	1	0.667	1 ==>	0
	157 (Mure on M3)	1	0.500	1 ==>	0
	168 (*Position o)	1	0.375	1 ==>	0
	227 (*Reduction)	1	0.143	0 ==>	1
	395 (Position of)	1	0.421	1 ==>	0
	457 (*Length of)	1	0.154	1 ==>	2
node_175 --> Mesocapromys/Mys	8 (*Cement (in y)	2	0.074	0 ==>	2
	9 (*Degree of hy)	1	0.111	2 ==>	3
	18 (Enamel of up)	1	0.286	1 ==>	0
	19 (*Lower incis)	1	0.231	0 ==>	1
	20 (*Incisors pr)	1	0.125	0 -->	1
	226 (Paraflexus)	1	0.143	0 ==>	1
	234 (*Transversa)	1	0.286	0 ==>	1
	354 (*Length of)	1	0.360	1 ==>	2
	402 (Alignment o)	1	0.882	0 ==>	1
	438 (Position of)	1	0.286	0 ==>	1
	440 (*Location o)	1	0.261	0 ==>	1
	456 (Length of t)	1	0.167	1 ==>	0
	458 (*Shape of t)	1	0.143	1 -->	2
	460 (Margins of)	1	0.250	0 ==>	1
	464 (Interorbital)	1	0.333	0 ==>	1
	471 (Postorbital)	1	0.077	0 -->	1
	497 (Fusion of t)	1	0.600	1 ==>	0
	499 (Development)	1	0.111	0 ==>	1
	502 (Orientation)	1	0.250	0 ==>	1
	503 (Paroccipta)	1	0.167	1 ==>	0
	510 (Thickness o)	1	0.250	1 -->	0
	512 (Accessory f)	1	0.250	0 ==>	1
node_182 --> node_181	5 (*Orientation)	2	0.571	2 -->	0
	20 (*Incisors pr)	1	0.125	0 -->	1
	73 (*DP4 length/)	1	0.333	2 -->	1
	349 (Anteroflexi)	1	0.500	0 ==>	1
	351 (Metaflexid)	1	1.000	0 ==>	1
	354 (*Length of)	1	0.360	1 ==>	2
	401 (Obliquity o)	1	0.632	1 -->	0
	411 (Mesoflexid)	1	0.250	0 ==>	1
	418 (Formation o)	1	0.400	0 ==>	1
	440 (*Location o)	1	0.261	0 ==>	1
	441 (*Development)	1	0.238	0 -->	1
	442 (*Anterior o)	1	0.214	0 ==>	1
	448 (Height of t)	1	0.143	1 -->	0
	454 (Anterior pr)	1	0.111	1 -->	0
	457 (*Length of)	1	0.154	1 -->	2
	473 (Conformatio)	1	0.500	0 -->	1
	476 (Inferior ju)	1	0.333	1 -->	0
	479 (Length of t)	1	0.333	0 -->	1
	493 (Lateral dev)	1	0.500	0 -->	1
	496 (Fusion of t)	1	1.000	1 -->	0
node_181 --> node_178	505 (Development)	1	1.000	0 -->	1
	228 (Mesial meso)	1	0.400	1 -->	0
	232 (Hypoflexus)	1	0.800	1 -->	0
	236 (Number of I)	1	1.000	1 -->	0
	237 (*Number of)	1	1.000	1 -->	0
	238 (Complete fu)	1	1.000	0 -->	1
	350 ((Distal) me)	1	1.000	0 ==>	1
	413 (Metaflexid)	1	0.500	0 ==>	1

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	419 (Number of I)	1	1.000	1	-->	0
	423 (Complete fu)	1	1.000	0	==>	1
	441 (*Devel opmen)	1	0.238	1	-->	2
	443 (*Devel opmen)	1	0.333	1	-->	2
	444 (*Devel opmen)	1	0.231	0	-->	1
	458 (*Shape of t)	1	0.143	1	-->	2
	471 (Postorbi tal)	1	0.077	0	-->	1
	475 (Positi on of)	1	0.333	1	-->	0
	485 (*Positi on o)	1	0.231	1	-->	2
	494 (Devel opment)	1	0.167	0	-->	1
node_178 --> node_177	415 (Hypoflexi d)	1	1.000	0	==>	1
	422 (Complete fu)	1	1.000	0	==>	1
node_177 --> Xenodontomys sim	354 (*Length of)	1	0.360	2	==>	1
	457 (*Length of)	1	0.154	2	-->	1
node_177 --> Ctenomys bolivi e	9 (*Degree of hy)	1	0.111	2	==>	3
	121 (*Si ze of M3)	1	0.130	1	==>	0
	353 (Trigoni d wi)	1	0.125	1	==>	0
	439 (Notch for t)	1	0.360	0	==>	4
	440 (*Locati on o)	1	0.261	1	==>	2
node_181 --> node_180	9 (*Degree of hy)	1	0.111	2	==>	3
	226 (Parafl exus)	1	0.143	0	==>	1
	392 (Mesi olabi al)	1	0.931	1	==>	0
	420 (Shape of th)	1	0.750	0	==>	3
	421 (Shape of th)	1	1.000	0	==>	3
	424 (Fusi on of t)	1	1.000	0	==>	1
	425 (Fusi on of t)	1	0.500	1	==>	0
	485 (*Positi on o)	1	0.231	1	-->	0
	500 (Devel opment)	1	0.143	0	-->	1
node_180 --> node_179	121 (*Si ze of M3)	1	0.130	1	-->	0
	439 (Notch for t)	1	0.360	0	-->	3
	443 (*Devel opmen)	1	0.333	1	-->	0
	448 (Hei ght of t)	1	0.143	0	-->	1
	454 (Anteri or pr)	1	0.111	0	-->	1
	474 (Frontal pro)	1	0.111	1	-->	0
	488 (Palati ne fo)	1	0.250	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	0
	511 (Devel opment)	1	0.250	0	-->	1
node_179 --> Pi thanotomys col	8 (*Cement (in y)	2	0.074	0	==>	2
	73 (*DP4 length/)	1	0.333	1	==>	2
	241 (Shape of th)	1	0.750	3	==>	2
	242 (Shape of th)	1	0.750	3	==>	2
	492 (Anteri or ma)	1	0.400	0	==>	1
node_179 --> Octodon degus	228 (Mesi al meso)	1	0.400	1	==>	0
	462 (*Posteri or)	1	0.154	1	==>	0
node_180 --> Spalacopus cyanu	20 (*Inci sors pr)	1	0.125	1	==>	2
	441 (*Devel opmen)	1	0.238	1	-->	0
	478 (Depth of th)	1	0.250	1	==>	0
	479 (Length of t)	1	0.333	1	-->	0
	493 (Lateral dev)	1	0.500	1	-->	0
node_183 --> Abrocoma bennett	3 (*Loph(-id)s (	1	0.273	2	-->	1
	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	18 (Enamel of up)	1	0.286	1	==>	0
	121 (*Si ze of M3)	1	0.130	1	==>	2
	226 (Parafl exus)	1	0.143	0	==>	1
	469 (*Devel opmen)	1	0.250	2	-->	1
	481 (*Devel opmen)	2	0.400	0	==>	2
	482 (Associ ati on)	1	0.500	0	-->	1
	512 (Accessory f)	1	0.250	0	==>	1
node_186 --> node_185	4 (*Ori entati on)	2	0.500	0	-->	2
	87 (*Ori entati on)	1	0.500	2	-->	1
	121 (*Si ze of M3)	1	0.130	1	-->	0
	234 (*Transversa)	1	0.286	0	==>	1
	323 (Lingual con)	1	0.800	0	==>	2
	334 (Lingual con)	1	0.632	2	-->	0
	343 (Alignm ent o)	1	0.600	0	-->	1
	402 (Alignm ent o)	1	0.882	0	==>	1
	411 (Mesofl exi d)	1	0.250	0	-->	1

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440 (*Locati on o) 1 0. 261 0 --> 1
441 (*Devel opmen) 1 0. 238 0 ==> 1
node_185 --> Adel phomys candi 120 (*Si ze of M1) 1 0. 125 1 ==> 0
373 (Lingual con) 1 0. 905 0 ==> 5
node_185 --> node_184 19 (*Lower inci s) 1 0. 231 0 ==> 1
150 (*Orientati o) 1 0. 727 2 ==> 1
154 (*Orientati o) 1 0. 700 2 ==> 1
303 (Trigoni d wi) 1 0. 125 0 ==> 1
359 (Posterio r a) 1 0. 500 1 --> 0
366 (Mesostylid ) 1 0. 750 0 --> 1
node_184 --> Prosti chomys bow 3 (*Loph(-id)s () 1 0. 273 2 --> 1
9 (*Degree of hy) 1 0. 111 1 ==> 0
327 (Thi rd crist) 1 0. 250 0 ==> 1
333 (Mesol ophi d ) 1 0. 500 0 ==> 1
343 (Alignme nt o) 1 0. 600 1 --> 0
354 (*Length of ) 1 0. 360 1 ==> 2
378 (Directi on o) 1 0. 625 0 ==> 1
383 (Neomesol oph) 1 0. 767 0 ==> 1
439 (Notch for t) 1 0. 360 4 ==> 1
442 (*Anterio r o) 1 0. 214 0 ==> 1
node_184 --> Sti chomys regula 121 (*Si ze of M3) 1 0. 130 0 --> 1
373 (Lingual con) 1 0. 905 0 ==> 4
440 (*Locati on o) 1 0. 261 1 --> 0
node_188 --> Dudumus rui gomez 123 (M2 length/w) 1 0. 154 1 ==> 0
192 (Positi on of) 1 0. 154 0 ==> 1
308 (*Positi on o) 1 0. 273 2 --> 1
329 (Neomesol oph) 1 0. 529 1 ==> 0
334 (Lingual con) 1 0. 632 2 ==> 1
442 (*Anterio r o) 1 0. 214 0 ==> 1
node_189 --> Pampamys emmonsa 3 (*Loph(-id)s () 1 0. 273 1 ==> 2
73 (*DP4 length/) 1 0. 333 1 --> 2
96 (*Posterio r i) 2 0. 375 2 ==> 0
168 (*Positi on o) 1 0. 375 2 ==> 1
349 (Anteroflexi) 1 0. 500 0 ==> 1
372 (*Length of ) 1 0. 731 1 ==> 2
393 (Alignme nt o) 1 0. 875 0 ==> 1
434 (*Length of ) 1 0. 333 1 --> 0
node_190 --> Cavi ocricetus lu 179 (*Length of ) 2 0. 680 0 ==> 2
180 (Mesol oph on) 1 0. 800 1 ==> 0
181 (Mesol oph on) 1 0. 889 1 ==> 0
222 (Lingual con) 1 0. 273 1 ==> 0
223 (Lingual con) 1 0. 333 1 ==> 0
224 (Si ze of the) 1 0. 200 0 ==> 1
308 (*Positi on o) 1 0. 273 2 --> 1
310 (Metal ophul i) 1 0. 600 1 ==> 0
328 (*Orientati o) 1 0. 467 2 --> 1
338 (Alignme nt o) 1 0. 308 0 ==> 1
node_191 --> Plesi acarechi mys 73 (*DP4 length/) 1 0. 333 1 ==> 0
109 (Pronounced ) 1 0. 333 0 --> 1
120 (*Si ze of M1) 1 0. 125 1 ==> 0
192 (Positi on of) 1 0. 154 0 ==> 1
334 (Lingual con) 1 0. 632 2 ==>
(01)
410 (Strong redu) 1 0. 125 1 ==> 0
node_193 --> Sal lamys pascual 9 (*Degree of hy) 2 0. 111 0 ==> 2
34 (Length of th) 1 1. 000 0 ==> 1
35 (Orientati on ) 1 0. 450 1 ==> 0
39 (Mure on P4) 1 0. 500 1 ==> 0
59 (Anterio r arm) 1 0. 778 1 ==> 0
94 (Surface of t) 1 0. 333 1 ==> 0
96 (*Posterio r i) 1 0. 375 1 ==> 0
103 (Mesol ophul e) 1 0. 429 1 ==> 0
171 (Posterio r i) 1 0. 640 1 ==> 0
252 (*Length of ) 1 0. 167 1 ==> 2
256 (*Devel opmen) 1 0. 308 1 ==> 2
282 (Notch betwe) 1 0. 500 0 ==> 1
309 (Metaconi d-p) 1 0. 500 0 ==> 1
339 (Mesoconi d-l) 1 0. 625 0 --> 1

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372 (*Length of ) 1 0.731 1 ==> 2
375 (*Length of ) 1 0.353 1 ==> 2
434 (*Length of ) 1 0.333 1 --> 0
437 (*Locati on o) 1 0.143 1 ==> 0
node_196 --> Mayomys confl uen 82 (Posterior ar) 1 0.333 0 --> 1
84 (Orientati on ) 1 0.471 1 ==> 2
100 (Mesoloph on) 1 0.429 1 ==> 0
111 (Metacone on) 1 0.167 0 ==> 1
182 (*Length of ) 1 0.625 1 ==> 0
208 (Posterior i) 1 0.100 1 ==> 0
258 (*Positi on o) 1 0.375 1 ==> 2
266 (*Anterior i) 1 0.846 1 ==> 2
node_197 --> Eosal lamys paul a 62 (Pronounced A) 1 0.444 1 ==> 0
97 (Anterior arm) 1 0.375 1 ==> 0
98 (Posterior ar) 1 0.400 1 ==> 0
120 (*Size of M1) 1 0.125 1 --> 0
308 (*Positi on o) 1 0.273 1 ==> 0
393 (Alignment o) 1 0.875 0 ==> 1
node_201 --> node_200 53 (Length of th) 1 0.750 0 --> 1
84 (Orientati on ) 1 0.471 1 ==> 2
96 (*Posterior i) 1 0.375 0 --> 1
120 (*Size of M1) 1 0.125 1 --> 0
258 (*Positi on o) 1 0.375 1 --> 2
277 (Mesolophi d) 1 0.929 0 --> 1
320 (Neocristid ) 1 0.750 0 ==> 1
372 (*Length of ) 1 0.731 1 ==> 0
376 (Lingual con) 1 0.636 2 --> 3
388 (Lingual con) 1 0.857 0 --> 3
437 (*Locati on o) 1 0.143 1 --> 0
node_200 --> Shapaj amys laboc 28 (Posterior ar) 1 0.500 1 ==> 0
31 (Length of th) 1 0.333 0 ==> 1
68 (Metaloph on ) 1 0.462 1 ==> 0
79 (Neocrestule ) 1 0.750 0 ==> 1
205 (Thicknes s o) 1 0.600 1 ==> 0
223 (Lingual con) 1 0.333 1 ==> 0
305 (Anteroconi d) 1 0.286 0 --> 1
308 (*Positi on o) 1 0.273 1 ==> 0
321 (Labial conn) 1 1.000 0 ==> 1
325 (Protoconi d) 1 0.400 1 ==> 0
328 (*Orientati o) 1 0.467 0 ==> 1
node_200 --> node_199 35 (Orientati on ) 1 0.450 1 --> 0
36 (Lingual prot) 1 0.250 0 --> 1
39 (Mure on P4) 1 0.500 1 --> 0
46 (*Anterior is) 1 0.714 0 --> 1
64 (Metacone on) 1 0.222 0 --> 1
85 (Lingual prot) 1 0.500 0 --> 1
101 (Length of t) 1 1.000 0 --> 1
147 (Lingual pro) 1 0.643 0 ==> 1
151 (Lingual pro) 1 0.400 0 ==> 1
174 (Posterior a) 1 0.391 1 --> 0
202 (Devel opment) 1 0.400 0 ==> 1
311 (Lingual con) 1 0.333 1 --> 0
312 (Labial conn) 1 0.500 1 --> 0
340 (*Positi on o) 1 0.412 2 --> 1
395 (Positi on of) 1 0.421 1 ==> 0
node_199 --> Eobrani samys rom 178 (Mesolophul e) 1 0.583 1 ==> 0
185 (Lingual con) 1 0.688 1 ==> 0
node_199 --> Eobrani samys jav 384 (Length of t) 1 0.700 0 ==> 1
401 (Obliquity o) 1 0.632 0 ==> 1
node_204 --> node_203 36 (Lingual prot) 1 0.250 0 --> 1
69 (Lingual conn) 1 0.615 0 --> 4
192 (Positi on of) 1 0.154 0 --> 1
199 (Metacone on) 1 0.444 0 --> 1
205 (Thi ckness o) 1 0.600 1 ==> 0
211 (Metaloph on) 1 0.647 0 --> 1
289 (Alignment o) 1 0.800 0 ==> 1
291 (Hei ght of t) 1 0.250 1 ==> 0
347 (*Hei ght of ) 1 0.500 2 --> 1

```

Hsearch_Consensus.out					
	363 (Labial conn)	1	0.667	0	--> 1
	372 (*Length of)	1	0.731	1	--> 2
	374 (Posterior a)	1	0.375	0	--> 1
	404 (*Height of)	1	0.308	2	--> 1
	440 (*Location o)	1	0.261	0	--> 1
node_203 --> Pozomys ucayal i e	146 (Orientation)	1	0.814	1	==> 2
	147 (Lingual pro)	1	0.643	0	==> 1
	197 (Pronounced)	1	0.435	0	==> 1
	229 (*Reducti on)	1	0.167	0	==> 1
	269 (Posterior a)	1	0.545	0	==> 1
	392 (Mesiolabi al)	1	0.931	1	==> 0
node_203 --> node_202	5 (*Orientati on)	1	0.571	0	--> 1
	9 (*Degree of hy)	1	0.111	0	==> 1
	123 (M2 length/w)	1	0.154	0	==> 1
	151 (Lingual pro)	1	0.400	0	--> 1
	200 (Metacone on)	1	0.500	0	--> 1
	212 (Metaloph on)	1	0.615	0	--> 1
	256 (*Devel opmen)	1	0.308	1	--> 2
	267 (Buccal meta)	1	0.667	0	--> 1
	409 (Anteroflexi)	1	0.286	0	--> 1
node_202 --> Tarapotomys mayo	44 (*Devel opment)	1	0.636	1	==> 0
	87 (*Orientati on)	1	0.500	2	==> 1
	393 (Alignment o)	1	0.875	0	==> 1
node_202 --> Tarapotomys suba	60 (Length of th)	1	0.500	1	==> 0
	84 (Orientati on)	1	0.471	1	==> 2
	115 (Metaloph on)	1	0.667	1	==> 0
	143 (Thi ckness o)	1	0.643	0	==> 1
	174 (Posterior a)	1	0.391	1	--> 0
	192 (Posi ti on of)	1	0.154	1	--> 0
node_206 --> Cachi yacuy kumme	35 (Orientati on)	1	0.450	0	==> 1
	201 (*Devel opmen)	1	0.400	1	==> 2
	215 (Lingual con)	1	0.870	3	==> 0
	224 (Size of the)	1	0.200	0	--> 1
	270 (Lingual con)	1	0.773	3	==> 1
node_209 --> node_208	93 (Mesostyle on)	1	0.833	1	--> 0
	164 (Mesostyle o)	1	0.625	1	--> 0
	165 (Mesostyle o)	1	0.750	1	--> 0
	171 (Posterior i)	1	0.640	0	--> 1
	197 (Pronounced)	1	0.435	0	--> 1
	203 (*Posi ti on o)	1	0.385	1	==> 2
	217 (Lingual con)	1	0.696	2	==> 4
	303 (Trigoni d wi)	1	0.125	0	==> 1
	308 (*Posi ti on o)	1	0.273	1	--> 2
	317 (Metaconi d c)	1	0.571	1	--> 0
	323 (Lingual con)	1	0.800	3	--> 0
	327 (Thi rd crist)	1	0.250	1	--> 0
	329 (Neomesol oph)	1	0.529	1	--> 0
	333 (Mesol ophi d)	1	0.500	1	--> 0
	360 (Length of t)	1	0.650	0	==> 1
	371 (Posterior a)	1	0.706	0	--> 1
	374 (Posterior a)	1	0.375	0	--> 1
	375 (*Length of)	2	0.353	0	--> 2
	376 (Lingual con)	1	0.636	2	--> 0
	439 (Notch for t)	1	0.360	1	==> 4
	443 (*Devel opmen)	1	0.333	2	--> 1
	454 (Anterior pr)	1	0.111	0	==> 1
	462 (*Posterior)	1	0.154	1	--> 2
	473 (Conformati o)	2	0.500	0	--> 2
	478 (Depth of th)	1	0.250	0	--> 1
	479 (Length of t)	1	0.333	0	--> 1
	483 (Posi ti on of)	1	0.600	0	--> 1
	506 (Mastoi d pro)	1	0.250	1	--> 0
	510 (Thi ckness o)	1	0.250	0	==> 1
node_208 --> Thryonomys swi nd	73 (*DP4 length/)	1	0.333	1	==> 0
	99 (Thi rd crest)	1	0.500	1	==> 0
	103 (Mesol ophul e)	1	0.429	1	==> 0
	120 (*Si ze of M1)	1	0.125	1	--> 0
	175 (Thi rd crest)	1	0.333	1	==> 0

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	176 (Third crest)	1	0.667 1 ==> 0
	177 (Mesolophule)	1	0.583 1 ==> 0
	178 (Mesolophule)	1	0.583 1 ==> 0
	196 (Pronounced)	1	0.742 0 ==> 1
	202 (Development)	1	0.400 0 ==> 1
	207 (Posteroloph)	1	0.750 0 ==> 1
	209 (Posteroloph)	1	0.333 0 ==> 1
	434 (*Length of)	1	0.333 1 --> 0
	440 (*Location of)	1	0.261 0 --> 1
	441 (*Development)	1	0.238 0 ==> 1
	442 (*Anterior of)	1	0.214 0 ==> 1
	490 (Development)	1	0.250 0 --> 1
	491 (*Apex of th)	1	0.500 1 ==> 2
	492 (Anterior ma)	1	0.400 1 ==> 0
	499 (Development)	1	0.111 0 ==> 1
	500 (Development)	1	0.143 0 ==> 1
node_208 --> Paraphimys pi go	20 (*Incisors pr)	1	0.125 1 ==> 0
	114 (*Metacone-p)	1	0.375 2 --> 1
	218 (Double ling)	1	1.000 0 ==> 2
	302 (Proportions)	1	0.500 1 ==> 0
	313 (Mesostylid)	1	0.571 1 ==> 0
	443 (*Development)	1	0.333 1 ==> 0
	464 (Interorbital)	1	0.333 0 ==> 1
	465 (Posterior s)	1	0.667 1 ==> 0
	471 (Postorbital)	1	0.077 1 ==> 0
node_210 --> Metaphimys scha	185 (Lingual con)	1	0.688 1 ==> 0
	205 (Thickness of)	1	0.600 1 ==> 0
	208 (Posterior i)	1	0.100 1 ==> 0
	372 (*Length of)	1	0.731 1 ==> 0
node_211 --> Acritophimys bo	53 (Length of th)	1	0.750 0 ==> 1
	61 (Orientation)	1	0.500 0 ==> 2
	168 (*Position of)	1	0.375 0 ==> 1
	284 (*Posterior)	1	0.474 1 ==> 0
	330 (Length of t)	1	0.500 0 ==> 1
	467 (Maxillary o)	1	0.400 0 ==> 1
	472 (Development)	1	0.333 0 --> 1
node_214 --> Baluchimys barry	81 (Length of th)	1	1.000 0 --> 1
	142 (Posterior a)	1	0.731 0 ==> 1
	157 (Mure on M3)	1	0.500 1 --> 0
	164 (Mesostyle o)	1	0.625 1 ==> 0
	165 (Mesostyle o)	1	0.750 1 ==> 0
	190 (Development)	1	0.333 1 --> 0
	191 (Position of)	1	0.286 0 ==> 1
	340 (*Position of)	1	0.412 1 ==> 2
	368 (Posterior i)	1	0.600 0 ==> 1
	376 (Lingual con)	1	0.636 2 --> 0

LOG command canceled.

Tree description:

Unrooted tree(s) rooted using outgroup method

Optimality criterion = parsimony

Character-status summary:

Of 513 total characters:

86 characters are of type 'ord' (Wagner)

427 characters are of type 'unord'

427 characters have weight 1

79 characters have weight 0.50

6 characters have weight 0.33

1 character has weight 0.25

2 characters are constant

52 variable characters are parsimony-uninformative

Number of parsimony-informative characters = 459

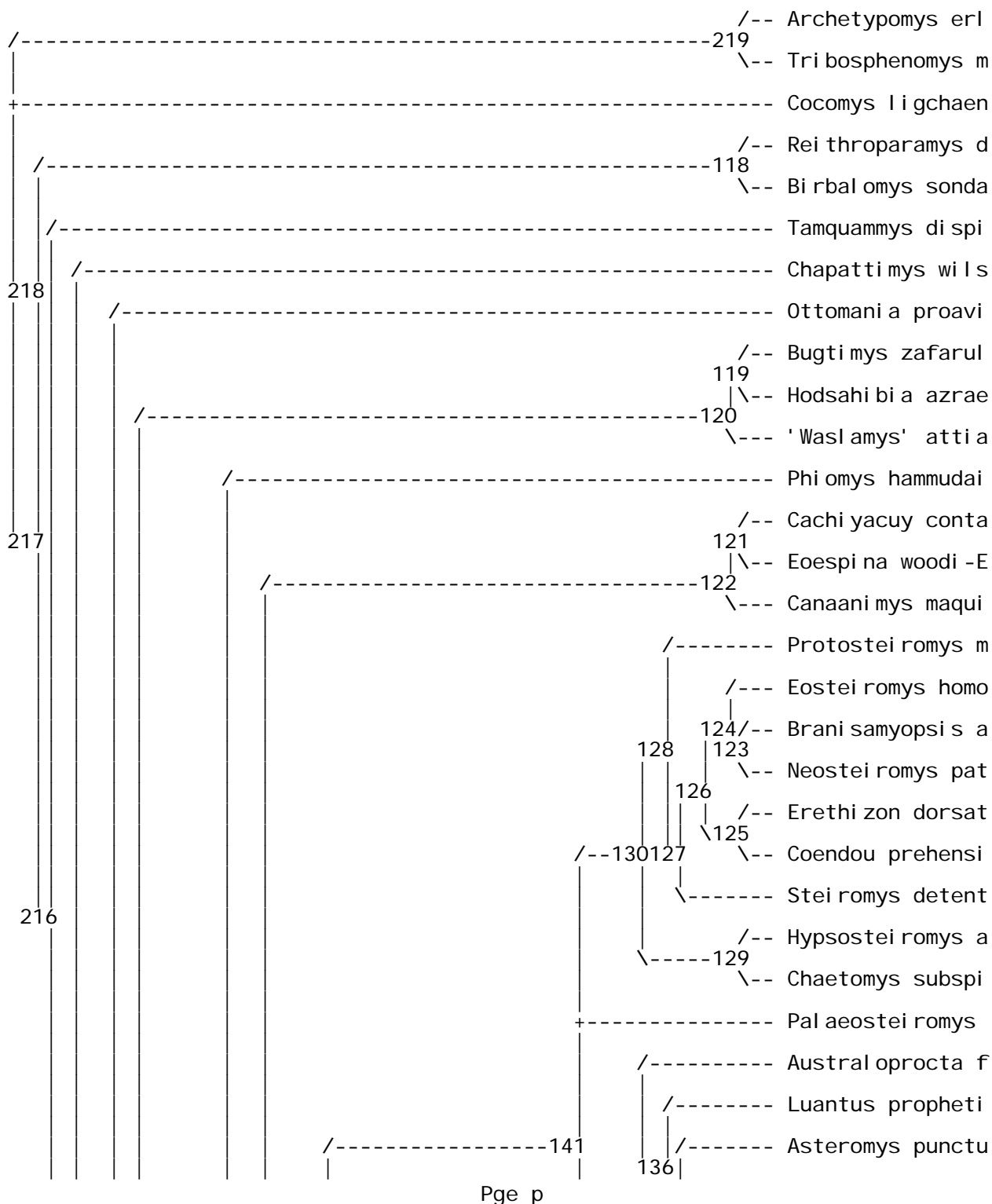
Gaps are treated as "missing"

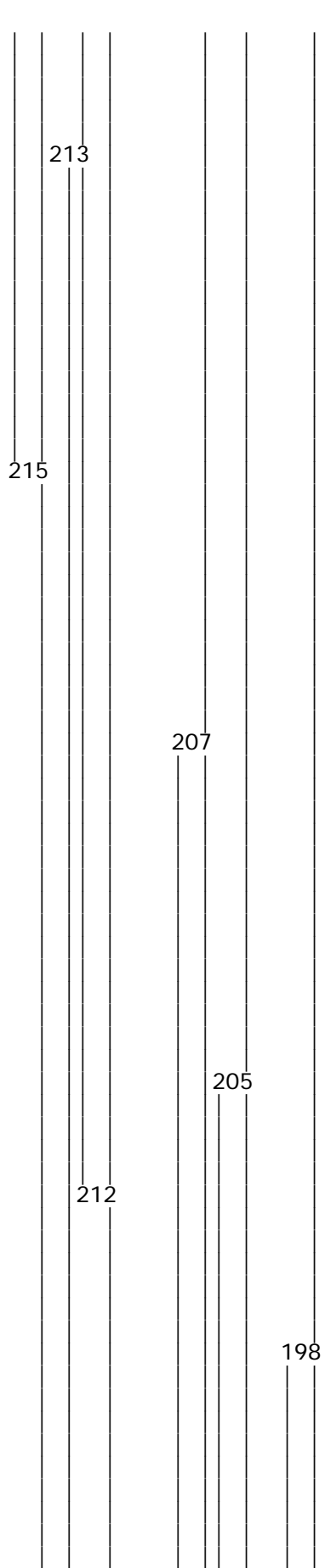
Multistate taxa interpreted as polymorphism ("min" values for CI, RI, and RC are minimum-possible character lengths)

Hsearch_Consensus.out
 Character-state optimization: Accelerated transformation (ACCTRAN)

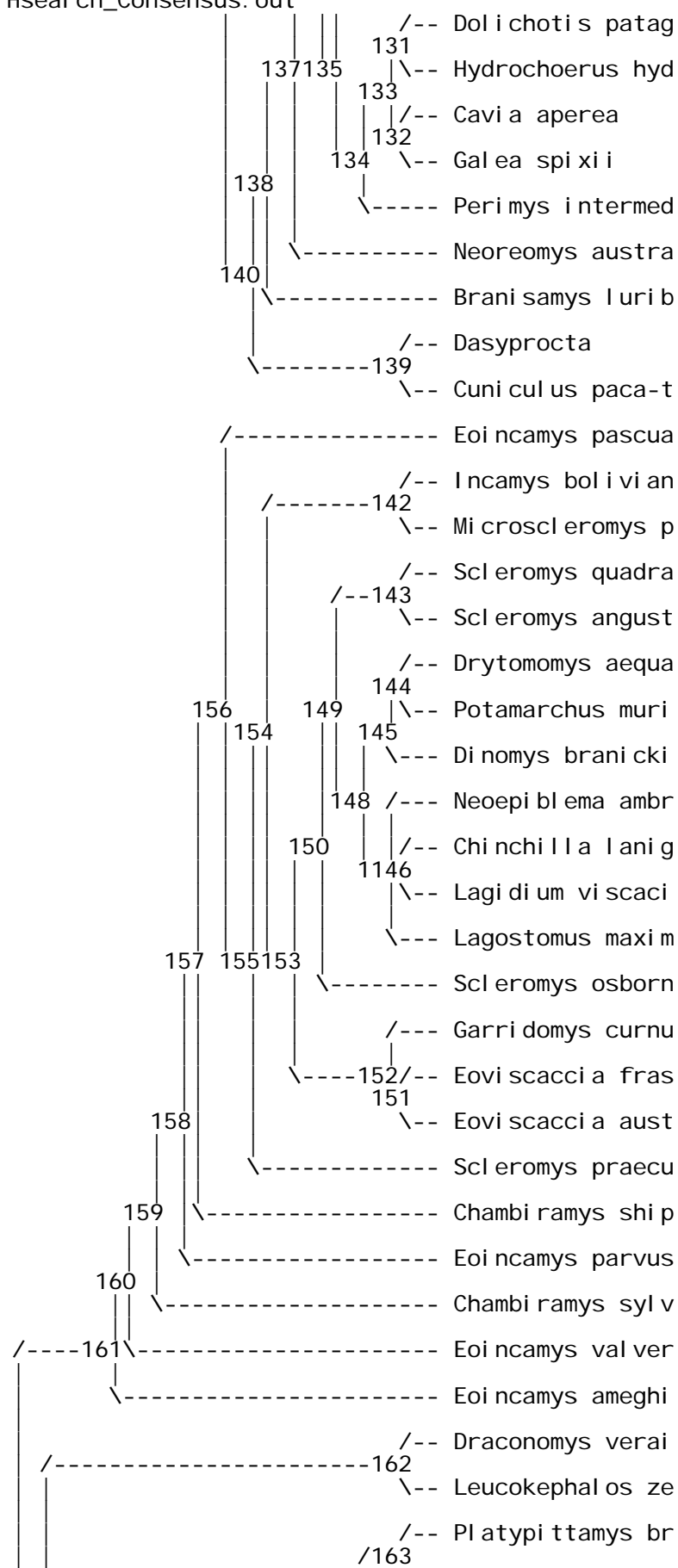
Tree number 1 (rooted using user-specified outgroup)

Tree length = 3306.65
 Consistency index (CI) = 0.5726
 Homoplasy index (HI) = 0.8252
 CI excluding uninformative characters = 0.5523
 HI excluding uninformative characters = 0.4477
 Retention index (RI) = 0.5976
 Rescaled consistency index (RC) = 0.3422

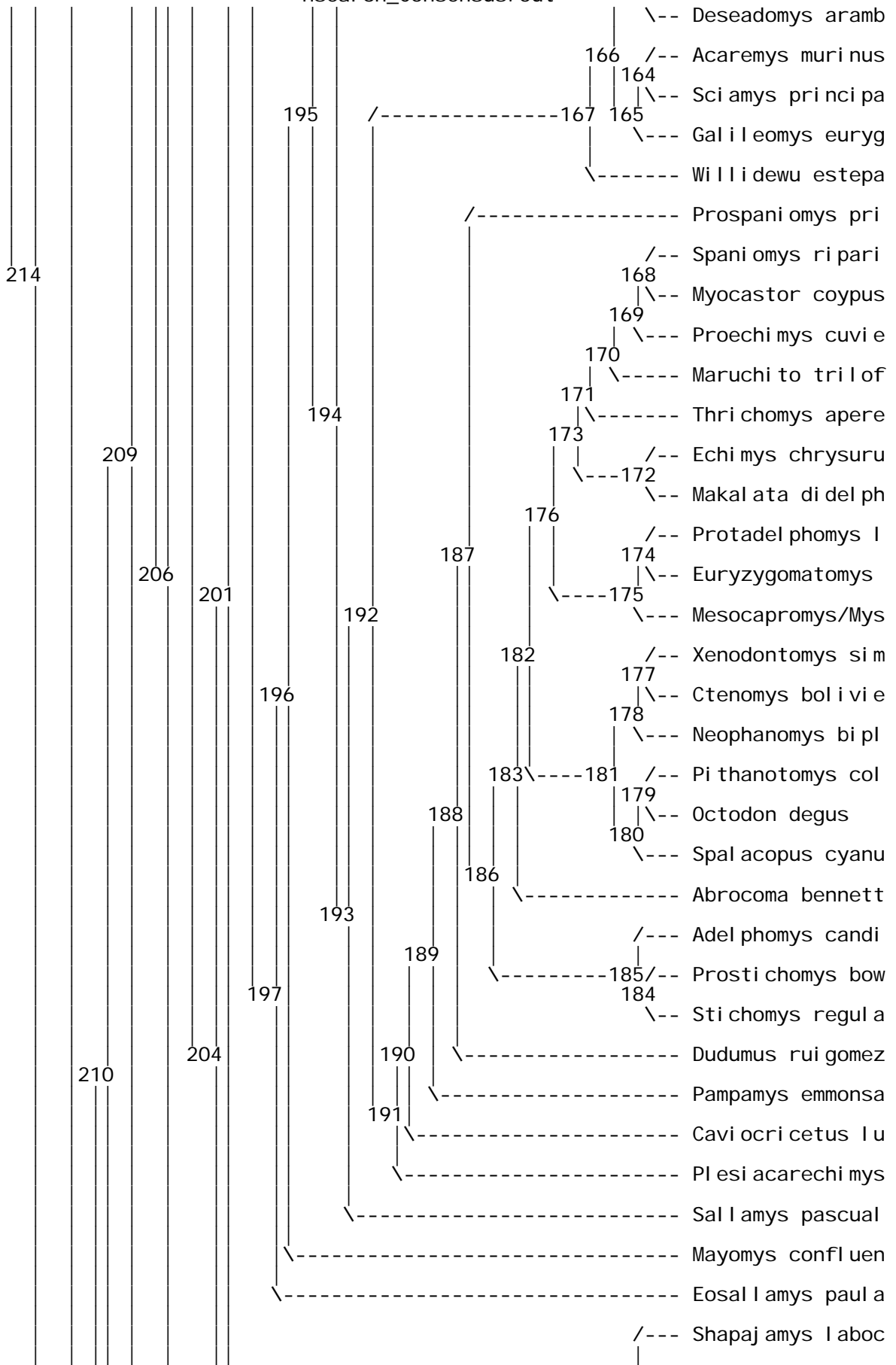


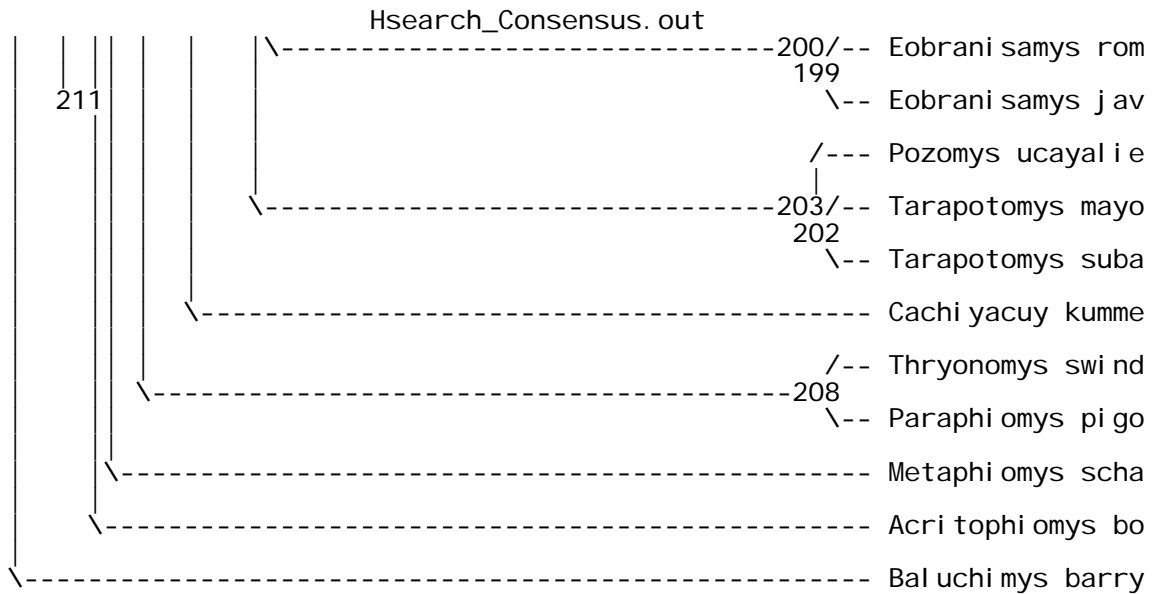


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Character change lists:

Character	CI	Steps	Changes
1 (*Cusp(-id)s and)	0.667	1	node_218 0 --> 1 node_217
		1	node_118 1 --> 0 Bi rbal omys sonda
		1	node_215 1 ==> 2 node_214
		2	Pal aeostei romys 2 --> (012) (wi thi n terminal)
		2	Dol i choti s patag 2 --> (012) (wi thi n terminal)
		2	Galea spi xi i 2 --> (012) (wi thi n terminal)
		2	Lagostomus maxi m 2 --> (012) (wi thi n terminal)
		2	Eovi scacci a fras 2 --> (012) (wi thi n terminal)
		2	Xenodontomys si m 2 --> (012) (wi thi n terminal)
		2	Ctenomys bol i vie 2 --> (012) (wi thi n terminal)
		2	Pi thanotomys col 2 --> (012) (wi thi n terminal)
		2	Octodon degus 2 --> (012) (wi thi n terminal)
		2	Spal acopus cyanu 2 --> (012) (wi thi n terminal)
2 (Cusp(-id)s)	1.000	1	node_215 0 ==> 1 node_214
		1	Dol i choti s patag 1 --> (01) (wi thi n terminal)
		1	Hydrochoerus hyd 1 --> (01) (wi thi n terminal)
		1	Cavi a aperea 1 --> (01) (wi thi n terminal)
		1	Galea spi xi i 1 --> (01) (wi thi n terminal)
		1	Lagostomus maxi m 1 --> (01) (wi thi n terminal)
		1	Eovi scacci a fras 1 --> (01) (wi thi n terminal)
		1	Xenodontomys si m 1 --> (01) (wi thi n terminal)
		1	Ctenomys bol i vie 1 --> (01) (wi thi n terminal)
		1	Pi thanotomys col 1 --> (01) (wi thi n terminal)
		1	Octodon degus 1 --> (01) (wi thi n terminal)
		1	Spal acopus cyanu 1 --> (01) (wi thi n terminal)
3 (*Loph(-id)s (at))	0.273	1	node_218 0 ==> 1 node_217
		1	node_129 1 ==> 2 Chaetomys subspi
		1	node_140 1 ==> 2 node_138
		2	Dol i choti s patag 2 --> (012) (wi thi n terminal)
		2	Hydrochoerus hyd 2 --> (012) (wi thi n terminal)

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2 Cavia aperea 2 --> (012) (w i t h i n
termi nal)

2 Galea spi xi i 2 --> (012) (w i t h i n
termi nal)

1 node_156 1 ==> 2 node_155

2 Mi croscl eromys p 2 --> (012) (w i t h i n
termi nal)

2 Lagostomus maxi m 2 --> (012) (w i t h i n
termi nal)

2 Eovi scacci a fras 2 --> (012) (w i t h i n
termi nal)

1 Chambi ramys shi p 1 --> (12) (w i t h i n termi nal)

1 node_164 1 ==> 2 Sci amys pri nci pa

1 node_187 1 --> 2 node_186

1 node_169 2 ==> 1 Proechi mys cuvi e

2 Xenodontomys si m 2 --> (012) (w i t h i n
termi nal)

2 Ctenomys bol i vi e 2 --> (012) (w i t h i n
termi nal)

2 Pi thanotomys col 2 --> (012) (w i t h i n
termi nal)

2 Octodon degus 2 --> (012) (w i t h i n
termi nal)

2 Spal acopus cyanu 2 --> (012) (w i t h i n
termi nal)

1 node_183 2 --> 1 Abrocoma bennett

1 node_184 2 --> 1 Prosti chomys bow

1 node_189 1 ==> 2 Pampamys emmonsa

1 Brani samyopsi s a 0 --> (01) (w i t h i n termi nal)

1 node_129 0 ==> 1 Hypsostei romys a

1 Austral oprocta f 0 --> (01) (w i t h i n termi nal)

2 Asteromys punctu 0 --> (012) (w i t h i n
termi nal)

2 Dol i choti s patag 0 --> (012) (w i t h i n
termi nal)

2 Hydrochoerus hyd 0 --> (012) (w i t h i n
termi nal)

2 Cavia aperea 0 --> (012) (w i t h i n
termi nal)

2 Galea spi xi i 0 --> (012) (w i t h i n
termi nal)

1 node_195 0 --> 1 node_161

1 node_159 1 ==> 2 node_158

1 node_154 2 ==> 1 node_142

1 node_142 1 ==> 0 Incamys bol i vi an

1 node_147 2 ==> 1 node_146

2 Lagostomus maxi m 2 --> (012) (w i t h i n
termi nal)

2 Eovi scacci a fras 2 --> (012) (w i t h i n
termi nal)

1 Eoi ncamys val ver 1 --> (12) (w i t h i n termi nal)

1 Eoi ncamys ameghi 1 --> (01) (w i t h i n termi nal)

2 Leucokephal os ze 0 --> (012) (w i t h i n
termi nal)

1 node_169 0 ==> 1 node_168

1 Maruchi to tril of 0 --> (01) (w i t h i n termi nal)

2 node_174 0 ==> 2 Protadel phomys I

1 Mesocapromys/Mys 0 --> (01) (w i t h i n termi nal)

2 Xenodontomys si m 0 --> (012) (w i t h i n
termi nal)

2 Ctenomys bol i vi e 0 --> (012) (w i t h i n
termi nal)

2 Neophanomys bi pl 0 --> (012) (w i t h i n
termi nal)

2 Pi thanotomys col 0 --> (012) (w i t h i n
termi nal)

2 Octodon degus 0 --> (012) (w i t h i n
termi nal)

4 (*Orientation of) 0.500

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2 Spalacopus cyanu 0 --> (012) (wi thi n
termi nal)

2 node_186 0 --> 2 node_185

2 Adelphomys candi 2 --> (012) (wi thi n
termi nal)

1 Prosthomys bow 2 --> (12) (wi thi n termi nal)

1 node_130 0 ==> 1 node_129

1 node_129 1 ==> 2 Hypsostei romys a

1 Australoprocta f 0 --> (01) (wi thi n termi nal)

2 Dolichotis patag 0 --> (012) (wi thi n
termi nal)

2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)

2 Cavia aperea 0 --> (012) (wi thi n
termi nal)

2 Galea spixi i 0 --> (012) (wi thi n
termi nal)

2 Perimys intermed 0 --> (012) (wi thi n
termi nal)

1 node_195 0 --> 1 node_161

1 node_161 1 --> 2 node_160

1 Eoincamys pascua 2 --> (12) (wi thi n termi nal)

1 node_154 2 ==> 1 node_142

1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)

2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)

1 node_145 2 ==> 1 Dinomys brani cki

1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)

2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)

2 Garri domys curnu 2 --> (012) (wi thi n
termi nal)

2 Eoviscaccia fras 2 --> (012) (wi thi n
termi nal)

2 Scleromys praecu 2 --> (012) (wi thi n
termi nal)

1 Chambi ramys syl v 2 --> (12) (wi thi n termi nal)

2 Eoincamys val ver 2 --> (012) (wi thi n
termi nal)

1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)

2 node_187 0 ==> 2 node_186

1 Myocastor coypus 2 --> (12) (wi thi n termi nal)

2 Proechimys cuvie 2 --> (012) (wi thi n
termi nal)

1 Maruchito tril of 2 --> (12) (wi thi n termi nal)

2 node_171 2 ==> 0 Thrichomys apere

1 node_175 2 ==> 1 node_174

1 Protadelphomys l 1 --> (01) (wi thi n termi nal)

1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

2 node_182 2 --> 0 node_181

2 Xenodontomys sim 0 --> (012) (wi thi n
termi nal)

2 Ctenomys bolivi e 0 --> (012) (wi thi n
termi nal)

2 Pithanotomys col 0 --> (012) (wi thi n
termi nal)

2 Octodon degus 0 --> (012) (wi thi n
termi nal)

2 Spalacopus cyanu 0 --> (012) (wi thi n
termi nal)

1 Prosthomys bow 2 --> (12) (wi thi n termi nal)

1 node_203 0 --> 1 node_202

1 Tarapotomys mayo 1 --> (12) (wi thi n termi nal)

2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)

1 node_136 0 ==> 1 Luantus propheti

1 node_134 0 ==> 1 node_133

1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)

5 (*Orientation of) 0.571

6 (Furrow opposite) 0.500

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7 (Transverse dent) 0.500

8 (*Cement (in you) 0.074

9 (*Degree of hyps) 0.111

10 (Substitution o) 0.250

11 (Upper tooth ro) 0.125

```

1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 node_131 0 ==> 1 Dol i choti s patag
1 node_132 0 ==> 1 Cavi a aperea
2 node_129 0 ==> 2 Chaetomys subspi
2 node_135 0 ==> 2 node_134
1 node_131 2 --> 1 Dol i choti s patag
2 node_132 2 ==> 0 Gale a spi xi i
2 node_139 0 ==> 2 Cuni cul us paca-t
2 node_142 0 ==> 2 Incamys bol i vi an
2 node_145 0 ==> 2 node_144
2 node_147 0 ==> 2 Neoepi bl ema ambr
2 node_152 0 ==> 2 node_151
2 node_168 0 ==> 2 Myocastor coypus
2 node_172 0 ==> 2 Echi mys chrysuru
2 node_175 0 ==> 2 Mesocapromys/Mys
2 node_179 0 ==> 2 Pi thanotomys col
2 node_183 0 ==> 2 Abrocoma bennett
2 node_129 0 ==> 2 Chaetomys subspi
2 node_141 0 ==> 2 Australoprocta f
1 node_137 2 ==> 1 Australoprocta f
1 node_135 2 ==> 1 Asteromys punctu
1 node_135 2 ==> 3 node_134
1 node_161 0 ==> 1 node_160
1 node_156 1 ==> 0 Eoi ncamys pascua
1 node_156 1 ==> 2 node_155
3 Mi croscl eromys p 2 --> (0123) (wi thi n
termi nal)
1 node_149 2 --> 3 node_148
1 node_145 3 --> 2 node_144
3 Eovi scacci a fras 2 --> (0123) (wi thi n
termi nal)
1 node_166 0 --> 1 node_165
1 node_164 1 --> 0 Acaremys muri nus
1 node_187 0 ==> 1 node_186
1 node_186 1 ==> 2 node_183
1 node_168 2 ==> 1 Spani omys ri pari
1 node_172 2 ==> 1 Echi mys chrysuru
1 node_174 2 ==> 1 Protadel phomys I
1 node_175 2 ==> 3 Mesocapromys/Mys
1 node_177 2 ==> 3 Ctenomys bol i vi e
1 node_181 2 ==> 3 node_180
1 node_183 2 ==> 3 Abrocoma bennett
1 node_184 1 ==> 0 Prosti chomys bow
3 Pampamys emmonsa 0 --> (0123) (wi thi n
termi nal)
2 node_193 0 ==> 2 Sal l amys pascual
1 node_203 0 ==> 1 node_202
1 node_211 0 --> 1 node_210
1 node_209 1 --> 0 node_207
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 node_192 0 ==> 1 node_191
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 node_174 1 ==> 0 Protadel phomys I
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys li gchaen 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

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```

1 Bugtimys zafaral 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 node_125 0 ==> 1 Erethizon dorsat
1 node_129 0 ==> 1 Hypsostei romys a
1 Palaeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_138 0 ==> 1 node_137
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_153
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 node_183 0 --> 1 node_182
1 node_176 1 --> 0 node_173
1 node_168 0 ==> 1 Myocastor coypus
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 node_174 1 --> 0 Protadelphomys I
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_137 0 --> 1 node_136
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_161
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 node_145 1 --> 0 Di nomys brani cki
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principi a 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 node_176 0 --> 1 node_173
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
13 (Di stri bution o) 0.667
1 node_155 0 ==> 1 node_154
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
14 (I mportance of ) 0.333
1 node_144 1 ==> 0 Drytomomys aequa
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 node_149 0 ==> 1 node_148
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 node_147 1 ==> 0 Neoepi bl ema ambr
1 node_152 0 ==> 1 node_151
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)

15 (Number of root) 1.000

Hsearch_Consensus.out

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1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopeblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito triflor 0 --> (01) (w i t h i n t e r m i n a l )
1 node_173 0 ==> 1 node_172
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bip 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi carechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 --> 1 node_216
1 node_215 1 --> 0 Chapattimys wils
1 Ottomaniaproavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafaral 1 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopeblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )

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16 (Type of HSB of) 0.500

Hsearch_Consensus.out

1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 0 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 0 --> (012) (wi thi n
 termi nal)
 2 Cocomys ligchaen 0 --> (012) (wi thi n
 termi nal)
 2 Rei throparamys d 0 --> (012) (wi thi n
 termi nal)
 2 Bi rbal omys sonda 0 --> (012) (wi thi n
 termi nal)
 1 node_216 0 --> 1 Tamquammys di spi
 2 Chapattimys wils 0 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 0 --> (012) (wi thi n
 termi nal)
 2 Bugti mys zafarul 0 --> (012) (wi thi n
 termi nal)
 2 'Wasl amys' attia 0 --> (012) (wi thi n
 termi nal)
 2 node_212 0 --> 2 node_211
 1 node_209 2 --> 1 node_207
 2 Cachi yacuy conta 1 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
 termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n
 termi nal)
 2 Eostei romys homo 1 --> (012) (wi thi n
 termi nal)
 2 Brani samyopsi s a 1 --> (012) (wi thi n

17 (*IPM arrange) 0.538

Hsearch_Consensus.out

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2 Neosteioromys pat 1 --> terminal)
(012) (with in
terminal)
2 Coendou prehensi 1 --> (012) (with in
terminal)
1 Steioromys detent 1 --> (01) (with in terminal)
2 Hypsosteioromys a 1 --> (012) (with in
terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
2 Palaeosteioromys 1 --> (012) (with in
terminal)
1 node_138 1 ==> 0 node_137
2 Australoprocta f 0 --> (012) (with in
terminal)
2 Luantus propheti 0 --> (012) (with in
terminal)
2 Asteromys punctu 0 --> (012) (with in
terminal)
1 node_131 0 ==> 1 Dolichotis patag
2 Cuniculus paca-t 1 --> (012) (with in
terminal)
2 Eoincamys pascua 1 --> (012) (with in
terminal)
2 Microcleromys p 1 --> (012) (with in
terminal)
2 Potamarchus muri 1 --> (012) (with in
terminal)
1 node_148 1 --> 0 node_147
2 Neopiblima ambr 0 --> (012) (with in
terminal)
2 Lagidium viscaci 0 --> (012) (with in
terminal)
2 Lagostomus maxi m 0 --> (012) (with in
terminal)
2 Garri domys curnu 1 --> (012) (with in
terminal)
2 Eoviscaccia fras 1 --> (012) (with in
terminal)
2 Eoviscaccia aust 1 --> (012) (with in
terminal)
2 Chambi ramys shi p 1 --> (012) (with in
terminal)
2 Eoincamys parvus 1 --> (012) (with in
terminal)
2 Chambi ramys syl v 1 --> (012) (with in
terminal)
2 Eoincamys val ver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Acaremys murinus 2 --> (012) (with in
terminal)
2 Galileomys euryg 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in
terminal)
2 Prospani omys pri 2 --> (012) (with in
terminal)
2 Maruchito trilof 2 --> (012) (with in
terminal)
2 Protadelphomys l 2 --> (012) (with in

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Hsearch_Consensus.out

			terminal)
2	Euryzygomatomys	2 -->	(012) (wi thi n terminal)
2	Xenodontomys sim	2 -->	(012) (wi thi n terminal)
2	Neophanomys bi pl	2 -->	(012) (wi thi n terminal)
2	Pi thanotomys col	2 -->	(012) (wi thi n terminal)
2	Prosti chomys bow	2 -->	(012) (wi thi n terminal)
2	Pampamys emmonsa	2 -->	(012) (wi thi n terminal)
2	Cavi ocricetus lu	2 -->	(012) (wi thi n terminal)
1	Pl esi acarechi mys	2 -->	(12) (wi thi n terminal)
1	Sal lamys pascual	2 -->	(12) (wi thi n terminal)
2	Mayomys confl uen	1 -->	(012) (wi thi n terminal)
2	Eosal lamys paul a	1 -->	(012) (wi thi n terminal)
2	Shapaj amys laboc	1 -->	(012) (wi thi n terminal)
2	Eobrani samys rom	1 -->	(012) (wi thi n terminal)
2	Eobrani samys jav	1 -->	(012) (wi thi n terminal)
2	Pozomys ucayal ie	1 -->	(012) (wi thi n terminal)
2	Tarapotomys mayo	1 -->	(012) (wi thi n terminal)
2	Tarapotomys suba	1 -->	(012) (wi thi n terminal)
2	Cachi yacuy kumme	1 -->	(012) (wi thi n terminal)
1	Thryonomys swi nd	2 -->	(12) (wi thi n terminal)
2	Acri tophi omys bo	2 -->	(012) (wi thi n terminal)
18 (Enamel of uppe) 0.286	1 Archetypomys erl	1 -->	(01) (wi thi n terminal)
	1 Tri bosphenomys m	1 -->	(01) (wi thi n terminal)
	1 Cocomys ligchaen	1 -->	(01) (wi thi n terminal)
	1 Rei throparamys d	1 -->	(01) (wi thi n terminal)
	1 Bir bal omys sonda	1 -->	(01) (wi thi n terminal)
	1 Tamquammys di spi	1 -->	(01) (wi thi n terminal)
	1 Chapatti mys wi ls	1 -->	(01) (wi thi n terminal)
	1 Ottomani a proavi	1 -->	(01) (wi thi n terminal)
	1 Bugti mys zafarul	1 -->	(01) (wi thi n terminal)
	1 Hodsahi bi a azrae	1 -->	(01) (wi thi n terminal)
	1 'Wasl amys' attia	1 -->	(01) (wi thi n terminal)
	1 Phi omys hammudai	1 -->	(01) (wi thi n terminal)
	1 Cachi yacuy conta	1 -->	(01) (wi thi n terminal)
	1 Eoespi na woodi -E	1 -->	(01) (wi thi n terminal)
	1 Canaani mys maqui	1 -->	(01) (wi thi n terminal)
	1 Protostei romys m	1 -->	(01) (wi thi n terminal)
	1 Eostei romys homo	1 -->	(01) (wi thi n terminal)
	1 Brani samyopsi s a	1 -->	(01) (wi thi n terminal)
	1 Neostei romys pat	1 -->	(01) (wi thi n terminal)
	1 Stei romys detent	1 -->	(01) (wi thi n terminal)
	1 Hypsostei romys a	1 -->	(01) (wi thi n terminal)
	1 Chaetomys subspi	1 -->	(01) (wi thi n terminal)
	1 Pal aeostei romys	1 -->	(01) (wi thi n terminal)
	1 Austral oprocta f	1 -->	(01) (wi thi n terminal)
	1 Luantus propheti	1 -->	(01) (wi thi n terminal)
	1 Asteromys punctu	1 -->	(01) (wi thi n terminal)
	1 node_131	1 ==>	0 Hydrochoerus hyd
	1 node_132	1 ==>	0 Cavia aperea
	1 Peri mys intermed	1 -->	(01) (wi thi n terminal)
	1 Neoreomys austra	1 -->	(01) (wi thi n terminal)

Hsearch_Consensus.out

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1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 node_148 1 --> 0 node_147
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 node_146 0 --> 1 Chi nchi lla lani g
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Aca remys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 node_183 1 ==> 0 Abrocoma bennett
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)

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Hsearch_Consensus.out

2 Birbalomys sonda 0 --> (012) (w i t h i n
termi nal)
2 Tamquammys di spi 0 --> (012) (w i t h i n
termi nal)
2 Chapattimys wi ls 0 --> (012) (w i t h i n
termi nal)
2 Ottomani a proavi 0 --> (012) (w i t h i n
termi nal)
2 Hodsahi bi a azrae 0 --> (012) (w i t h i n
termi nal)
2 Phi omys hammudai 0 --> (012) (w i t h i n
termi nal)
2 Cachi yacuy conta 0 --> (012) (w i t h i n
termi nal)
2 Canaani mys maqui 0 --> (012) (w i t h i n
termi nal)
2 Protostei romys m 0 --> (012) (w i t h i n
termi nal)
2 Erethi zon dorsat 0 --> (012) (w i t h i n
termi nal)
2 Coendou prehensi 0 --> (012) (w i t h i n
termi nal)
2 Hypsostei romys a 0 --> (012) (w i t h i n
termi nal)
2 Chaetomys subspi 0 --> (012) (w i t h i n
termi nal)
2 Pal aeostei romys 0 --> (012) (w i t h i n
termi nal)
2 Austral oprocta f 0 --> (012) (w i t h i n
termi nal)
1 node_137 0 --> 1 node_136
2 Luantus propheti 1 --> (012) (w i t h i n
termi nal)
2 Asteromys punctu 1 --> (012) (w i t h i n
termi nal)
1 node_131 1 ==> 2 Hydrochoerus hyd
1 node_132 1 ==> 0 Galea spi xi i
1 Perimys intermed 1 --> (12) (w i t h i n termi nal)
2 node_139 0 ==> 2 Cuniculus paca-t
2 Eoincamys pascua 0 --> (012) (w i t h i n
termi nal)
2 Microscleromys p 0 --> (012) (w i t h i n
termi nal)
2 Scleromys quadra 0 --> (012) (w i t h i n
termi nal)
1 node_149 0 --> 1 node_148
2 Drytomomys aequa 1 --> (012) (w i t h i n
termi nal)
2 Potamarchus muri 1 --> (012) (w i t h i n
termi nal)
2 Dinomys brani cki 1 --> (012) (w i t h i n
termi nal)
1 node_147 1 --> 0 Neoepebl ema ambr
2 Scleromys osborn 0 --> (012) (w i t h i n
termi nal)
2 Garri domys curnu 0 --> (012) (w i t h i n
termi nal)
2 Eoviscaccia fras 0 --> (012) (w i t h i n
termi nal)
2 Eoviscaccia aust 0 --> (012) (w i t h i n
termi nal)
2 Scleromys praecu 0 --> (012) (w i t h i n
termi nal)
2 Chambi ramys shi p 0 --> (012) (w i t h i n
termi nal)
2 Eoincamys parvus 0 --> (012) (w i t h i n
termi nal)
2 Chambi ramys syl v 0 --> (012) (w i t h i n
termi nal)

Hsearch_Consensus.out

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2 Eoincamys valver 0 --> terminal)
2 Eoincamys ameghi 0 --> (012) (with in
terminal)
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Platypittamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
1 node_168 0 ==> 1 Myocastor coypus
1 node_170 0 ==> 1 Maruchito trilof
1 node_173 0 ==> 1 node_172
2 Protadelphomys l 0 --> (012) (with in
terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
2 Pithanotomys col 0 --> (012) (with in
terminal)
2 Abrocoma bennett 0 --> (012) (with in
terminal)
1 node_185 0 ==> 1 node_184
2 Plesiacarechymys 0 --> (012) (with in
terminal)
2 Mayomys confluen 0 --> (012) (with in
terminal)
2 Eosallamys paula 0 --> (012) (with in
terminal)
2 Shapajamys laboc 0 --> (012) (with in
terminal)
2 Eobranisamys jav 0 --> (012) (with in
terminal)
2 Pozomys ucayalie 0 --> (012) (with in
terminal)
2 Tarapotomys mayo 0 --> (012) (with in
terminal)
2 Tarapotomys suba 0 --> (012) (with in
terminal)
2 Cachiycuy kumme 0 --> (012) (with in
terminal)
2 Metaphomys scha 0 --> (012) (with in
terminal)
2 Acritophomys bo 0 --> (012) (with in
terminal)
2 Baluchimys barry 0 --> (012) (with in
terminal)
20 (*Incisors proc) 0.125 2 Archetypomys erl 1 --> (012) (with in
terminal)
2 Tribosphenomys m 1 --> (012) (with in
terminal)
2 Cocomys ligchaen 1 --> (012) (with in
terminal)
2 Reithroparamys d 1 --> (012) (with in
terminal)
2 Birbalomys sonda 1 --> (012) (with in
terminal)
2 Tamquammys dispi 1 --> (012) (with in
terminal)
2 Chapattimys wils 1 --> (012) (with in
terminal)
2 Ottomaniaproavi 1 --> (012) (with in
terminal)
2 Bugtimys zafarul 1 --> (012) (with in
terminal)
2 Hodsahibia azrae 1 --> (012) (with in
terminal)
2 'Waslamys' attia 1 --> (012) (with in
terminal)

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Hsearch_Consensus.out

2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 node_124 1 --> 2 node_123
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
1 node_125 1 ==> 2 Erethi zon dorsat
1 node_130 1 --> 0 node_129
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_131 1 ==> 0 Hydrochoerus hyd
2 Galea spi xi i 1 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 1 --> (012) (wi thi n
termi nal)
1 node_139 1 ==> 0 Dasyprocta
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
2 Neoepi bl ema ambr 1 --> (012) (wi thi n
termi nal)
1 node_147 1 ==> 2 Lagostomus maxi m
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Eoincamys valver 1 --> terminal
2 Eoincamys ameghi 1 --> (012) (within
terminal)
1 node_195 1 --> 0 node_194
2 Draconomys verai 0 --> (012) (within
terminal)
2 Leucokephalos ze 0 --> (012) (within
terminal)
2 Deseadomys aramb 0 --> (012) (within
terminal)
2 Acaemys murinus 0 --> (012) (within
terminal)
2 Galileomys euryg 0 --> (012) (within
terminal)
1 node_187 0 --> 1 Prospaniomyss pri
2 node_169 0 --> 2 node_168
2 Spaniomyss ripari 2 --> (012) (within
terminal)
2 Maruchito trilof 0 --> (012) (within
terminal)
1 node_172 0 --> 1 Echiomys chrysuru
2 Euryzygomatomys 0 --> (012) (within
terminal)
1 node_175 0 --> 1 Mesocapromys/Mys
1 node_182 0 --> 1 node_181
2 Xenodontomys sim 1 --> (012) (within
terminal)
2 Neophanomys bipl 1 --> (012) (within
terminal)
2 Pi thanotomys col 1 --> (012) (within
terminal)
1 node_180 1 ==> 2 Spalacopus cyanu
2 Adelphomys candi 0 --> (012) (within
terminal)
2 Prosti chomys bow 0 --> (012) (within
terminal)
2 Stichomys regula 0 --> (012) (within
terminal)
2 Dudumus rui gomez 0 --> (012) (within
terminal)
2 Pampamys emmonsa 0 --> (012) (within
terminal)
2 Caviocricetus lu 0 --> (012) (within
terminal)
2 Plesi acarechimys 0 --> (012) (within
terminal)
2 Sal lamys pascual 0 --> (012) (within
terminal)
2 Mayomys confluen 1 --> (012) (within
terminal)
2 Eosal lamys paula 1 --> (012) (within
terminal)
2 Shapaj amys laboc 1 --> (012) (within
terminal)
2 Eobrani samys jav 1 --> (012) (within
terminal)
2 Pozomys ucayalie 1 --> (012) (within
terminal)
2 Tarapotomys mayo 1 --> (012) (within
terminal)
2 Tarapotomys suba 1 --> (012) (within
terminal)
2 Cachi yacuy kumme 1 --> (012) (within
terminal)
1 node_208 1 ==> 0 Paraphimys pi go
2 Metaphimys scha 1 --> (012) (within

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Hsearch_Consensus.out

21 (Third upper de) 0.333

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2 Acritophiomyx bo 1 --> terminal
(012) (within terminal)
2 Baluchimys barry 1 --> terminal
(012) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Eoespina woodi -E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteironomys m 0 --> (01) (within terminal)
1 node_127 0 --> 1 node_126
1 Eosteironomys homo 1 --> (01) (within terminal)
1 Braniamyopsis a 1 --> (01) (within terminal)
1 Neosteironomys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Hyposteironomys a 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 Palaeosteironomys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 node_140 0 --> 1 node_139
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branickei 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garriomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiromys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiromys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 node_193 0 --> 1 node_192
1 Platytypomys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sciameys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito triflo 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrysuru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)

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Hsearch_Consensus.out

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1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivi e 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosti chomys bow 1 --> (01) (with in terminal)
1 Sti chomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Cavi ocricetus lu 1 --> (01) (with in terminal)
1 Plesi acarechi mys 1 --> (01) (with in terminal)
1 Mayomys confl uen 0 --> (01) (with in terminal)
1 Eosall amys paula 0 --> (01) (with in terminal)
1 Shapaj amys laboc 0 --> (01) (with in terminal)
1 Eobrani samys rom 0 --> (01) (with in terminal)
1 Eobrani samys jav 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Tarapotomys mayo 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Cachi yacuy kumme 0 --> (01) (with in terminal)
1 Thryonomys swind 0 --> (01) (with in terminal)
1 Paraphi omys pi go 0 --> (01) (with in terminal)
1 Bal uchi mys barry 0 --> (01) (with in terminal)
2 Archetypomys erl 1 --> (012) (with in
terminal)
1 node_219 1 --> 2 Tri bosphenomys m
2 Cocomys ligchaen 1 --> (012) (with in
terminal)
2 Tamquammys di spi 1 --> (012) (with in
terminal)
2 Chapattimys wils 1 --> (012) (with in
terminal)
2 Ottomani a proavi 1 --> (012) (with in
terminal)
1 node_212 1 --> 2 node_120
2 Bugtimys zafarul 2 --> (012) (with in
terminal)
2 Hodsahibi a azrae 2 --> (012) (with in
terminal)
2 Phi omys hammudai 1 --> (012) (with in
terminal)
2 Cachi yacuy conta 1 --> (012) (with in
terminal)
2 Eoespi na woodi -E 1 --> (012) (with in
terminal)
2 Canaani mys maqui 1 --> (012) (with in
terminal)
2 Protostei romys m 1 --> (012) (with in
terminal)
1 node_127 1 --> 0 node_126
1 node_124 0 --> 1 node_123
2 Brani samyopsi s a 1 --> (012) (with in
terminal)
1 node_129 1 ==> 0 Hypsostei romys a
1 node_129 1 ==> 2 Chaetomys subspi
2 Pal aeostei romys 1 --> (012) (with in
terminal)
2 Austral oprocta f 1 --> (012) (with in
terminal)
2 Asteromys punctu 1 --> (012) (with in
terminal)
1 node_134 1 ==> 0 Perimys intermed
1 node_138 1 ==> 2 Brani samys luri b

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22 (*Size of P4 (a) 0.154

Hsearch_Consensus.out

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1          node_139 1 ==> 0 Dasypsecta
2 Eoi ncamys pascua 1 --> (012) (wi thi n
    termi nal )
2 Mi croscl eromys p 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys quadra 1 --> (012) (wi thi n
    termi nal )
1          node_144 1 ==> 0 Potamarchus muri
1          node_147 1 ==> 0 node_146
2 Eovi scaccia fras 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys praecu 1 --> (012) (wi thi n
    termi nal )
2 Chambi ramys shi p 1 --> (012) (wi thi n
    termi nal )
2 Eoi ncamys parvus 1 --> (012) (wi thi n
    termi nal )
2 Chambi ramys syl v 1 --> (012) (wi thi n
    termi nal )
2 Eoi ncamys val ver 1 --> (012) (wi thi n
    termi nal )
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
    termi nal )
1          node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (wi thi n
    termi nal )
2 Leucokephal os ze 2 --> (012) (wi thi n
    termi nal )
1          node_166 2 ==> 1 node_163
2 Prospani omys pri 2 --> (012) (wi thi n
    termi nal )
2 Spani omys ri pari 2 --> (012) (wi thi n
    termi nal )
2 Myocastor coypus 2 --> (012) (wi thi n
    termi nal )
2 Proechi mys cuvi e 2 --> (012) (wi thi n
    termi nal )
2 Maruchi to tri l of 2 --> (012) (wi thi n
    termi nal )
2 Thri chomys apere 2 --> (012) (wi thi n
    termi nal )
2 Echi mys chrysuru 2 --> (012) (wi thi n
    termi nal )
2 Makal ata di del ph 2 --> (012) (wi thi n
    termi nal )
2 Euryzygomatomys 2 --> (012) (wi thi n
    termi nal )
2 Mesocapromys/Mys 2 --> (012) (wi thi n
    termi nal )
2 Xenodontomys si m 2 --> (012) (wi thi n
    termi nal )
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
    termi nal )
2 Neophanomys bi pl 2 --> (012) (wi thi n
    termi nal )
2 Pi thanotomys col 2 --> (012) (wi thi n
    termi nal )
2 Octodon degus 2 --> (012) (wi thi n
    termi nal )
2 Spal acopus cyanu 2 --> (012) (wi thi n
    termi nal )
2 Abrocoma bennett 2 --> (012) (wi thi n
    termi nal )
2 Adel phomys candi 2 --> (012) (wi thi n
    termi nal )
2 Prosti chomys bow 2 --> (012) (wi thi n
    termi nal )
2 Sti chomys regul a 2 --> (012) (wi thi n

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Hsearch_Consensus.out

			terminal)
2	Dudumus rui gomez	2 -->	(012) (wi thi n terminal)
2	Pampamys emmonsa	2 -->	(012) (wi thi n terminal)
2	Cavi ocricetus lu	2 -->	(012) (wi thi n terminal)
2	Plesi acarechi mys	2 -->	(012) (wi thi n terminal)
2	Mayomys confl uen	1 -->	(012) (wi thi n terminal)
2	Shapaj amys laboc	1 -->	(012) (wi thi n terminal)
2	Eobrani samys rom	1 -->	(012) (wi thi n terminal)
2	Eobrani samys jav	1 -->	(012) (wi thi n terminal)
2	Pozomys ucayal ie	1 -->	(012) (wi thi n terminal)
2	Tarapotomys mayo	1 -->	(012) (wi thi n terminal)
2	Tarapotomys suba	1 -->	(012) (wi thi n terminal)
2	Cachi yacuy kumme	1 -->	(012) (wi thi n terminal)
2	Thryonomys swi nd	1 -->	(012) (wi thi n terminal)
2	Paraphi omys pi go	1 -->	(012) (wi thi n terminal)
2	Metaphi omys scha	1 -->	(012) (wi thi n terminal)
2	Acri tophi omys bo	1 -->	(012) (wi thi n terminal)
2	Bal uchi mys barry	1 -->	(012) (wi thi n terminal)
23 (Anteroci ngul um) 1.000	node_213	1 ==>	0 Ottomani a proavi
1	Hodsahi bi a azrae	1 -->	(01) (wi thi n terminal)
1	Canaani mys maqui	1 -->	(01) (wi thi n terminal)
1	Protostei romys m	1 -->	(01) (wi thi n terminal)
1	Pal aeostei romys	1 -->	(01) (wi thi n terminal)
1	Asteromys punctu	1 -->	(01) (wi thi n terminal)
1	Dol ichoti s patag	1 -->	(01) (wi thi n terminal)
1	Hydrochoerus hyd	1 -->	(01) (wi thi n terminal)
1	Cavi a aperea	1 -->	(01) (wi thi n terminal)
1	Galea spi xi i	1 -->	(01) (wi thi n terminal)
1	Lagostomus maxi m	1 -->	(01) (wi thi n terminal)
1	Eovi scacci a fras	1 -->	(01) (wi thi n terminal)
1	Scleromys praecu	1 -->	(01) (wi thi n terminal)
1	Chambi ramys shi p	1 -->	(01) (wi thi n terminal)
1	Chambi ramys sylv	1 -->	(01) (wi thi n terminal)
1	Draconomys verai	1 -->	(01) (wi thi n terminal)
1	Leucokephal os ze	1 -->	(01) (wi thi n terminal)
1	Prospani omys pri	1 -->	(01) (wi thi n terminal)
1	Spani omys ri pari	1 -->	(01) (wi thi n terminal)
1	Myocastor coypus	1 -->	(01) (wi thi n terminal)
1	Proechi mys cuvie	1 -->	(01) (wi thi n terminal)
1	Maruchi to tri lof	1 -->	(01) (wi thi n terminal)
1	Thri chomys apere	1 -->	(01) (wi thi n terminal)
1	Echi mys chrysuru	1 -->	(01) (wi thi n terminal)
1	Makal ata di del ph	1 -->	(01) (wi thi n terminal)
1	Euryzygomatomys	1 -->	(01) (wi thi n terminal)
1	Mesocapromys/Mys	1 -->	(01) (wi thi n terminal)
1	Xenodontomys si m	1 -->	(01) (wi thi n terminal)
1	Ctenomys bol i vi e	1 -->	(01) (wi thi n terminal)
1	Neophanomys bi pl	1 -->	(01) (wi thi n terminal)
1	Pi thanotomys col	1 -->	(01) (wi thi n terminal)
1	Octodon degus	1 -->	(01) (wi thi n terminal)
1	Spal acopus cyanu	1 -->	(01) (wi thi n terminal)

Hsearch_Consensus.out

1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys conflu en 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 24 (Length of the) 0.500
 1 node_219 1 ==> 0 Archetypomys erl
 1 node_217 1 ==> 0 node_216
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bia azrae 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys conflu en 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 25 (Height of the) 1.000
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bia azrae 0 --> (01) (wi thi n termi nal)
 1 node_207 0 ==> 1 node_206

Hsearch_Consensus.out

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1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protoste i romys m 1 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 node_219 0 ==> 1 Tri bosphenomys m
1 node_216 0 ==> 1 node_215
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protoste i romys m 1 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilofo 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelphi 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 node_218 0 --> 1 node_219
1 node_219 1 --> 0 Archetypomys erl
1 node_218 0 --> 1 Cocomys ligchaen
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 node_120 0 --> 1 node_119
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 node_123 0 ==> 1 Neostei romys pat
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_195 0 ==> 1 node_161
1 node_156 1 --> 0 node_155
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)

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27 (Anteroci ngul um) 0. 444

Hsearch_Consensus.out

1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesiacarechimy s 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphomys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 node_219 1 ==> 0 Archetypomys erl
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 Hodsahibia azrae 1 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Hyposteioromys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 node_140 1 --> 0 node_139
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)

28 (Posterior arm) 0.500

Hsearch_Consensus.out

```

1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1      node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal l amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1      node_200 1 ==> 0 Shapaj amys laboc
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1      node_219 0 ==> 1 Tri bosphenomys m
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1      node_217 0 ==> 1 node_216
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1      Cavi a aperea 1 --> (01) (wi thi n termi nal)
1      Gale a spi xi i 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilofo 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimys chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelphi 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pithanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosthichomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)
 1 Dudumus rui gomez 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Caviocricetus lu 1 --> (01) (with in terminal)
 1 Plesiacarechymys 1 --> (01) (with in terminal)
 1 Mayomys confluen 1 --> (01) (with in terminal)
 1 Eobranisamys rom 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Thryonomys swind 1 --> (01) (with in terminal)
 1 Paraphimys pi go 1 --> (01) (with in terminal)
 1 Metaphimys scha 1 --> (01) (with in terminal)
 1 Baluchimys barry 1 --> (01) (with in terminal)
 1 node_218 0 --> 1 node_217
 1 node_216 1 --> 0 Tamquammys di spi
 1 node_213 1 --> 0 Ottomani a proavi
 1 Hodsahibia azrae 1 --> (01) (with in terminal)
 1 Canaanimys maqui 1 --> (01) (with in terminal)
 1 Protosteioromys m 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Palaeosteioromys 1 --> (01) (with in terminal)
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Chambi ramys ship 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucocephalos ze 1 --> (01) (with in terminal)
 1 Prospaniomys pri 1 --> (01) (with in terminal)
 1 Spaniomys ripari 1 --> (01) (with in terminal)
 1 Myocastor coypus 1 --> (01) (with in terminal)
 1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilofo 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimys chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelphi 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pithanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosthichomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)

30 (Outgrowth of t) 0.333

Hsearch_Consensus.out

31 (Length of the) 0.333

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1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 node_118 0 ==> 1 Bi rbal omys sonda
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 ==> 1 node_141
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_123 1 ==> 0 Neostei romys pat
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 node_138 1 ==> 0 node_137
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_158 0 --> 1 node_157
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_166 0 ==> 1 node_165
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

32 (Height of the) 1.000

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1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1     node_200 0 ==> 1 Shapaj amys laboc
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1     node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protoste i romys m 1 --> (01) (wi thi n termi nal)
1 Eoste i romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neoste i romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsoste i romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1     Cavi a aperea 1 --> (01) (wi thi n termi nal)
1     Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1     Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 --> 0 Tri bosphenomys m
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 node_136 1 --> 0 node_135
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri l of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)

33 (Labi al protol o) 0.333

Hsearch_Consensus.out

34 (Length of the) 1.000

1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 node_193 0 ==> 1 Sal lamys pascual
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 node_204 0 --> 1 node_201
 1 node_124 1 ==> 2 Eostei romys homo
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 node_137 1 --> 0 node_136
 1 node_139 1 ==> 0 Dasyprocta
 1 Eoi ncamys pascua 1 --> (12) (wi thi n termi nal)
 1 node_154 1 --> 0 node_142

35 (Orientation of) 0.450

Hsearch_Consensus.out

1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 node_147 1 ==> 2 Neoepi blema ambr
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 node_152 1 --> 2 node_151
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 node_163 1 ==> 0 Pl atypi ttamys br
 1 node_164 1 ==> 0 Acaremys muri nus
 1 node_193 1 ==> 0 Sal lamys pascual
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 node_200 1 --> 0 node_199
 1 node_206 0 ==> 1 Cachi yacuy kumme
 1 node_219 0 ==> 1 Tri bosphenomys m
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
 1 node_124 0 ==> 1 node_123
 1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
 1 node_141 0 --> 1 node_140
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Gale a spi xi i 1 --> (01) (wi thi n termi nal)
 1 node_139 1 --> 0 Dasyprocta
 1 node_161 0 ==> 1 node_160
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 node_193 0 --> 1 node_192
 1 node_167 1 --> 0 node_166
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 node_200 0 --> 1 node_199
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)

37 (Height of the) 1.000

Hsearch_Consensus.out

1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_215 0 --> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
1 node_218 0 --> 1 node_217
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
1 node_215 1 --> 0 Chapatti mys wil s
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
1 node_206 1 ==> 2 node_205
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
2 Protostei romys m 2 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys pascua 2 --> (012) (wi thi n
termi nal)
2 Incamys bol i vi an 2 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 2 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 2 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 2 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 2 --> (012) (wi thi n

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38 (*Orientation o) 0.600

Hsearch_Consensus.out

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2 Potamarchus muri 2 --> terminal
2 Di nomys brani cki 2 --> (012) (wi thi n
terminal)
2 Neoepi blema ambr 2 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 2 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 2 --> (012) (wi thi n
terminal)
2 Garri domys curnu 2 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 2 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 2 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 2 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 2 --> (012) (wi thi n
terminal)
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
1 node_166 2 ==> 1 node_163
2 Wi l l i dewu este pa 2 --> (012) (wi thi n
terminal)
2 Prospani omys pri 2 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 2 --> (012) (wi thi n
terminal)
2 Myocastor coypus 2 --> (012) (wi thi n
terminal)
2 Proechi mys cuvi e 2 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
terminal)
2 Thri chomys apere 2 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 2 --> (012) (wi thi n
terminal)
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out
 2 Pi thanotomys col 2 --> (012) (wi thi n
    terminal)
 2 Octodon degus 2 --> (012) (wi thi n
    terminal)
 2 Spalacopus cyanu 2 --> (012) (wi thi n
    terminal)
 2 Abrocoma bennett 2 --> (012) (wi thi n
    terminal)
 2 Adelphomys candi 2 --> (012) (wi thi n
    terminal)
 2 Prosti chomys bow 2 --> (012) (wi thi n
    terminal)
 2 Sti chomys regul a 2 --> (012) (wi thi n
    terminal)
 2 Dudumus rui gomez 2 --> (012) (wi thi n
    terminal)
 2 Pampamys emmonsa 2 --> (012) (wi thi n
    terminal)
 2 Cavi ocricetus lu 2 --> (012) (wi thi n
    terminal)
 2 Pl esi acarechi mys 2 --> (012) (wi thi n
    terminal)
 2 Mayomys confl uen 2 --> (012) (wi thi n
    terminal)
 1 Eosal lamys paul a 2 --> (12) (wi thi n terminal)
 2 Eobrani samys rom 2 --> (012) (wi thi n
    terminal)
 2 Eobrani samys jav 2 --> (012) (wi thi n
    terminal)
 2 Pozomys ucayal ie 2 --> (012) (wi thi n
    terminal)
 2 Tarapotomys mayo 2 --> (012) (wi thi n
    terminal)
 2 Tarapotomys suba 2 --> (012) (wi thi n
    terminal)
 2 Thryonomys swi nd 1 --> (012) (wi thi n
    terminal)
 2 Paraphi omys pi go 1 --> (012) (wi thi n
    terminal)
 2 Metaphi omys scha 1 --> (012) (wi thi n
    terminal)
 2 Bal uchi mys barry 1 --> (012) (wi thi n
    terminal)
39 (Mure on P4) 0.500 1 Bugti mys zafarul 0 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n terminal)
1 node_207 0 ==> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 Canaani mys maqui 1 --> (01) (wi thi n terminal)
1 Protostei romys m 1 --> (01) (wi thi n terminal)
1 Coendou prehensi 1 --> (01) (wi thi n terminal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Pal aeostei romys 1 --> (01) (wi thi n terminal)
1 node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dol ichoti s patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavi a aperea 0 --> (01) (wi thi n terminal)
1 Galea spi xi i 0 --> (01) (wi thi n terminal)
1 node_139 1 ==> 0 Cuni culus paca-t
1 Incamys bol i vi an 1 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 1 --> (01) (wi thi n terminal)
1 Eovi scacci a fras 1 --> (01) (wi thi n terminal)
1 Scl eromys praecu 1 --> (01) (wi thi n terminal)
1 Chambi ramys shi p 1 --> (01) (wi thi n terminal)
1 Chambi ramys syl v 1 --> (01) (wi thi n terminal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n terminal)
1 Draconomys verai 1 --> (01) (wi thi n terminal)
1 Leucokephal os ze 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

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1      node_166 1 ==> 0 node_163
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1      node_193 1 ==> 0 Sal lamys pascual
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1      node_200 1 --> 0 node_199
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1      node_211 0 --> 1 node_210
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Pl atypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)

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40 (Height of the) 1.000

Hsearch_Consensus.out

1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechiomyx cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echiomyx chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphiomyx pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphiomyx scha 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 41 (Metaconule on) 0.500
 1 node_219 0 ==> 1 Tri bosphenomys m
 1 node_216 0 ==> 1 Tamquammys di spi
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_212 0 ==> 1 node_211
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechiomyx cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echiomyx chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesiacaraechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Paraphomys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphomys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 2 Tribosphenomys m 1 --> (012) (wi thi n
 termi nal)
 1 node_218 1 ==> 0 Cocomys ligchaen
 1 node_217 1 ==> 2 node_118
 2 Tamquammys dispi 1 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n
 termi nal)
 2 Hodsahibi a azrae 1 --> (012) (wi thi n
 termi nal)
 1 node_120 1 ==> 0 'Waslamys' attia
 2 Phi omys hammudai 1 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
 termi nal)
 2 Canaanimys maqui 1 --> (012) (wi thi n
 termi nal)
 2 Protosteioromys m 1 --> (012) (wi thi n
 termi nal)
 2 Eosteioromys homo 1 --> (012) (wi thi n
 termi nal)
 2 Brani samyopsi s a 1 --> (012) (wi thi n
 termi nal)
 2 Neosteioromys pat 1 --> (012) (wi thi n
 termi nal)
 2 Erethizon dorsat 1 --> (012) (wi thi n
 termi nal)
 2 Coendou prehensi 1 --> (012) (wi thi n
 termi nal)
 2 Steioromys detent 1 --> (012) (wi thi n
 termi nal)
 2 Hyposteioromys a 1 --> (012) (wi thi n
 termi nal)
 2 Chaetomys subspi 1 --> (012) (wi thi n
 termi nal)
 2 Palaeosteioromys 1 --> (012) (wi thi n
 termi nal)
 2 Australoprocta f 1 --> (012) (wi thi n
 termi nal)
 2 Luantus propheti 1 --> (012) (wi thi n
 termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n
 termi nal)
 2 Dolichotis patag 1 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n
 termi nal)
 2 Cavia aperea 1 --> (012) (wi thi n
 termi nal)

42 (*Development o) 0.667

Hsearch_Consensus.out

2 Galea spixii 1 --> (012) (with terminal)
2 Perimys intermed 1 --> (012) (with terminal)
2 Neoreomys australis 1 --> (012) (with terminal)
2 Braniamsy luri 1 --> (012) (with terminal)
2 Dasypsecta 1 --> (012) (with terminal)
2 Cuniculus paca-t 1 --> (012) (with terminal)
2 Eoincamys pasqua 1 --> (012) (with terminal)
2 Incamys bolivi 1 --> (012) (with terminal)
2 Microscleromys p 1 --> (012) (with terminal)
2 Scleromys quadra 1 --> (012) (with terminal)
2 Scleromys angust 1 --> (012) (with terminal)
2 Drytomomys aequa 1 --> (012) (with terminal)
2 Potamarchus muri 1 --> (012) (with terminal)
2 Dinomys branic 1 --> (012) (with terminal)
2 Neopibema ambr 1 --> (012) (with terminal)
2 Chinchilla lani 1 --> (012) (with terminal)
2 Lagidium visca 1 --> (012) (with terminal)
2 Lagostomus maxi 1 --> (012) (with terminal)
2 Scleromys osborn 1 --> (012) (with terminal)
2 Garri domys curru 1 --> (012) (with terminal)
2 Eoviscaccia fras 1 --> (012) (with terminal)
2 Eoviscaccia aust 1 --> (012) (with terminal)
2 Scleromys praecu 1 --> (012) (with terminal)
2 Chambi ramys shi 1 --> (012) (with terminal)
2 Eoincamys parvus 1 --> (012) (with terminal)
2 Chambi ramys syl 1 --> (012) (with terminal)
2 Eoincamys val ver 1 --> (012) (with terminal)
2 Eoincamys ameghi 1 --> (012) (with terminal)
2 Draconomys verai 1 --> (012) (with terminal)
2 Leucocephalos ze 1 --> (012) (with terminal)
2 Platypittamys br 1 --> (012) (with terminal)
2 Deseadomys aramb 1 --> (012) (with terminal)
2 Acaemys murinus 1 --> (012) (with terminal)
2 Sci amys pri nci pa 1 --> (012) (with terminal)

Hsearch_Consensus.out

2 Galileomys euryg 1 --> (012) (w i t h i n
t e r m i n a l)
2 Willidewu estepa 1 --> (012) (w i t h i n
t e r m i n a l)
2 Prospani omys pri 1 --> (012) (w i t h i n
t e r m i n a l)
2 Spani omys ri pari 1 --> (012) (w i t h i n
t e r m i n a l)
2 Myocastor coypus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Proechi mys cuvie 1 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchi to tri lof 1 --> (012) (w i t h i n
t e r m i n a l)
2 Thri chomys apere 1 --> (012) (w i t h i n
t e r m i n a l)
2 Echi mys chrysuru 1 --> (012) (w i t h i n
t e r m i n a l)
2 Makal ata di del ph 1 --> (012) (w i t h i n
t e r m i n a l)
2 Protadel phomys l 1 --> (012) (w i t h i n
t e r m i n a l)
2 Euryzygomatomys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Mesocapromys/Mys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Xenodontomys si m 1 ---> (012) (w i t h i n
t e r m i n a l)
2 Ctenomys bol i vi e 1 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 1 --> (012) (w i t h i n
t e r m i n a l)
2 Octodon degus 1 --> (012) (w i t h i n
t e r m i n a l)
2 Spal acopus cyanu 1 --> (012) (w i t h i n
t e r m i n a l)
2 Abrocoma bennett 1 --> (012) (w i t h i n
t e r m i n a l)
2 Adel phomys candi 1 --> (012) (w i t h i n
t e r m i n a l)
2 Prosti chomys bow 1 --> (012) (w i t h i n
t e r m i n a l)
2 Sti chomys regul a 1 --> (012) (w i t h i n
t e r m i n a l)
2 Dudumus rui gomez 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pampamys emmonsa 1 --> (012) (w i t h i n
t e r m i n a l)
2 Cavi ocricetus l u 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pl esi acarechi mys 1 --> (012) (w i t h i n
t e r m i n a l)
2 Sal l amys pascual 1 --> (012) (w i t h i n
t e r m i n a l)
2 Mayomys confl uen 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eosal l amys paul a 1 --> (012) (w i t h i n
t e r m i n a l)
2 Shapaj amys l aboc 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys rom 1 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys j av 1 --> (012) (w i t h i n
t e r m i n a l)
2 Pozomys ucayal i e 1 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

2 Tarapotomys mayo 1 --> (012) (wi thi n
 termi nal)
 2 Tarapotomys suba 1 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy kumme 1 --> (012) (wi thi n
 termi nal)
 2 Thryonomys swi nd 1 --> (012) (wi thi n
 termi nal)
 2 Paraphi omys pi go 1 --> (012) (wi thi n
 termi nal)
 2 Metaphi omys scha 1 --> (012) (wi thi n
 termi nal)
 2 Acri tophi omys bo 1 --> (012) (wi thi n
 termi nal)
 2 Bal uchi mys barry 1 --> (012) (wi thi n
 termi nal)
 43 (Mesostyle on P) 0.500
 1 node_217 0 ==> 1 node_118
 1 node_212 0 --> 1 node_120
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 node_207 0 --> 1 node_206
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 1 --> (01) (wi thi n termi nal)
 1 Pal aeosteir omys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_194
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 node_166 0 ==> 1 node_165
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n
 termi nal)
 1 node_212 1 --> 0 node_120
 2 Bugtimys zafarul 0 --> (012) (wi thi n
 termi nal)
 2 Hodsahibi a azrae 0 --> (012) (wi thi n
 termi nal)
 2 Phi omys hammudai 1 --> (012) (wi thi n
 termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
 termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n
 termi nal)
 2 Eostei romys homo 1 --> (012) (wi thi n
 termi nal)
 1 node_123 1 ==> 2 Neostei romys pat
 1 node_130 1 --> 2 node_129
 2 Hypsostei romys a 2 --> (012) (wi thi n
 termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n
 termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 2 Luantus propheti 1 --> (012) (wi thi n
 termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n
 termi nal)
 2 Dol ichotis patag 1 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n
 termi nal)
 2 Cavi a aperea 1 --> (012) (wi thi n
 termi nal)
 2 Galea spi xi i 1 --> (012) (wi thi n
 termi nal)
 2 Perimys intermed 1 --> (012) (wi thi n
 termi nal)
 2 Neoreomys austra 1 --> (012) (wi thi n
 termi nal)
 1 node_140 1 --> 2 node_139
 2 Dasyprocta 2 --> (012) (wi thi n
 termi nal)
 2 Mi croscl eromys p 1 --> (012) (wi thi n
 termi nal)
 2 Scl eromys angust 1 --> (012) (wi thi n
 termi nal)

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Hsearch_Consensus.out

2 Drytomomys aequa 1 --> (012) (w i t h i n
termi nal)
2 Potamarchus muri 1 --> (012) (w i t h i n
termi nal)
2 Di nomys brani cki 1 --> (012) (w i t h i n
termi nal)
2 Neopebl ema ambr 1 --> (012) (w i t h i n
termi nal)
2 Chi nchi l l a l ani g 1 --> (012) (w i t h i n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (w i t h i n
termi nal)
2 Lagostomus maxi m 1 --> (012) (w i t h i n
termi nal)
2 Garri domys curnu 1 --> (012) (w i t h i n
termi nal)
2 Eovi scacci a fras 1 --> (012) (w i t h i n
termi nal)
2 Scl eromys praecu 1 --> (012) (w i t h i n
termi nal)
2 Chambi ramys shi p 1 --> (012) (w i t h i n
termi nal)
2 Chambi ramys syl v 1 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (w i t h i n
termi nal)
1 node_161 1 ==> 2 Eoi ncamys ameghi
2 Draconomys verai 1 --> (012) (w i t h i n
termi nal)
2 Leucokephal os ze 1 --> (012) (w i t h i n
termi nal)
2 Pl atypi ttamys br 1 --> (012) (w i t h i n
termi nal)
2 Deseadomys aramb 1 --> (012) (w i t h i n
termi nal)
2 Wi l l i dewu estepa 1 --> (012) (w i t h i n
termi nal)
2 Prospani omys pri 1 --> (012) (w i t h i n
termi nal)
2 Spani omys ri pari 1 --> (012) (w i t h i n
termi nal)
2 Myocastor coypus 1 --> (012) (w i t h i n
termi nal)
2 Proechi mys cuvi e 1 --> (012) (w i t h i n
termi nal)
2 Maruchi to tri l of 1 --> (012) (w i t h i n
termi nal)
2 Thri chomys apere 1 --> (012) (w i t h i n
termi nal)
2 Echi mys chrysuru 1 --> (012) (w i t h i n
termi nal)
2 Makal ata di del ph 1 --> (012) (w i t h i n
termi nal)
2 Protadel phomys l 1 --> (012) (w i t h i n
termi nal)
2 Euryzygomatomys 1 --> (012) (w i t h i n
termi nal)
2 Mesocapromys/Mys 1 --> (012) (w i t h i n
termi nal)
2 Xenodontomys si m 1 --> (012) (w i t h i n
termi nal)
2 Ctenomys bol i vi e 1 --> (012) (w i t h i n
termi nal)
2 Neophanomys bi pl 1 --> (012) (w i t h i n
termi nal)
2 Pi thanotomys col 1 --> (012) (w i t h i n
termi nal)
2 Octodon degus 1 --> (012) (w i t h i n

Hsearch_Consensus.out

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2 Spalacopus cyanu 1 --> terminal
2 Spalacopus cyanu 1 --> (012) (width terminal)
2 Abrocoma bennett 1 --> terminal
2 Abrocoma bennett 1 --> (012) (width terminal)
2 Adelphomys candi 1 --> terminal
2 Adelphomys candi 1 --> (012) (width terminal)
2 Prostichomys bow 1 --> terminal
2 Prostichomys bow 1 --> (012) (width terminal)
2 Stichomys regula 1 --> terminal
2 Stichomys regula 1 --> (012) (width terminal)
2 Dudumus rui gomez 1 --> terminal
2 Dudumus rui gomez 1 --> (012) (width terminal)
2 Pampamys emmonsa 1 --> terminal
2 Pampamys emmonsa 1 --> (012) (width terminal)
2 Caviocricetus lu 1 --> terminal
2 Caviocricetus lu 1 --> (012) (width terminal)
2 Plesiacarechymys 1 --> terminal
2 Plesiacarechymys 1 --> (012) (width terminal)
2 Sallamys pascual 1 --> terminal
2 Sallamys pascual 1 --> (012) (width terminal)
2 Mayomys confluen 1 --> terminal
2 Mayomys confluen 1 --> (012) (width terminal)
2 Eobranisamys rom 1 --> terminal
2 Eobranisamys rom 1 --> (012) (width terminal)
1 Eobranisamys jav 1 --> (12) (width terminal)
2 Pozomys ucayalieu 1 --> terminal
2 Pozomys ucayalieu 1 --> (012) (width terminal)
1 node_202 1 ==> 0 Tarapotomys mayo
2 Cachi yacuy kumme 1 --> terminal
2 Cachi yacuy kumme 1 --> (012) (width terminal)
2 Thryonomys swind 1 --> terminal
2 Thryonomys swind 1 --> (012) (width terminal)
2 Paraphomys pi go 1 --> terminal
2 Paraphomys pi go 1 --> (012) (width terminal)
2 Metaphomys scha 1 --> terminal
2 Metaphomys scha 1 --> (012) (width terminal)
2 Acritophomys bo 1 --> terminal
2 Acritophomys bo 1 --> (012) (width terminal)
2 Baluchimys barry 1 --> terminal
2 Baluchimys barry 1 --> (012) (width terminal)
45 (Height of the ) 1.000
1 Archetypomys erl 0 --> (01) (width terminal)
1 Archetypomys erl 0 --> terminal
1 Tribosphenomys m 0 --> (01) (width terminal)
1 Tribosphenomys m 0 --> terminal
1 Cocomys ligchaen 0 --> (01) (width terminal)
1 Cocomys ligchaen 0 --> terminal
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (width terminal)
1 Tamquammys dispi 1 --> terminal
1 Chapattimys wils 1 --> (01) (width terminal)
1 Chapattimys wils 1 --> terminal
1 Ottomaniaproavi 1 --> (01) (width terminal)
1 Ottomaniaproavi 1 --> terminal
1 Hodsahibia azrae 1 --> (01) (width terminal)
1 Hodsahibia azrae 1 --> terminal
1 Phiomys hammudai 1 --> (01) (width terminal)
1 Phiomys hammudai 1 --> terminal
1 Canaanimys maqui 1 --> (01) (width terminal)
1 Canaanimys maqui 1 --> terminal
1 Protosteioromys m 1 --> (01) (width terminal)
1 Protosteioromys m 1 --> terminal
1 Palaeosteioromys 1 --> (01) (width terminal)
1 Palaeosteioromys 1 --> terminal
1 Luantus propheti 1 --> (01) (width terminal)
1 Luantus propheti 1 --> terminal
1 Asteromys punctu 1 --> (01) (width terminal)
1 Asteromys punctu 1 --> terminal
1 Dolichotis patag 1 --> (01) (width terminal)
1 Dolichotis patag 1 --> terminal
1 Hydrochoerus hyd 1 --> (01) (width terminal)
1 Hydrochoerus hyd 1 --> terminal
1 Cavia aperrea 1 --> (01) (width terminal)
1 Cavia aperrea 1 --> terminal
1 Galeaspixii 1 --> (01) (width terminal)
1 Galeaspixii 1 --> terminal
1 Perimys intermed 1 --> (01) (width terminal)
1 Perimys intermed 1 --> terminal
1 Neoeplema ambr 1 --> (01) (width terminal)
1 Neoeplema ambr 1 --> terminal
1 Chinchilla lanig 1 --> (01) (width terminal)
1 Chinchilla lanig 1 --> terminal
1 Lagidium viscaci 1 --> (01) (width terminal)
1 Lagidium viscaci 1 --> terminal
1 Lagostomus maxi m 1 --> (01) (width terminal)
1 Lagostomus maxi m 1 --> terminal
1 Eoviscaccia fras 1 --> (01) (width terminal)
1 Eoviscaccia fras 1 --> terminal
1 Scleromys praecu 1 --> (01) (width terminal)
1 Scleromys praecu 1 --> terminal
1 Chambi ramys shi p 1 --> (01) (width terminal)
1 Chambi ramys shi p 1 --> terminal
1 Chambi ramys syl v 1 --> (01) (width terminal)
1 Chambi ramys syl v 1 --> terminal

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Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (wi thin terminal)
 1 Eoincamys ameghi 1 --> (01) (wi thin terminal)
 1 Draconomys verai 1 --> (01) (wi thin terminal)
 1 Leucokephalos ze 1 --> (01) (wi thin terminal)
 1 Platypittamys br 1 --> (01) (wi thin terminal)
 1 Deseadomys aramb 1 --> (01) (wi thin terminal)
 1 Willidewu estepa 1 --> (01) (wi thin terminal)
 1 Prospaniomyss pri 1 --> (01) (wi thin terminal)
 1 Spaniomyss ripari 1 --> (01) (wi thin terminal)
 1 Myocastor coypus 1 --> (01) (wi thin terminal)
 1 Proechiomyss cuvie 1 --> (01) (wi thin terminal)
 1 Maruchito trillof 1 --> (01) (wi thin terminal)
 1 Thrichomys apere 1 --> (01) (wi thin terminal)
 1 Echiomyss chrysuru 1 --> (01) (wi thin terminal)
 1 Makalata didelph 1 --> (01) (wi thin terminal)
 1 Protadelphomys l 1 --> (01) (wi thin terminal)
 1 Euryzygomatomys 1 --> (01) (wi thin terminal)
 1 Mesocapromys/Mys 1 --> (01) (wi thin terminal)
 1 Xenodontomys sim 1 --> (01) (wi thin terminal)
 1 Ctenomys bolivi 1 --> (01) (wi thin terminal)
 1 Neophanomys bipl 1 --> (01) (wi thin terminal)
 1 Pi thanotomys col 1 --> (01) (wi thin terminal)
 1 Octodon degus 1 --> (01) (wi thin terminal)
 1 Spalacopus cyanu 1 --> (01) (wi thin terminal)
 1 Abrocoma bennett 1 --> (01) (wi thin terminal)
 1 Adelphomys candi 1 --> (01) (wi thin terminal)
 1 Prosti chomys bow 1 --> (01) (wi thin terminal)
 1 Stichomys regula 1 --> (01) (wi thin terminal)
 1 Dudumus rui gomez 1 --> (01) (wi thin terminal)
 1 Pampamys emmonsa 1 --> (01) (wi thin terminal)
 1 Caviocri cetus lu 1 --> (01) (wi thin terminal)
 1 Plesi acarechi mys 1 --> (01) (wi thin terminal)
 1 Sallamys pascual 1 --> (01) (wi thin terminal)
 1 Mayomys confluen 1 --> (01) (wi thin terminal)
 1 Eobranisamys rom 1 --> (01) (wi thin terminal)
 1 Pozomys ucayalie 1 --> (01) (wi thin terminal)
 1 Cachi yacuy kumme 1 --> (01) (wi thin terminal)
 1 Thryonomys swind 1 --> (01) (wi thin terminal)
 1 Paraphiomyss pi go 1 --> (01) (wi thin terminal)
 1 Metaphiomyss scha 1 --> (01) (wi thin terminal)
 1 Acritophiomyss bo 1 --> (01) (wi thin terminal)
 1 Baluchi mys barry 1 --> (01) (wi thin terminal)
 2 Archetypomys erl 0 --> (012) (wi thin terminal)
 2 Tri bosphenomys m 0 --> (012) (wi thin terminal)
 2 Cocomys ligchaen 0 --> (012) (wi thin terminal)
 2 Tamquammys di spi 0 --> (012) (wi thin terminal)
 2 Chapattimys wils 0 --> (012) (wi thin terminal)
 2 Ottomani a proavi 0 --> (012) (wi thin terminal)
 1 node_212 0 --> 1 node_120
 1 Bugti mys zafarul 1 --> (01) (wi thin terminal)
 2 Hodsahibi a azrae 1 --> (012) (wi thin terminal)
 1 node_120 1 ==> 2 'Waslamys' attia
 2 Phi omys hammudai 0 --> (012) (wi thin terminal)
 2 Canaani mys maqui 0 --> (012) (wi thin terminal)
 2 Protostei romys m 0 --> (012) (wi thin terminal)
 1 node_123 0 ==> 1 Neostei romys pat
 1 Erethizon dorsat 0 --> (01) (wi thin terminal)
 2 Palaeostei romys 0 --> (012) (wi thin terminal)

Hsearch_Consensus.out

2 Luantus propheti 0 --> terminal)
(012) (with in
terminal)
2 Asteromys punctu 0 --> (012) (with in
terminal)
2 Dolichotis patag 0 --> (012) (with in
terminal)
2 Hydrochoerus hyd 0 --> (012) (with in
terminal)
2 Cavia aperea 0 --> (012) (with in
terminal)
2 Galea spixii 0 --> (012) (with in
terminal)
2 Perimys intermed 0 --> (012) (with in
terminal)
2 Neoreomys austra 0 --> (012) (with in
terminal)
2 Dasypsecta 0 --> (012) (with in
terminal)
2 Microscleromys p 0 --> (012) (with in
terminal)
2 Potamarchus muri 0 --> (012) (with in
terminal)
2 Neopibema ambr 0 --> (012) (with in
terminal)
2 Chinchilla lanig 0 --> (012) (with in
terminal)
2 Lagidium viscaci 0 --> (012) (with in
terminal)
2 Lagostomus maxi m 0 --> (012) (with in
terminal)
2 Garri domys curru 0 --> (012) (with in
terminal)
2 Eoiviscaccia fras 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys shi p 0 --> (012) (with in
terminal)
2 Chambi ramys syl v 0 --> (012) (with in
terminal)
2 Eoincamys val ver 0 --> (012) (with in
terminal)
2 Eoincamys ameghi 0 --> (012) (with in
terminal)
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Leucokephalos ze 0 --> (012) (with in
terminal)
2 Platypittamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Willidewu estepa 0 --> (012) (with in
terminal)
2 Prospani omys pri 0 --> (012) (with in
terminal)
2 Spani omys ri pari 0 --> (012) (with in
terminal)
2 Myocastor coypus 0 --> (012) (with in
terminal)
2 Proechi mys cuvie 0 --> (012) (with in
terminal)
2 Maruchito tril of 0 --> (012) (with in
terminal)
2 Thrichomys apere 0 --> (012) (with in
terminal)
2 Echi mys chrysuru 0 --> (012) (with in

Hsearch_Consensus.out

```
terminal)
2 Makalata delpho 0 --> (012) (withn
terminal)
2 Protadelphomys l 0 --> (012) (withn
terminal)
2 Euryzygomatomys 0 --> (012) (withn
terminal)
2 Mesocapromys/Mys 0 --> (012) (withn
terminal)
2 Xenodontomys sim 0 --> (012) (withn
terminal)
2 Ctenomys bolivi 0 --> (012) (withn
terminal)
2 Neophanomys bip 0 --> (012) (withn
terminal)
2 Pi thanotomys col 0 --> (012) (withn
terminal)
2 Octodon degus 0 --> (012) (withn
terminal)
2 Spalacopus cyanu 0 --> (012) (withn
terminal)
2 Abrocoma bennett 0 --> (012) (withn
terminal)
2 Adelphomys candi 0 --> (012) (withn
terminal)
2 Prosthomys bow 0 --> (012) (withn
terminal)
2 Stichomys regula 0 --> (012) (withn
terminal)
2 Dudumus rui gomez 0 --> (012) (withn
terminal)
2 Pampamys emmonsa 0 --> (012) (withn
terminal)
2 Caviocricetus lu 0 --> (012) (withn
terminal)
2 Plesiacarechymys 0 --> (012) (withn
terminal)
2 Sal lamys pascual 0 --> (012) (withn
terminal)
2 Mayomys confluen 0 --> (012) (withn
terminal)
1 node_200 0 --> 1 node_199
2 Eobrani samys rom 1 --> (012) (withn
terminal)
1 Eobrani samys jav 1 --> (12) (withn terminal)
2 Pozomys ucayalie 0 --> (012) (withn
terminal)
2 Cachi yacuy kumme 0 --> (012) (withn
terminal)
2 Thryonomys swind 0 --> (012) (withn
terminal)
2 Paraphomys pi go 0 --> (012) (withn
terminal)
2 Metaphomys scha 0 --> (012) (withn
terminal)
2 Acritophomys bo 0 --> (012) (withn
terminal)
2 Baluchimys barry 0 --> (012) (withn
terminal)
2 Archetypomys erl 0 --> (012) (withn
terminal)
2 Tri bosphenomys m 0 --> (012) (withn
terminal)
2 Cocomys ligchaen 0 --> (012) (withn
terminal)
2 node_217 0 --> 2 node_216
2 Tamquammys di spi 2 --> (012) (withn
terminal)
```

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Hsearch_Consensus.out

2 Chapattimys wils 2 --> (012) (with terminal)
 2 Ottomaniaproavi 2 --> (012) (with terminal)
 2 Bugtimys zafarul 2 --> (012) (with terminal)
 2 Hodsahibi azrae 2 --> (012) (with terminal)
 2 Phiomys hammudai 2 --> (012) (with terminal)
 1 Cachi yacuy conta 2 --> (12) (with terminal)
 2 Canaanimys maqui 2 --> (012) (with terminal)
 1 node_204 2 --> 1 node_201
 2 Protosteioromys m 1 --> (012) (with terminal)
 1 node_124 1 --> 2 Eosteioromys homo
 2 Brani samyopsis a 1 --> (012) (with terminal)
 1 Erethizon dorsat 1 --> (12) (with terminal)
 2 Coendou prehensi 1 --> (012) (with terminal)
 2 Steioromys detent 1 --> (012) (with terminal)
 1 node_129 1 --> 2 Hypsosteioromys a
 1 node_129 1 ==> 0 Chaetomys subspi
 2 Palaeosteioromys 1 --> (012) (with terminal)
 1 node_141 1 ==> 0 node_140
 2 Australoprocta f 0 --> (012) (with terminal)
 2 Luantus propheti 0 --> (012) (with terminal)
 2 Asteromys punctu 0 --> (012) (with terminal)
 2 Dolichotis patag 0 --> (012) (with terminal)
 2 Hydrochoerus hyd 0 --> (012) (with terminal)
 2 Cavia aperea 0 --> (012) (with terminal)
 2 Galea spixi 0 --> (012) (with terminal)
 2 Perimys intermed 0 --> (012) (with terminal)
 2 Neoreomys austra 0 --> (012) (with terminal)
 2 Dasyprocta 0 --> (012) (with terminal)
 1 node_198 1 --> 2 node_197
 1 node_195 2 --> 1 node_161
 1 Eoincamys pascua 1 --> (12) (with terminal)
 1 node_156 1 --> 0 node_155
 2 Microscleromys p 0 --> (012) (with terminal)
 2 Scleromys quadra 0 --> (012) (with terminal)
 2 Scleromys angust 0 --> (012) (with terminal)
 2 Potamarchus muri 0 --> (012) (with terminal)
 2 Neoeplema ambr 0 --> (012) (with terminal)
 2 Chinchilla lani g 0 --> (012) (with terminal)
 2 Lagidium viscaci 0 --> (012) (with terminal)
 2 Lagostomus maxi m 0 --> (012) (with terminal)

Hsearch_Consensus.out

2 Scleromys osborn 0 --> terminal)
(012) (with in
terminal)
2 Garri domys curru 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys shi p 1 --> (012) (with in
terminal)
2 Chambi ramys syl v 1 --> (012) (with in
terminal)
2 Eoincamys val ver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platypittamys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in
terminal)
2 Prospani omys pri 2 --> (012) (with in
terminal)
2 Spani omys ri pari 2 --> (012) (with in
terminal)
2 Myocastor coypus 2 --> (012) (with in
terminal)
2 Proechi mys cuvie 2 --> (012) (with in
terminal)
2 Maruchi to tril of 2 --> (012) (with in
terminal)
2 Thrichomys apere 2 --> (012) (with in
terminal)
2 Echi mys chrysuru 2 --> (012) (with in
terminal)
2 Makalata didelph 2 --> (012) (with in
terminal)
2 Protadelphomys l 2 --> (012) (with in
terminal)
2 Euryzygomatomys 2 --> (012) (with in
terminal)
2 Mesocapromys/Mys 2 --> (012) (with in
terminal)
2 Xenodontomys sim 2 --> (012) (with in
terminal)
2 Ctenomys bolivie 2 --> (012) (with in
terminal)
2 Neophanomys bipl 2 --> (012) (with in
terminal)
2 Pi thanotomys col 2 --> (012) (with in
terminal)
2 Octodon degus 2 --> (012) (with in
terminal)
2 Spalacopus cyanu 2 --> (012) (with in
terminal)
2 Abrocoma bennett 2 --> (012) (with in
terminal)
2 Adelphomys candi 2 --> (012) (with in
terminal)
2 Prosti chomys bow 2 --> (012) (with in

Hsearch_Consensus.out

			terminal)
2	Stichomys regula	2 -->	(012) (with in terminal)
2	Dudumys rui gomez	2 -->	(012) (with in terminal)
2	Pampamys emmonsa	2 -->	(012) (with in terminal)
2	Caviocricetus lu	2 -->	(012) (with in terminal)
2	Plesiacaechimys	2 -->	(012) (with in terminal)
2	Sallamys pascual	2 -->	(012) (with in terminal)
2	Mayomys confluen	2 -->	(012) (with in terminal)
2	Eobrani samys rom	1 -->	(012) (with in terminal)
1	Eobrani samys jav	1 -->	(12) (with in terminal)
2	Pozomys ucayalie	2 -->	(012) (with in terminal)
2	Cachiyacuy kumme	2 -->	(012) (with in terminal)
2	Thryonomys swind	2 -->	(012) (with in terminal)
2	Paraphimys pigo	2 -->	(012) (with in terminal)
2	Metaphimys scha	2 -->	(012) (with in terminal)
2	Acritophimys bo	2 -->	(012) (with in terminal)
2	Baluchimys barry	2 -->	(012) (with in terminal)
48 (Mesostyle and) 1.000	1 Archetypomys erl	0 -->	(01) (with in terminal)
	1 Tribosphenomys m	0 -->	(01) (with in terminal)
	1 Cocomys ligchaen	0 -->	(01) (with in terminal)
	1 Tamquammys di spi	0 -->	(01) (with in terminal)
	1 Chapattimys wils	0 -->	(01) (with in terminal)
	1 Ottomaniaproavi	0 -->	(01) (with in terminal)
	1 Hodsahibia azrae	0 -->	(01) (with in terminal)
	1 Phimys hammudai	0 -->	(01) (with in terminal)
	1 Canaanimys maqui	0 -->	(01) (with in terminal)
	1 Protosteioromys m	0 -->	(01) (with in terminal)
	1 node_124	0 ==>	1 Eosteioromys homo
	1 Erethizon dorsat	0 -->	(01) (with in terminal)
	1 Coendou prehensi	0 -->	(01) (with in terminal)
	1 Steioromys detent	0 -->	(01) (with in terminal)
	1 Palaeosteioromys	0 -->	(01) (with in terminal)
	1 Australoprocta f	0 -->	(01) (with in terminal)
	1 Luantus propheti	0 -->	(01) (with in terminal)
	1 Asteromys punctu	0 -->	(01) (with in terminal)
	1 Dolichotis patag	0 -->	(01) (with in terminal)
	1 Hydrochoerus hyd	0 -->	(01) (with in terminal)
	1 Cavia aperea	0 -->	(01) (with in terminal)
	1 Galea spixii	0 -->	(01) (with in terminal)
	1 Perimys intermed	0 -->	(01) (with in terminal)
	1 Neoepiblema ambr	0 -->	(01) (with in terminal)
	1 Chinchilla lanig	0 -->	(01) (with in terminal)
	1 Lagidium viscaci	0 -->	(01) (with in terminal)
	1 Lagostomus maxim	0 -->	(01) (with in terminal)
	1 Garri domys curnu	0 -->	(01) (with in terminal)
	1 Eoviscaccia fras	0 -->	(01) (with in terminal)
	1 Scleromys praecu	0 -->	(01) (with in terminal)
	1 Chambi ramys ship	0 -->	(01) (with in terminal)
	1 Chambi ramys sylv	0 -->	(01) (with in terminal)
	1 Eoincamys valver	0 -->	(01) (with in terminal)
	1 Eoincamys ameghi	0 -->	(01) (with in terminal)
	1 Draconomys verai	0 -->	(01) (with in terminal)
	1 Leucokephalos ze	0 -->	(01) (with in terminal)

Hsearch_Consensus.out

1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 node_118 1 ==> 0 Birbalomys sonda
 1 Tamquammys dispi 1 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahibia azrae 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 node_198 1 --> 0 node_141
 1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
 1 node_124 0 --> 1 node_123
 1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 Hyposteioromys a 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 node_140 0 --> 1 node_138
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)

49 (Anterior arm o) 0.500

Hsearch_Consensus.out

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1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 node_153 1 --> 0 node_152
1 Garri domys curru 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 node_158 1 ==> 0 Eoincamys parvus
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1     node_118 1 ==> 0 Birbalomys sonda
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1     node_127 1 ==> 0 Stei romys detent
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1     Cavi a aperea 1 --> (01) (wi thi n termi nal)
1     Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1     node_140 1 --> 0 node_139
1     Dasyprocta 0 --> (01) (wi thi n termi nal)
1     node_195 1 --> 0 node_161
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1     node_154 0 --> 1 node_142
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 node_212
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 node_129 1 ==> 0 Hypsostei romys a
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_166 0 ==> 1 node_165
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)

51 (Third crest (m) 0.556

Hsearch_Consensus.out

1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
52 (Mesol ophul e on) 0.643
1 node_213 0 ==> 1 node_212
1 Hodsahi bi a azrae 1 --> (01) (w i t h i n t e r m i n a l)
1 'Wasl amys' attia 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 node_201 1 ==> 0 node_198
1 node_130 0 --> 1 node_128
1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
1 node_124 1 --> 0 Eostei romys homo
1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
1 node_137 0 ==> 1 Australoprocta f
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l)
1 node_166 0 --> 1 node_165
1 Acaremys muri nus 1 --> (01) (w i t h i n t e r m i n a l)
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l)
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
1 Maruchi to tri lof 0 --> (01) (w i t h i n t e r m i n a l)
1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l)
1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Makalata didelph 0 --> (01) (within terminal)
 1 Euryzygomatomys 0 --> (01) (within terminal)
 1 Mesocapromys/Mys 0 --> (01) (within terminal)
 1 Xenodontomys sim 0 --> (01) (within terminal)
 1 Ctenomys bolivie 0 --> (01) (within terminal)
 1 Neophanomys bipl 0 --> (01) (within terminal)
 1 Pithanotomys col 0 --> (01) (within terminal)
 1 Octodon degus 0 --> (01) (within terminal)
 1 Spalacopus cyanu 0 --> (01) (within terminal)
 1 Abrocoma bennett 0 --> (01) (within terminal)
 1 Adelphomys candi 0 --> (01) (within terminal)
 1 Prosthomys bow 0 --> (01) (within terminal)
 1 Stichomys regula 0 --> (01) (within terminal)
 1 Dudumus rui gomez 0 --> (01) (within terminal)
 1 Pamphomys emmonsa 0 --> (01) (within terminal)
 1 Caviocricetus lu 0 --> (01) (within terminal)
 1 Plesiacarechymys 0 --> (01) (within terminal)
 1 Mayomys confluen 0 --> (01) (within terminal)
 1 Eosallamys paula 0 --> (01) (within terminal)
 1 Eobranisamys rom 1 --> (01) (within terminal)
 1 Pozomys ucayalie 1 --> (01) (within terminal)
 1 Tarapotomys mayo 1 --> (01) (within terminal)
 1 Cachiycuy kumme 1 --> (01) (within terminal)
 1 Thryonomys swind 1 --> (01) (within terminal)
 1 Paraphomys pi go 1 --> (01) (within terminal)
 1 Metaphomys scha 1 --> (01) (within terminal)
 1 Baluchimys barry 0 --> (01) (within terminal)
 1 Archetypomys eri 0 --> (01) (within terminal)
 1 Tribosphenomys m 0 --> (01) (within terminal)
 1 Cocomys ligchaen 0 --> (01) (within terminal)
 1 Reithroparamys d 0 --> (01) (within terminal)
 1 Birbalomys sonda 0 --> (01) (within terminal)
 1 Tamquammys di spi 0 --> (01) (within terminal)
 1 Chapattimys wils 0 --> (01) (within terminal)
 1 Ottomaniaproavi 0 --> (01) (within terminal)
 1 Bugtimys zafarul 0 --> (01) (within terminal)
 1 Hodsahibia azrae 0 --> (01) (within terminal)
 1 Cachiycuy conta 0 --> (01) (within terminal)
 1 Canaanimys maqui 0 --> (01) (within terminal)
 1 Protosteioromys m 0 --> (01) (within terminal)
 1 Eosteioromys homo 0 --> (01) (within terminal)
 1 Neosteioromys pat 0 --> (01) (within terminal)
 1 node_127 0 ==> 1 Steioromys detent
 1 Hyposteioromys a 0 --> (01) (within terminal)
 1 Chaetomys subspi 0 --> (01) (within terminal)
 1 Palaeosteioromys 0 --> (01) (within terminal)
 1 Australoprocta f 0 --> (01) (within terminal)
 1 Asteromys punctu 0 --> (01) (within terminal)
 1 Dolichotis patag 0 --> (01) (within terminal)
 1 Hydrochoerus hyd 0 --> (01) (within terminal)
 1 Cavia aperea 0 --> (01) (within terminal)
 1 Galea spixii 0 --> (01) (within terminal)
 1 Perimys intermed 0 --> (01) (within terminal)
 1 Neoreomys austra 0 --> (01) (within terminal)
 1 Branisamys luri b 0 --> (01) (within terminal)
 1 Cuniculus paca-t 0 --> (01) (within terminal)
 1 Eoincamys pascua 0 --> (01) (within terminal)
 1 Microscleromys p 0 --> (01) (within terminal)
 1 Scleromys quadra 0 --> (01) (within terminal)
 1 Scleromys angust 0 --> (01) (within terminal)
 1 Drytomomys aequa 0 --> (01) (within terminal)
 1 Potamarchus muri 0 --> (01) (within terminal)
 1 Dinomys branicki 0 --> (01) (within terminal)
 1 Neopiblima ambr 0 --> (01) (within terminal)
 1 Chinchilla lani g 0 --> (01) (within terminal)
 1 Lagidium viscaci 0 --> (01) (within terminal)
 1 Lagostomus maxi m 0 --> (01) (within terminal)
 1 Scleromys osborn 0 --> (01) (within terminal)

53 (Length of the) 0.750

Hsearch_Consensus.out

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1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platyti ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 node_201 0 --> 1 node_200
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 node_211 0 ==> 1 Acri tophi omys bo
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 node_120 0 --> 1 node_119
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_207 0 --> 1 node_206
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)

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54 (Height of the) 0.500

Hsearch_Consensus.out

1 Eosteirromys homo 1 --> (01) (wi thi n termi nal)
 1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
 1 Hypsosteirromys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteirromys 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pasqua 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys branickei 1 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypitmys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trillof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 55 (Lingual connec) 1.000
 1 node_212 0 --> 2 node_211
 1 node_207 2 --> 1 node_206
 56 (Mesoloph on P4) 0.750
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_204 0 ==> 1 node_201
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 node_124 1 ==> 0 Eostei romys homo
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia apera 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 node_195 1 --> 0 node_194
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prostichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacaarechymys 0 --> (01) (with in terminal)
 1 Mayomys confluen 1 --> (01) (with in terminal)
 1 Eobranisamys rom 1 --> (01) (with in terminal)
 1 Eobranisamys jav 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Cachiycuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphiomys pi go 0 --> (01) (with in terminal)
 1 Metaphiomys scha 0 --> (01) (with in terminal)
 1 Baluchimys barry 0 --> (01) (with in terminal)
 57 (Lingual connec) 0.692
 1 Cachiycuy conta 1 --> (01) (with in terminal)
 1 Erethizon dorsat 1 --> (01) (with in terminal)
 1 Steiromys detent 1 --> (01) (with in terminal)
 1 node_141 1 ==> 0 node_140
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 node_137 0 ==> 2 Neoreomys austra
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 node_195 1 --> 0 node_161
 1 node_156 0 ==> 2 Eoincamys pascua
 1 Incamys bolivi an 0 --> (02) (with in terminal)
 1 node_149 0 ==> 2 node_143
 1 node_153 0 ==> 2 node_152
 58 (Hypocone on P4) 0.333
 1 Eosallamys paula 1 --> (01) (with in terminal)
 1 node_218 0 --> 1 node_217
 1 node_216 1 --> 0 Tamquammys di spi
 1 node_213 1 --> 0 Ottomani a proavi
 1 Hodsahibi a azrae 1 --> (01) (with in terminal)
 1 Canaanimys maqui 1 --> (01) (with in terminal)
 1 Protosteiromys m 1 --> (01) (with in terminal)
 1 Erethizon dorsat 1 --> (01) (with in terminal)
 1 Palaeosteiromys 1 --> (01) (with in terminal)
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia apera 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Perimys intermed 1 --> (01) (with in terminal)
 1 Lagostomus maxi m 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Chambi ramys shi p 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Prospaniomys pri 1 --> (01) (with in terminal)
 1 Spaniomys ripari 1 --> (01) (with in terminal)
 1 Myocastor coypus 1 --> (01) (with in terminal)
 1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimy s chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelph 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivie 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)

Hsearch_Consensus.out

59 (Anterior arm o) 0.778

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1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_215 0 --> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 node_166 1 ==> 0 node_163
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri l of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 node_193 1 ==> 0 Sal lamys pascual
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

60 (Length of the) 0.500

1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
1 Paraphiomys pigo 1 --> (01) (w i t h i n t e r m i n a l)
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l)
1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 node_207 0 --> 1 node_206
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavia apera 1 --> (01) (w i t h i n t e r m i n a l)
1 Galeaspixi 1 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambarmys ship 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambarmys sylv 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Echimyochrysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 Makalata di del ph 1 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
1 Plesiacarechimy 1 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Pozomys ucayal i e 1 --> (01) (wi thi n termi nal)
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
61 (Orientation of) 0.500 1 node_120 0 --> 1 'Wasl amys' attia
1 node_207 0 --> 1 Phi omys hammudai
1 node_147 0 ==> 2 node_146
1 node_160 0 ==> 2 Eoi ncamys val ver
1 Gal ileomys euryg 0 --> (02) (wi thi n termi nal)
1 node_211 0 ==> 2 Acri tophi omys bo
62 (Pronounced AAH) 0.444 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_205 0 ==> 1 node_204
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_126 1 ==> 0 node_124
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_139
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 node_148 1 ==> 0 node_147
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 node_167 1 --> 0 node_166
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sall amys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 node_197 1 ==> 0 Eosall amys paul a
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapatti mys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_138 0 --> 1 node_137
1 node_137 1 --> 0 node_136
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xii 0 --> (01) (w i t h i n t e r m i n a l )
1 Peri mys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 node_158 0 --> 1 node_157
1 node_154 1 --> 0 node_142
1 Di nomys brani cki 1 --> (01) (w i t h i n t e r m i n a l )
1 node_148 1 ==> 0 node_147
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 node_167 0 ==> 1 Wi lli dewu estepa
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )

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63 (Tendency to pr) 0.286

Hsearch_Consensus.out

1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 64 (Metacone on P4) 0.222 1 node_218 0 --> 1 node_219
 1 node_219 1 --> 0 Archetypomys erl
 1 node_218 0 --> 1 Cocomys ligchaen
 1 node_216 0 --> 1 Tamquammys di spi
 1 node_213 0 --> 1 Ottomani a proavi
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteï romys m 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Pal aeosteï romys 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austr 0 --> (01) (wi thi n termi nal)
 1 node_198 0 ==> 1 node_197
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 node_149 1 --> 0 node_148
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 node_158 1 ==> 0 Eoi ncamys parvus
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Gal i leomys euryg 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 node_200 0 --> 1 node_199
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys lig chaen 0 --> (01) (wi thi n termi nal)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 node_207 1 ==> 0 Phi omys hammudai
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 node_123 1 ==> 0 Brani samyopsi s a
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 node_130 1 ==> 0 node_129
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Gale a spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 node_140 1 --> 0 node_139
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 node_154 1 --> 0 node_153
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Neoeptiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sciomyx principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaraechimys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 node_198 1 ==> 0 node_141

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Hsearch_Consensus.out

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1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_156 1 --> 0 node_155
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sciamys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechimy 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

67 (Anterior arm o) 0.500

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1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 node_124 1 ==> 0 Eostei romys homo
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 node_219 0 ==> 1 Tri bosphenomys m
1 node_216 0 ==> 1 Tamquammys di spi
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_198 1 ==> 0 node_141
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Palaeostei romys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 node_137 0 ==> 1 Neoreomys austra
1 Incamys bol ivian 1 --> (01) (wi thi n termi nal)
1 node_145 1 ==> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 node_158 1 ==> 0 Eoi ncamys parvus
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 node_200 1 ==> 0 Shapaj amys laboc
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 node_213 1 --> 2 node_212
 1 node_120 2 --> 0 node_119
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 node_207 2 --> 0 node_206
 1 node_205 0 --> 3 node_122
 1 node_198 0 --> 3 node_141
 1 node_124 3 ==> 2 Eoste i romys homo
 1 Coendou prehensi 3 --> (03) (wi thi n termi nal)
 1 node_138 3 --> 0 Brani samys luri b
 1 Dasyprocta 3 --> (03) (wi thi n termi nal)
 1 node_139 3 ==> 2 Cuni cul us paca-t
 1 Eoi ncamys parvus 0 --> (03) (wi thi n termi nal)
 1 node_204 0 --> 4 node_203
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
 1 node_127 0 --> 1 node_126
 1 Eoste i romys homo 1 --> (01) (wi thi n termi nal)
 1 Neoste i romys pat 1 --> (01) (wi thi n termi nal)
 1 node_125 1 --> 0 Erethi zon dorsat
 1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
 1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
 1 node_141 0 ==> 1 node_140
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a apera 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)

69 (Lingual connec) 0.615

70 (Lingual connec) 0.333

Hsearch_Consensus.out

1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platyptamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi carechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_213 0 ==> 1 node_212
 1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblerama ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garriomys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sciameys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacaraechimys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

72 (Height of the) 1.000

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1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 node_212 0 --> 1 node_211
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n

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73 (*DP4 length/wi) 0.333

Hsearch_Consensus.out

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2 Chapattimys wils 1 --> terminal
012) (within
terminal)
1 node_213 1 --> 0 Ottomani a proavi
1 node_119 1 ==> 2 Hodsahibi a azrae
2 Phi omys hammudai 1 --> (012) (within
terminal)
1 Eoespi na woodi -E 1 --> (12) (within terminal)
2 Canaani mys maqui 1 --> (012) (within
terminal)
1 node_205 1 ==> 2 node_204
1 node_130 2 --> 1 node_128
2 Protostei romys m 1 --> (012) (within
terminal)
1 node_127 1 --> 0 node_126
2 Eostei romys homo 0 --> (012) (within
terminal)
2 Brani samyopsi s a 0 --> (012) (within
terminal)
2 Neostei romys pat 0 --> (012) (within
terminal)
2 Erethi zon dorsat 0 --> (012) (within
terminal)
2 Chaetomys subspi 2 --> (012) (within
terminal)
2 Pal aeostei romys 2 --> (012) (within
terminal)
2 Austral oprocta f 2 --> (012) (within
terminal)
2 Asteromys punctu 2 --> (012) (within
terminal)
2 Dol i choti s patag 2 --> (012) (within
terminal)
2 Hydrochoerus hyd 2 --> (012) (within
terminal)
2 Cavi a aperea 2 --> (012) (within
terminal)
2 Galea spi xi i 2 --> (012) (within
terminal)
2 Neoreomys austra 2 --> (012) (within
terminal)
2 Cuni cul us paca-t 2 --> (012) (within
terminal)
2 Eoi ncamys pascua 2 --> (012) (within
terminal)
2 Scl eromys angust 2 --> (012) (within
terminal)
2 Drytomomys aequa 2 --> (012) (within
terminal)
2 Potamarchus muri 2 --> (012) (within
terminal)
2 Neoepi bl ema ambr 2 --> (012) (within
terminal)
2 Chi nchi l l a l ani g 2 --> (012) (within
terminal)
2 Lagi di um vi scaci 2 --> (012) (within
terminal)
2 Lagostomus maxi m 2 --> (012) (within
terminal)
2 Scl eromys osborn 2 --> (012) (within
terminal)
2 Garri domys curnu 2 --> (012) (within
terminal)
2 Eovi scacci a fras 2 --> (012) (within
terminal)
2 Scl eromys praecu 2 --> (012) (within
terminal)
2 Eoi ncamys parvus 2 --> (012) (within

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Hsearch_Consensus.out

```

terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 2 --> (012) (wi thi n
terminal)
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Platypi ttamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
1 Acaremys muri nus 2 --> (12) (wi thi n termi nal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
terminal)
2 Wi lli dewu estepa 2 --> (012) (wi thi n
terminal)
1 node_192 2 --> 1 node_191
1 node_187 1 --> 2 node_186
2 Maruchi to tril of 2 --> (012) (wi thi n
terminal)
1 node_171 2 ==> 1 Thri chomys apere
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
1 node_182 2 --> 1 node_181
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
1 node_179 1 ==> 2 Pi thanotomys col
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 2 --> (012) (wi thi n
terminal)
1 node_189 1 --> 2 Pampamys emmonsa
1 Cavi ocricetus lu 1 --> (12) (wi thi n termi nal)
1 node_191 1 ==> 0 Pl esi acarechi mys
2 Eobrani samys rom 2 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
terminal)
1 node_208 1 ==> 0 Thryonomys swi nd
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wil s 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)

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74 (Labi al perici n) 1.000

Hsearch_Consensus.out

```

1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_218 0 --> 1 Cocomys ligchaen
1 node_217 0 --> 1 node_118
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_213 0 --> 1 Ottomani a proavi
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)

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75 (Length of the) 0.600

Hsearch_Consensus.out

```

1 Lagidium viscaci 0 --> (01) (withi n termi nal)
1 Lagostomus maxim 0 --> (01) (withi n termi nal)
1 Scleromys osborn 0 --> (01) (withi n termi nal)
1 Garri domys curnu 0 --> (01) (withi n termi nal)
1 Eovi scaccia fras 0 --> (01) (withi n termi nal)
1 Scleromys praecu 0 --> (01) (withi n termi nal)
1 Eoincamys parvus 0 --> (01) (withi n termi nal)
1 Chambi ramys sylv 0 --> (01) (withi n termi nal)
1 Eoincamys valver 0 --> (01) (withi n termi nal)
1 Eoincamys ameghi 0 --> (01) (withi n termi nal)
1 Draconomys verai 0 --> (01) (withi n termi nal)
1 Leucokephalos ze 0 --> (01) (withi n termi nal)
1 Platypittamys br 0 --> (01) (withi n termi nal)
1 Deseadomys aramb 0 --> (01) (withi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (withi n termi nal)
1 Willidewu estepa 0 --> (01) (withi n termi nal)
1 Maruchi to trilof 0 --> (01) (withi n termi nal)
1 Protadelphomys l 0 --> (01) (withi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (withi n termi nal)
1 Xenodontomys sim 0 --> (01) (withi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (withi n termi nal)
1 Neophanomys bipl 0 --> (01) (withi n termi nal)
1 Pi thanotomys col 0 --> (01) (withi n termi nal)
1 Octodon degus 0 --> (01) (withi n termi nal)
1 Spalacopus cyanu 0 --> (01) (withi n termi nal)
1 Abrocoma bennett 0 --> (01) (withi n termi nal)
1 Adelphomys candi 0 --> (01) (withi n termi nal)
1 Eobrani samys rom 0 --> (01) (withi n termi nal)
1 Pozomys ucayalie 0 --> (01) (withi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (withi n termi nal)
2 Archetypomys erl 0 --> (012) (withi n
termi nal)
2 Reithroparamys d 0 --> (012) (withi n
termi nal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (withi n
termi nal)
2 Chapattimys wils 1 --> (012) (withi n
termi nal)
1 node_213 1 --> 0 Ottomani a proavi
1 Hodsahibi a azrae 1 --> (01) (withi n termi nal)
1 node_120 1 --> 0 'Waslamys' attia
1 node_210 1 ==> 2 node_209
2 Phiomys hammudai 2 --> (012) (withi n
termi nal)
2 Canaanimys maqui 2 --> (012) (withi n
termi nal)
2 Protosteioromys m 2 --> (012) (withi n
termi nal)
2 Eosteioromys homo 2 --> (012) (withi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (withi n
termi nal)
2 Neosteioromys pat 2 --> (012) (withi n
termi nal)
2 Erethizon dorsat 2 --> (012) (withi n
termi nal)
2 Palaeosteioromys 2 --> (012) (withi n
termi nal)
2 Australoprocta f 2 --> (012) (withi n
termi nal)
2 Asteromys punctu 2 --> (012) (withi n
termi nal)
2 Dolichotis patag 2 --> (012) (withi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (withi n
termi nal)
2 Cavia aperea 2 --> (012) (withi n

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76 (*Height of the) 0.500

Hsearch_Consensus.out

				terminal)
2	Galea spixii	2	-->	(012) (with terminal)
2	Neoreomys australis	2	-->	(012) (with terminal)
1	node_140	2	-->	1 node_139
2	Cuniculus paca-t	1	-->	(012) (with terminal)
2	Eoincamys pasqua	2	-->	(012) (with terminal)
2	Scleromys angust	2	-->	(012) (with terminal)
2	Drytomomys aequa	2	-->	(012) (with terminal)
2	Potamarchus muri	2	-->	(012) (with terminal)
2	Diomys branicki	2	-->	(012) (with terminal)
2	Neopiblima ambr	2	-->	(012) (with terminal)
2	Chinchilla lanig	2	-->	(012) (with terminal)
2	Lagidium viscaci	2	-->	(012) (with terminal)
2	Lagostomus maxim	2	-->	(012) (with terminal)
2	Scleromys osborn	2	-->	(012) (with terminal)
2	Garri domys curnu	2	-->	(012) (with terminal)
2	Eoviscaccia fras	2	-->	(012) (with terminal)
2	Scleromys praecu	2	-->	(012) (with terminal)
2	Eoincamys parvus	2	-->	(012) (with terminal)
2	Chambiramys sylv	2	-->	(012) (with terminal)
2	Eoincamys valver	2	-->	(012) (with terminal)
2	Eoincamys ameghi	2	-->	(012) (with terminal)
2	Draconomys verai	2	-->	(012) (with terminal)
2	Leucokephalos ze	2	-->	(012) (with terminal)
2	Platypitmys br	2	-->	(012) (with terminal)
2	Deseadomys aramb	2	-->	(012) (with terminal)
2	Sciomyz principa	2	-->	(012) (with terminal)
2	Willidewu estepa	2	-->	(012) (with terminal)
2	Maruchito trilof	2	-->	(012) (with terminal)
2	Protadelphomys l	2	-->	(012) (with terminal)
2	Mesocapromys/Mys	2	-->	(012) (with terminal)
2	Xenodontomys sim	2	-->	(012) (with terminal)
2	Ctenomys bolivie	2	-->	(012) (with terminal)
2	Neophanomys bipl	2	-->	(012) (with terminal)
2	Pi thanotomys col	2	-->	(012) (with terminal)

Hsearch_Consensus.out

2 Octodon degus 2 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal)
2 Adelphomys candi 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 2 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal i e 2 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 2 --> (012) (wi thi n
termi nal)
77 (Anteroci ngul um) 0.750
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 node_213 1 --> 0 Ottomani a proavi
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branic ki 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_218 0 ==> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_214 0 --> 1 node_213
1 node_212 1 --> 0 node_211
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_130 0 --> 1 node_128
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

79 (Neocrestule on) 0.750

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1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypitamyas br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilo f 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

80 (Outgrowth of t) 0.500

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1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1      node_200 0 ==> 1 Shapajamys laboc
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1      node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1      Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1      Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1      Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblicema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1      node_157 1 ==> 0 Chambi ramys ship
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucocephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1      Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )

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81 (Length of the) 1.000

Hsearch_Consensus.out

1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 node_214 0 --> 1 Bal uchi mys barry
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_218 0 ==> 1 Cocomys ligchaen
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1      node_214 0 --> 1 node_213
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1      node_201 1 --> 0 node_198
1      node_130 0 --> 1 node_128
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1      Cavi a aperea 0 --> (01) (wi thi n termi nal)
1      Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1      Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

83 (Protoconule on) 1.000

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1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1      node_196 0 --> 1 Mayomys confluen
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobraniamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pigo 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1      node_218 0 ==> 1 node_217
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Braniamyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1      Cavia aperea 1 --> (01) (wi thi n termi nal)
1      Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pasqua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garriomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sciomys principa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1      Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

84 (Orientation of) 0.471

1 Abrocoma bennett 1 --> (01) (withn terminal)
 1 Adelphomys candi 1 --> (01) (withn terminal)
 1 Eobranisamys rom 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Cachi yacuy kumme 1 --> (01) (withn terminal)
 1 node_209 0 --> 1 node_207
 1 node_198 1 --> 0 node_141
 1 node_130 0 --> 2 node_128
 1 node_129 0 --> 1 Hypsosteiromys a
 1 Perimys intermed 0 --> (01) (withn terminal)
 1 Dasyprocta 0 --> (02) (withn terminal)
 1 Incamys bolivi an 1 --> (12) (withn terminal)
 1 Acaremys murinus 1 --> (12) (withn terminal)
 1 node_165 1 ==> 0 Galileomys euryg
 1 node_168 1 ==> 2 Spani omys ri pari
 1 node_171 1 ==> 0 Thrichomys apere
 1 node_172 1 ==> 2 Echi mys chrysuru
 1 Makalata didelph 1 --> (01) (withn terminal)
 1 Sal lamys pascual 1 --> (01) (withn terminal)
 1 node_196 1 ==> 2 Mayomys confluen
 1 node_201 1 ==> 2 node_200
 1 node_202 1 ==> 2 Tarapotomys suba
 85 (Lingual protol) 0.500
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (withn terminal)
 1 Tamquammys di spi 0 --> (01) (withn terminal)
 1 Chapattimys wils 0 --> (01) (withn terminal)
 1 Phi omys hammudai 0 --> (01) (withn terminal)
 1 Canaanimys maqui 0 --> (01) (withn terminal)
 1 Protosteiromys m 0 --> (01) (withn terminal)
 1 Eosteiromys homo 0 --> (01) (withn terminal)
 1 Brani samyopsi s a 0 --> (01) (withn terminal)
 1 Neosteiromys pat 0 --> (01) (withn terminal)
 1 Erethizon dorsat 0 --> (01) (withn terminal)
 1 Palaeosteiromys 0 --> (01) (withn terminal)
 1 Australoprocta f 0 --> (01) (withn terminal)
 1 Asteromys punctu 0 --> (01) (withn terminal)
 1 Dolichotis patag 0 --> (01) (withn terminal)
 1 Hydrochoerus hyd 0 --> (01) (withn terminal)
 1 Cavia aperea 0 --> (01) (withn terminal)
 1 Galea spixii 0 --> (01) (withn terminal)
 1 Perimys intermed 0 --> (01) (withn terminal)
 1 Neoreomys austra 0 --> (01) (withn terminal)
 1 Cuniculus paca-t 0 --> (01) (withn terminal)
 1 node_195 0 --> 1 node_161
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Drytomomys aequa 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Neoepiblema ambr 1 --> (01) (withn terminal)
 1 Chinchilla lanig 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Eoincamys parvus 1 --> (01) (withn terminal)
 1 Chambiramys sylv 1 --> (01) (withn terminal)
 1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Eoincamys ameghi 1 --> (01) (withn terminal)
 1 Draconomys verai 0 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 Platyptamys br 0 --> (01) (withn terminal)
 1 Deseadomys aramb 0 --> (01) (withn terminal)
 1 Sci amys princi pa 0 --> (01) (withn terminal)
 1 Willidewu estepa 0 --> (01) (withn terminal)
 1 Maruchito trilof 0 --> (01) (withn terminal)

Hsearch_Consensus.out

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1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 node_200 0 --> 1 node_199
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pasqua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 node_169 1 ==> 0 Proechimys cuvie
1 Maruchitotrilof 1 --> (01) (w i t h i n t e r m i n a l )

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86 (Height of the) 1.000

Hsearch_Consensus.out

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1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
1 node_218 0 --> 1 node_217
2 Rei throparamys d 1 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
1 node_210 1 ==> 2 node_209
2 Phi omys hammudai 2 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
2 Protostei romys m 2 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 2 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 2 --> (012) (wi thi n
termi nal)
1 node_129 2 ==> 1 Chaetomys subspi
2 Pal aeostei romys 2 --> (012) (wi thi n
termi nal)
2 Australoprocta f 2 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 2 --> (012) (wi thi n
termi nal)
2 Dol ichoti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 2 --> (012) (wi thi n
termi nal)
2 Cuni cul us paca-t 2 --> (012) (wi thi n

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87 (*Orientation o) 0.500

Hsearch_Consensus.out

2 Eoincamys pascua 2 --> terminal
(012) (with terminal)
2 Incamys bolivi an 2 --> terminal
(012) (with terminal)
2 Microscleromys p 2 --> terminal
(012) (with terminal)
2 Scleromys quadra 2 --> terminal
(012) (with terminal)
2 Scleromys angust 2 --> terminal
(012) (with terminal)
2 Drytomomys aequa 2 --> terminal
(012) (with terminal)
2 Potamarchus muri 2 --> terminal
(012) (with terminal)
2 Dinomys branicki 2 --> terminal
(012) (with terminal)
2 Neopeblema ambr 2 --> terminal
(012) (with terminal)
2 Chinchilla lani g 2 --> terminal
(012) (with terminal)
2 Lagidium viscaci 2 --> terminal
(012) (with terminal)
2 Lagostomus maxim 2 --> terminal
(012) (with terminal)
2 Scleromys osborn 2 --> terminal
(012) (with terminal)
2 Garri domys curnu 2 --> terminal
(012) (with terminal)
2 Eoviscaccia fras 2 --> terminal
(012) (with terminal)
2 Eoviscaccia aust 2 --> terminal
(012) (with terminal)
2 Scleromys praecu 2 --> terminal
(012) (with terminal)
2 Chambi ramys shi p 2 --> terminal
(012) (with terminal)
2 Eoincamys parvus 2 --> terminal
(012) (with terminal)
2 Chambi ramys syl v 2 --> terminal
(012) (with terminal)
2 Eoincamys val ver 2 --> terminal
(012) (with terminal)
2 Eoincamys ameghi 2 --> terminal
(012) (with terminal)
2 Draconomys verai 2 --> terminal
(012) (with terminal)
2 Leucokephalos ze 2 --> terminal
(012) (with terminal)
2 Platypittamys br 2 --> terminal
(012) (with terminal)
2 Deseadomys aramb 2 --> terminal
(012) (with terminal)
2 Sci amys principa 2 --> terminal
(012) (with terminal)
2 Willidewu estepa 2 --> terminal
(012) (with terminal)
1 Spani omys ripari 2 --> (12) (with terminal)
2 Maruchito tril of 2 --> terminal
(012) (with terminal)
2 Protadelphomys l 2 --> terminal
(012) (with terminal)
2 Mesocapromys/Mys 2 --> terminal
(012) (with terminal)
2 Xenodontomys sim 2 --> terminal
(012) (with terminal)
2 Ctenomys bolivie 2 --> terminal
(012) (with terminal)

Hsearch_Consensus.out

	2	Neophanomys	bipl	2	-->	(012)	(wi	thi	n	termi	nal)		
	2	Pi	thanotomys	col	2	-->	(012)	(wi	thi	n	termi	nal)	
	2	Octodon	degus	2	-->	(012)	(wi	thi	n	termi	nal)		
	2	Spalacopus	cyanu	2	-->	(012)	(wi	thi	n	termi	nal)		
	2	Abrocoma	bennett	2	-->	(012)	(wi	thi	n	termi	nal)		
	1	node_186		2	-->	1	node_185						
	2	Adelphomys	candi	1	-->	(012)	(wi	thi	n	termi	nal)		
	2	Eobrani	samys	rom	2	-->	(012)	(wi	thi	n	termi	nal)	
	2	Eobrani	samys	jav	2	-->	(012)	(wi	thi	n	termi	nal)	
	2	Pozomys	ucayal	ie	2	-->	(012)	(wi	thi	n	termi	nal)	
	1	node_202		2	==>	1	Tarapotomys	mayo					
	2	Cachi	yacuy	kumme	2	-->	(012)	(wi	thi	n	termi	nal)	
88 (Mure on DP4)													
0.600													
	1	Archetypomys	erl	0	-->	(01)	(wi	thi	n	termi	nal)		
	1	Reithroparamys	d	0	-->	(01)	(wi	thi	n	termi	nal)		
	1	Tamquammys	dispi	0	-->	(01)	(wi	thi	n	termi	nal)		
	1	Chapattimys	wils	0	-->	(01)	(wi	thi	n	termi	nal)		
	1	'Waslamys'	attia	0	-->	(01)	(wi	thi	n	termi	nal)		
	1	node_212		0	-->	1	node_211						
	1	Phiomys	hammudai	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Canaani	mys	maqui	1	-->	(01)	(wi	thi	n	termi	nal)	
	1	Protosteioromys	m	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eosteioromys	homo	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Brani	samyopsi	s	a	1	-->	(01)	(wi	thi	n	termi	nal)
	1	Neosteioromys	pat	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Erethizon	dorsat	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	node_129		1	==>	0	Chaetomys	subspi					
	1	Palaeosteioromys		1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Australoprocta	f	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Asteromys	punctu	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Dolichotis	patag	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Hydrochoerus	hyd	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Cavia	aperea	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Galea	spixii	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Neoreomys	austra	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Cuniculus	paca-t	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eoincamys	pascua	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Scleromys	angust	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Drytomomys	aequa	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Potamarchus	muri	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Neoepiblema	ambr	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Chinchilla	lanig	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Lagidium	viscaci	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Lagostomus	maxim	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Scleromys	osborn	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Garriomys	curnu	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eoviscaccia	fras	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Scleromys	praecu	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eoincamys	parvus	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Chambiramys	sylv	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eoincamys	valver	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Eoincamys	ameghi	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Draconomys	verai	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Leucokephalos	ze	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Platypittamys	br	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Deseadomys	aramb	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Sciomyes	pricipa	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Willidewu	estepa	1	-->	(01)	(wi	thi	n	termi	nal)		
	1	Maruchito	trilof	1	-->	(01)	(wi	thi	n	termi	nal)		

Hsearch_Consensus.out

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1      node_176 1 --> 0 node_175
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1      Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Triboosphomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1      node_211 0 ==> 1 node_210
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Braniamysopsisa 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1      Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1      Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 1 --> (01) (w i t h i n t e r m i n a l )
1 Braniamys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1      node_176 1 --> 0 node_175
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )

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89 (Lenght of the) 0.750

Hsearch_Consensus.out

90 (Metaconule on) 1.000

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1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_211 0 ==> 1 node_210
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia apera 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

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91 (Development of) 0.500

Hsearch_Consensus.out

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1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1     node_213 0 --> 1 node_212
1     node_120 1 --> 0 node_119
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1     Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1     Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1     Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Makalata didelphinae 1 --> (01) (within terminal)
1 Protodelomys 1 --> (01) (within terminal)
1 Euryzygomatomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prosthomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechymys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajamys laboc 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 Thryonomys swind 1 --> (01) (within terminal)
1 Paraphomys pigo 1 --> (01) (within terminal)
1 Metaphomys scha 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteioromys m 1 --> (01) (within terminal)
1 Eosteioromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteioromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steioromys detent 1 --> (01) (within terminal)
1 Hyposteioromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteioromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamys luri b 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Incamys bolivian 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)

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92 (Metaconule pos) 1.000

Hsearch_Consensus.out

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1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 node_209 1 --> 0 node_208
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Eosteirromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeosteirromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 node_136 1 ==> 0 Luantus propheti
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 1 --> (01) (wi thi n termi nal)
1 Chichi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 node_193 1 ==> 0 Sal lamys pascual
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
95 (*Anterior isol) 1.000
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n

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Hsearch_Consensus.out

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1          node_212 0 ==> 1 node_120
1 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)
1          node_120 1 ==> 2 'Waslamys' attia
2 Phi omys hammudai 0 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 0 --> (012) (wi thi n
terminal)
2 Protostei romys m 0 --> (012) (wi thi n
terminal)
2 Eostei romys homo 0 --> (012) (wi thi n
terminal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
terminal)
2 Neostei romys pat 0 --> (012) (wi thi n
terminal)
2 Erethi zon dorsat 0 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 0 --> (012) (wi thi n
terminal)
2 Austral oprocta f 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Dol ichoti s patag 0 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
terminal)
2      Cavi a aperea 0 --> (012) (wi thi n
terminal)
2      Galea spi xi i 0 --> (012) (wi thi n
terminal)
2 Neoreomys austra 0 --> (012) (wi thi n
terminal)
2      Dasyprocta 0 --> (012) (wi thi n
terminal)
2 Cuni cul us paca-t 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
2 Neoepi bl ema ambr 0 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 0 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 0 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 0 --> (012) (wi thi n
terminal)
2 Garri domys curnu 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

2 Eoincamys valver 0 --> (012) (with
terminal)
2 Eoincamys ameghi 0 --> (012) (with
terminal)
2 Draconomys verai 0 --> (012) (with
terminal)
2 Leucokephalos ze 0 --> (012) (with
terminal)
2 Platypittamys br 0 --> (012) (with
terminal)
2 Deseadomys aramb 0 --> (012) (with
terminal)
2 Sciomys principa 0 --> (012) (with
terminal)
2 Willidewu estepa 0 --> (012) (with
terminal)
2 Maruchito trilof 0 --> (012) (with
terminal)
2 Thrichomys apere 0 --> (012) (with
terminal)
2 Protadelphomys l 0 --> (012) (with
terminal)
2 Euryzygomatomys 0 --> (012) (with
terminal)
2 Mesocapromys/Mys 0 --> (012) (with
terminal)
2 Xenodontomys sim 0 --> (012) (with
terminal)
2 Ctenomys bolivie 0 --> (012) (with
terminal)
2 Neophanomys bipl 0 --> (012) (with
terminal)
2 Pi thanotomys col 0 --> (012) (with
terminal)
2 Octodon degus 0 --> (012) (with
terminal)
2 Spalacopus cyanu 0 --> (012) (with
terminal)
2 Abrocoma bennett 0 --> (012) (with
terminal)
2 Adelphomys candi 0 --> (012) (with
terminal)
2 Shapajamys laboc 0 --> (012) (with
terminal)
2 Eobranisamys rom 0 --> (012) (with
terminal)
2 Pozomys ucayalie 0 --> (012) (with
terminal)
2 Tarapotomys suba 0 --> (012) (with
terminal)
2 Cachi yacuy kumme 0 --> (012) (with
terminal)
2 Thryonomys swind 0 --> (012) (with
terminal)
2 Archetypomys erl 0 --> (012) (with
terminal)
2 Tribosphenomys m 0 --> (012) (with
terminal)
2 Cocomys ligchaen 0 --> (012) (with
terminal)
2 Reithroparamys d 0 --> (012) (with
terminal)
2 Birbalomys sonda 0 --> (012) (with
terminal)
2 Tamquammys di spi 0 --> (012) (with
terminal)
2 Chapattimys wils 0 --> (012) (with
terminal)

96 (*Posterior iso) 0.375

Hsearch_Consensus.out

```

1          node_212 0 ==> 1 node_120
1 Hodsahibia azrae 1 --> (01) (within terminal)
1          node_120 1 ==> 2 'Waslamys' attia
2 Phiomys hammudai 0 --> (012) (within
terminal)
1 Cachiycuy conta 0 --> (01) (within terminal)
2 Eoespina woodi -E 0 --> (012) (within
terminal)
2 Canaanimys maqui 0 --> (012) (within
terminal)
1          node_130 0 --> 1 node_128
2 Protosteiromys m 1 --> (012) (within
terminal)
2 Eosteiromys homo 1 --> (012) (within
terminal)
2 Braniamyopsis a 1 --> (012) (within
terminal)
2 Neosteiromys pat 1 --> (012) (within
terminal)
2 Erethizon dorsat 1 --> (012) (within
terminal)
2 Palaeosteiromys 0 --> (012) (within
terminal)
2 Australoprocta f 0 --> (012) (within
terminal)
2 Asteromys punctu 0 --> (012) (within
terminal)
2 Dolichotis patag 0 --> (012) (within
terminal)
2 Hydrochoerus hyd 0 --> (012) (within
terminal)
2 Cavia aperea 0 --> (012) (within
terminal)
2 Galea spixii 0 --> (012) (within
terminal)
2 Perimys intermed 0 --> (012) (within
terminal)
2 Neoreomys austra 0 --> (012) (within
terminal)
2 Dasyprocta 0 --> (012) (within
terminal)
2 Cuniculus paca-t 0 --> (012) (within
terminal)
1          node_197 0 ==> 1 node_196
2 Eoincamys pasqua 1 --> (012) (within
terminal)
2 Microscleromys p 1 --> (012) (within
terminal)
1          node_153 1 --> 0 node_150
2 Scleromys quadra 0 --> (012) (within
terminal)
2 Scleromys angust 0 --> (012) (within
terminal)
2 Drytomomys aequa 0 --> (012) (within
terminal)
2 Potamarchus muri 0 --> (012) (within
terminal)
2 Neoeplima ambr 0 --> (012) (within
terminal)
2 Chinchilla lanig 0 --> (012) (within
terminal)
2 Lagidium viscaci 0 --> (012) (within
terminal)
2 Lagostomus maxim 0 --> (012) (within
terminal)
2 Scleromys osborn 0 --> (012) (within
terminal)
2 Garriomys curnu 1 --> (012) (within

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Hsearch_Consensus.out

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2 Eoviscaccia frasca 1 --> terminal
2 Scleromys praecursor 1 --> (012) (within terminal)
2 Chambi ramys shipp 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambi ramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghii 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokephalos ze 1 --> (012) (within terminal)
1 node_193 1 ==> 2 node_192
2 Platyptamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Sciomyx principa 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomyx pri 2 --> (012) (within terminal)
2 node_186 2 --> 0 node_183
2 Maruchitotrilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatomys 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivi 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Pithanotomys col 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)
2 Spalacopus cyanu 0 --> (012) (within terminal)
2 Abrocoma bennett 0 --> (012) (within terminal)
2 Adelphomys candi 2 --> (012) (within terminal)
2 node_189 2 ==> 0 Pampamys emmonsa
1 node_193 1 ==> 0 Sallamys pascual
1 Mayomys confluen 1 --> (12) (within terminal)
1 node_201 0 --> 1 node_200
2 Shapajamys laboc 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Pozomys ucayal 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)

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Hsearch_Consensus.out

97 (Anterior arm o) 0.375

```

2 Cachi yacuy kumme 0 --> terminal
(012) (w i t h i n
terminal)
2 Thryonomys swind 0 --> (012) (w i t h i n
terminal)
1 Paraphi omys pi go 0 --> (01) (w i t h i n terminal)
1 Archetypomys erl 0 --> (01) (w i t h i n terminal)
1 Tri bosphenomys m 0 --> (01) (w i t h i n terminal)
1 Cocomys ligchaen 0 --> (01) (w i t h i n terminal)
1 Reithroparamys d 0 --> (01) (w i t h i n terminal)
1 Birbalomys sonda 0 --> (01) (w i t h i n terminal)
1 Tamquammys di spi 0 --> (01) (w i t h i n terminal)
1 Chapattimys wils 0 --> (01) (w i t h i n terminal)
1 node_212 0 ==> 1 node_120
1 Hodsahibi a azrae 1 --> (01) (w i t h i n terminal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (w i t h i n terminal)
1 Eoespina woodi -E 1 --> (01) (w i t h i n terminal)
1 Canaanimys maqui 1 --> (01) (w i t h i n terminal)
1 Protosteirromys m 1 --> (01) (w i t h i n terminal)
1 Eosteirromys homo 1 --> (01) (w i t h i n terminal)
1 Brani samyopsis a 1 --> (01) (w i t h i n terminal)
1 Neosteirromys pat 1 --> (01) (w i t h i n terminal)
1 Erethizon dorsat 1 --> (01) (w i t h i n terminal)
1 Coendou prehensi 1 --> (01) (w i t h i n terminal)
1 Chaetomys subspi 1 --> (01) (w i t h i n terminal)
1 Palaeosteirromys 1 --> (01) (w i t h i n terminal)
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (w i t h i n terminal)
1 Asteromys punctu 0 --> (01) (w i t h i n terminal)
1 Dolichotis patag 0 --> (01) (w i t h i n terminal)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n terminal)
1 Cavia aperea 0 --> (01) (w i t h i n terminal)
1 Galea spixii 0 --> (01) (w i t h i n terminal)
1 Perimys intermed 0 --> (01) (w i t h i n terminal)
1 Neoreomys austra 0 --> (01) (w i t h i n terminal)
1 Dasyprocta 0 --> (01) (w i t h i n terminal)
1 Cuniculus paca-t 0 --> (01) (w i t h i n terminal)
1 Eoincamys pascua 1 --> (01) (w i t h i n terminal)
1 Incamys bolivian 1 --> (01) (w i t h i n terminal)
1 Microscleromys p 1 --> (01) (w i t h i n terminal)
1 Scleromys quadra 1 --> (01) (w i t h i n terminal)
1 Scleromys angust 1 --> (01) (w i t h i n terminal)
1 Drytomomys aequa 1 --> (01) (w i t h i n terminal)
1 Potamarchus muri 1 --> (01) (w i t h i n terminal)
1 Dinomys branicki 1 --> (01) (w i t h i n terminal)
1 Neoepiblema ambr 1 --> (01) (w i t h i n terminal)
1 Chinchilla lanig 1 --> (01) (w i t h i n terminal)
1 Lagidium viscaci 1 --> (01) (w i t h i n terminal)
1 Lagostomus maxim 1 --> (01) (w i t h i n terminal)
1 Scleromys osborn 1 --> (01) (w i t h i n terminal)
1 Garri domys curnu 1 --> (01) (w i t h i n terminal)
1 Eoviscaccia fras 1 --> (01) (w i t h i n terminal)
1 Eoviscaccia aust 1 --> (01) (w i t h i n terminal)
1 Scleromys praecu 1 --> (01) (w i t h i n terminal)
1 Eoincamys parvus 1 --> (01) (w i t h i n terminal)
1 Chambi ramys sylv 1 --> (01) (w i t h i n terminal)
1 Eoincamys valver 1 --> (01) (w i t h i n terminal)
1 Eoincamys ameghi 1 --> (01) (w i t h i n terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (w i t h i n terminal)
1 Leucokephalos ze 0 --> (01) (w i t h i n terminal)
1 Platypittamys br 0 --> (01) (w i t h i n terminal)
1 Deseadomys aramb 0 --> (01) (w i t h i n terminal)
1 Acaremys murinus 0 --> (01) (w i t h i n terminal)
1 Sci amys principa 0 --> (01) (w i t h i n terminal)
1 Willidewu estepa 0 --> (01) (w i t h i n terminal)
1 node_188 0 --> 1 node_187

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Hsearch_Consensus.out

```

1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechiomyx cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilofo 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echiomyx chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 Eosallamys paula
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_212 0 ==> 1 node_120
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)

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98 (Posterior arm) 0.400

Hsearch_Consensus.out

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1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophantomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 Eosall amys paul a
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 node_214 0 --> 1 node_213
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 node_142 1 ==> 0 Mi croscleromys p
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 node_208 1 ==> 0 Thryonomys swi nd
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_207
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)

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100 (Mesoloph on D) 0.429

Hsearch_Consensus.out

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1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austral 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 node_142 1 ==> 0 Microscleromys p
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaemys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_192 1 ==> 0 node_191
1 node_188 0 --> 1 node_187
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 node_196 1 ==> 0 Mayomys confluen
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

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101 (Length of the) 1.000

Hsearch_Consensus.out

1 Bugtymys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platyptamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 node_200 0 --> 1 node_199
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 102 (Li ngual conne) 0.857
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 node_157 1 --> 2 node_156
 1 Incamys bol i vi an 2 --> (02) (wi thi n termi nal)
 1 node_149 2 --> 0 node_148
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 103 (Mesol ophul e o) 0.429
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
 1 node_214 0 --> 1 node_213
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteï romys m 1 --> (01) (wi thi n termi nal)
 1 Eosteï romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neosteï romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Steï romys detent 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeosteï romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 node_157 1 --> 0 node_156
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_193 1 ==> 0 Sal lamys pascual
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 node_208 1 ==> 0 Thryonomys swi nd
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wi ls 0 --> (01) (wi thi n termi nal)
1 node_212 0 ==> 1 node_120
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol ivi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)

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104 (Length of the) 1.000

Hsearch_Consensus.out

1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 node_219 1 --> 0 Tri bosphenomys m
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)

105 (Hypocone on D) 1.000

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1   Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l )
1   Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuni cul us paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scacci a fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to tril of 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bol ivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1   Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayal ie 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1   node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1   Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l )
1   Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuni cul us paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l )

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106 (Development o) 1.000

Hsearch_Consensus.out

1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Scleromys osborn 1 --> (01) (with in terminal)
 1 Garri domys curnu 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Eoincamys parvus 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Eoincamys valver 1 --> (01) (with in terminal)
 1 Eoincamys ameghi 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platypittamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Willidewu estepa 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Protadelphomys l 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivie 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Eobrani samys rom 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Cachi yacuy kumme 1 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 Reithroparamys d 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Chapattimys wils 0 --> (01) (with in terminal)
 1 node_214 0 ==> 1 node_213
 1 Phi omys hammudai 1 --> (01) (with in terminal)
 1 Canaani mys maqui 1 --> (01) (with in terminal)
 1 Protosteioromys m 1 --> (01) (with in terminal)
 1 Eosteioromys homo 1 --> (01) (with in terminal)
 1 Brani samyopsis a 1 --> (01) (with in terminal)
 1 Neosteioromys pat 1 --> (01) (with in terminal)
 1 Erethizon dorsat 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Palaeosteioromys 1 --> (01) (with in terminal)
 1 Australoprocta f 1 --> (01) (with in terminal)
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Neoreomys austra 1 --> (01) (with in terminal)
 1 Cuniculus paca-t 1 --> (01) (with in terminal)
 1 Eoincamys pascua 1 --> (01) (with in terminal)
 1 Scleromys angust 1 --> (01) (with in terminal)
 1 Drytomomys aequa 1 --> (01) (with in terminal)
 1 Potamarchus muri 1 --> (01) (with in terminal)
 1 Neoepiblema ambr 1 --> (01) (with in terminal)
 1 Chinchilla lani g 1 --> (01) (with in terminal)
 1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Scleromys osborn 1 --> (01) (with in terminal)
 1 Garri domys curnu 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Eoincamys parvus 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 1 --> (01) (with in terminal)
 1 Eoincamys valver 1 --> (01) (with in terminal)
 1 Eoincamys ameghi 1 --> (01) (with in terminal)

107 (Anterior arm) 1.000

Hsearch_Consensus.out

1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Eobranis amys rom 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
 1 node_213 0 --> 1 Ottomani a proavi
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Gale a spi xi i 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)

108 (Connection of) 1.000

Hsearch_Consensus.out

109 (Pronounced AA) 0.333

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1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_204 0 --> 1 node_201
1 node_198 1 --> 0 node_141
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol ivi an 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 node_164 0 --> 1 Acaremys muri nus
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1     node_171 0 --> 1 node_170
1     node_168 1 --> 0 Myocastor coypus
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1     node_176 0 --> 1 node_175
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1     Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1     node_191 0 --> 1 Ple si acarechi mys
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1     Cavi a aperea 0 --> (01) (wi thi n termi nal)
1     Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1     node_154 0 ==> 1 node_153
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)

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110 (Tendency prot) 0.667

Hsearch_Consensus.out

1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 node_168 0 ==> 1 Spaniomy s r i p a r i
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachiyacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
1 node_121 0 ==> 1 Eoespi na woodi -E
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
1 node_127 0 --> 1 node_126
1 Eosteirromys homo 1 --> (01) (w i t h i n t e r m i n a l)
1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
1 node_140 0 --> 1 node_139
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
1 node_153 0 --> 1 node_152
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 node_193 0 ==> 1 node_192

111 (Metacone on D) 0.167

Hsearch_Consensus.out

1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Sciamys principi 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Plesiacarechi mys 1 --> (01) (wi thi n termi nal)
 1 node_196 0 ==> 1 Mayomys confluen
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachiycuy kumme 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 node_209 0 --> 1 node_207
 1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
 1 Branisamyopsis a 1 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Microsscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
 1 Neopibellama ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 ---> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)

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113 (Anterior arm) 0.600

Hsearch_Consensus.out

1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_195 1 --> 0 node_161
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopibrama ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sciomys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimyus chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confliuen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Eobranisamys rom 1 --> (01) (with in terminal)
 1 Eobranisamys jav 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Tarapotomys mayo 1 --> (01) (with in terminal)
 1 Tarapotomys suba 1 --> (01) (with in terminal)
 1 Cachi yacuy kumme 1 --> (01) (with in terminal)
 1 Thryonomys swind 1 --> (01) (with in terminal)
 1 Metaphiomys scha 1 --> (01) (with in terminal)
 114 (*Metacone-pos) 0.375
 2 Archetypomys erl 0 --> (012) (with in terminal)
 2 Reithroparamys d 0 --> (012) (with in terminal)
 2 Tamquammys di spi 0 --> (012) (with in terminal)
 2 Chapattimys wils 0 --> (012) (with in terminal)
 1 Ottomaniaproavi 0 --> (01) (with in terminal)
 1 node_212 0 ==> 1 node_120
 2 node_210 0 ==> 2 node_209
 2 Phiomys hammudai 2 --> (012) (with in terminal)
 2 Eoespina woodi -E 2 --> (012) (with in terminal)
 2 Canaanimys maqui 2 --> (012) (with in terminal)
 2 Protosteioromys m 2 --> (012) (with in terminal)
 2 Eosteioromys homo 2 --> (012) (with in terminal)
 2 Branisamyopsis a 2 --> (012) (with in terminal)
 2 Neosteioromys pat 2 --> (012) (with in terminal)
 2 Erethizon dorsat 2 --> (012) (with in terminal)
 1 node_127 2 --> 1 Steioromys detent
 2 Hypsosteioromys a 2 --> (012) (with in terminal)
 2 Chaetomys subspi 2 --> (012) (with in terminal)
 2 Palaeosteioromys 2 --> (012) (with in terminal)
 2 Australoprocta f 2 --> (012) (with in terminal)
 2 Asteromys punctu 2 --> (012) (with in terminal)
 2 Dolichotis patag 2 --> (012) (with in terminal)
 2 Hydrochoerus hyd 2 --> (012) (with in terminal)
 2 Cavia aperea 2 --> (012) (with in terminal)
 2 Galea spixii 2 --> (012) (with in terminal)
 2 Perimys intermed 2 --> (012) (with in terminal)
 2 Neoreomys austra 2 --> (012) (with in terminal)
 1 node_138 2 --> 1 Branisamys Iuri b
 2 Dasyprocta 2 --> (012) (with in terminal)
 2 Cuniculus paca-t 2 --> (012) (with in terminal)
 1 node_195 2 --> 1 node_161
 2 Eoincamys pascua 1 --> (012) (with in terminal)
 2 Microscleromys p 1 --> (012) (with in terminal)

Hsearch_Consensus.out

2 Scleromys quadra 1 --> (012) (w i t h i n
termi nal)
2 Scleromys angust 1 --> (012) (w i t h i n
termi nal)
2 Drytomomys aequa 1 --> (012) (w i t h i n
termi nal)
2 Potamarchus muri 1 --> (012) (w i t h i n
termi nal)
2 Di nomys brani cki 1 --> (012) (w i t h i n
termi nal)
2 Neoepi blema ambr 1 --> (012) (w i t h i n
termi nal)
2 Chi nchi l l a l ani g 1 --> (012) (w i t h i n
termi nal)
2 Lagi di um vi scaci 1 --> (012) (w i t h i n
termi nal)
2 Lagostomus maxi m 1 --> (012) (w i t h i n
termi nal)
2 Scleromys osborn 1 --> (012) (w i t h i n
termi nal)
2 Garri domys curnu 1 --> (012) (w i t h i n
termi nal)
2 Eovi scacci a fras 1 --> (012) (w i t h i n
termi nal)
2 Eovi scacci a aust 1 --> (012) (w i t h i n
termi nal)
2 Scleromys praecu 1 --> (012) (w i t h i n
termi nal)
2 Chambi ramys shi p 1 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (w i t h i n
termi nal)
2 Chambi ramys syl v 1 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (w i t h i n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (w i t h i n
termi nal)
2 Draconomys verai 2 --> (012) (w i t h i n
termi nal)
2 Leucokephal os ze 2 --> (012) (w i t h i n
termi nal)
2 Pl atypi ttamys br 2 --> (012) (w i t h i n
termi nal)
2 Deseadomys aramb 2 --> (012) (w i t h i n
termi nal)
2 Acaremys muri nus 2 --> (012) (w i t h i n
termi nal)
2 Sci amys pri nci pa 2 --> (012) (w i t h i n
termi nal)
2 Gal i leomys euryg 2 --> (012) (w i t h i n
termi nal)
2 Wi l l i dewu estepa 2 --> (012) (w i t h i n
termi nal)
2 Prospani omys pri 2 --> (012) (w i t h i n
termi nal)
2 Spani omys ri pari 2 --> (012) (w i t h i n
termi nal)
2 Myocastor coypus 2 --> (012) (w i t h i n
termi nal)
2 Proechi mys cuvie 2 --> (012) (w i t h i n
termi nal)
2 Maruchi to tri l of 2 --> (012) (w i t h i n
termi nal)
2 Thri chomys apere 2 --> (012) (w i t h i n
termi nal)
2 Echi mys chrysuru 2 --> (012) (w i t h i n
termi nal)

Hsearch_Consensus.out

2 Makalata didelph 2 --> (012) (w i t h i n
termi nal)
2 Protadelphomys l 2 --> (012) (w i t h i n
termi nal)
2 Euryzygomatomys 2 --> (012) (w i t h i n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (w i t h i n
termi nal)
2 Xenodontomys sim 2 --> (012) (w i t h i n
termi nal)
2 Ctenomys bolivi e 2 --> (012) (w i t h i n
termi nal)
2 Neophanomys bipl 2 --> (012) (w i t h i n
termi nal)
2 Pi thanotomys col 2 --> (012) (w i t h i n
termi nal)
2 Octodon degus 2 --> (012) (w i t h i n
termi nal)
2 Spalacopus cyanu 2 --> (012) (w i t h i n
termi nal)
2 Abrocoma bennett 2 --> (012) (w i t h i n
termi nal)
2 Adelphomys candi 2 --> (012) (w i t h i n
termi nal)
2 Prosti chomys bow 2 --> (012) (w i t h i n
termi nal)
2 Sti chomys regul a 2 --> (012) (w i t h i n
termi nal)
2 Dudumus rui gomez 2 --> (012) (w i t h i n
termi nal)
2 Pampamys emmonsa 2 --> (012) (w i t h i n
termi nal)
2 Cavi ocricetus l u 2 --> (012) (w i t h i n
termi nal)
2 Ple siacarechi mys 2 --> (012) (w i t h i n
termi nal)
2 Mayomys confl uen 2 --> (012) (w i t h i n
termi nal)
2 Eosal l amys paul a 2 --> (012) (w i t h i n
termi nal)
2 Shapaj amys l aboc 2 --> (012) (w i t h i n
termi nal)
2 Eobrani samys rom 2 --> (012) (w i t h i n
termi nal)
2 Eobrani samys j av 2 --> (012) (w i t h i n
termi nal)
2 Pozomys ucayal i e 2 --> (012) (w i t h i n
termi nal)
2 Tarapotomys mayo 2 --> (012) (w i t h i n
termi nal)
2 Tarapotomys suba 2 --> (012) (w i t h i n
termi nal)
2 Cachi yacuy kumme 2 --> (012) (w i t h i n
termi nal)
1 node_208 2 --> 1 Paraphi omys pi go
1 Archetypomys erl 1 --> (01) (w i t h i n termi nal)
1 node_219 1 --> 0 Tri bosphenomys m
1 Rei throparamys d 1 --> (01) (w i t h i n termi nal)
1 Bi rbal omys sonda 1 --> (01) (w i t h i n termi nal)
1 Tamquammys di spi 1 --> (01) (w i t h i n termi nal)
1 Chapatti mys wil s 1 --> (01) (w i t h i n termi nal)
1 Phi omys hammudai 1 --> (01) (w i t h i n termi nal)
1 node_205 1 --> 0 node_122
1 Cachi yacuy conta 0 --> (01) (w i t h i n termi nal)
1 Canaani mys maqui 0 --> (01) (w i t h i n termi nal)
1 Protoste i romys m 1 --> (01) (w i t h i n termi nal)
1 Eoste i romys homo 1 --> (01) (w i t h i n termi nal)
1 Brani samyopsi s a 1 --> (01) (w i t h i n termi nal)

115 (Metaloph on D) 0.667

Hsearch_Consensus.out

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1 Neosteiomys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Palaeosteiomys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 node_196
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Diomys branic ki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_214 0 --> 1 node_213
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteiomys m 0 --> (01) (wi thi n termi nal)
1 Eosteiomys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Neosteiomys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteiomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pasqua 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swi nd 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphomys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 node_205 0 ==> 1 node_204
1 Protosteiomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteiomys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteiomys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteiomys a 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_197 1 ==> 0 node_196
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 ==> 1 node_142
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garriomys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 node_165 0 ==> 1 Galileomys euryg
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trifol 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pigo 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 node_217 1 --> 0 node_216
1 node_212 0 --> 1 node_120
1 Hodsahibi azrae 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

119 (Direct metal o) 1.000

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1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1   node_211 0 --> 3 node_210
2 Cachi yacuy conta 3 --> (023) (wi thi n
   terminal)
1   node_197 3 --> 0 node_196
1 Sallamys pascual 0 --> (03) (wi thi n termi nal)
1 Metaphi omys scha 3 --> (03) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1   node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaemys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata dí del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
120 (*Si ze of M1/M) 0.125
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
1 node_213 1 --> 0 node_212
2 Bugtimys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahibi a azrae 0 --> (012) (wi thi n
termi nal)
1 node_211 0 --> 1 node_210
2 Phiomys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespina woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaanimys maqui 1 --> (012) (wi thi n
termi nal)
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
1 node_124 1 --> 0 node_123
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
1 node_127 1 ==> 0 Stei romys detent
1 node_130 1 --> 2 node_129
2 Hypsostei romys a 2 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Australoprocta f 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_139 1 ==> 0 Cuni cul us paca-t
2 Eoincamys pascua 1 --> (012) (wi thi n
termi nal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
1 node_144 1 ==> 0 Potamarchus muri
2 Scl eromys osborn 1 --> (012) (wi thi n
termi nal)
2 Eovi scacci a fras 1 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Scleromys praecu 1 --> terminal
2 Chambi ramys shi p 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
terminal)
2 Draconomys verai 1 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 1 --> (012) (wi thi n
terminal)
1 node_163 1 ==> 0 Pl atypi ttamys br
2 Gal i leomys euryg 1 --> (012) (wi thi n
terminal)
1 node_167 1 ==> 0 Wi lli dewu estepa
1 node_169 1 ==> 0 node_168
2 Maruchi to tril of 1 --> (012) (wi thi n
terminal)
1 node_174 1 ==> 0 Protadel phomys l
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
1 node_185 1 ==> 0 Adel phomys candi
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
1 node_191 1 ==> 0 Pl esi acarechi mys
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
1 node_197 1 --> 0 Eosal l amys paul a
1 node_201 1 --> 0 node_200
2 Shapaj amys l aboc 0 --> (012) (wi thi n
terminal)
2 Eobrani samys j av 0 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
terminal)
1 node_208 1 --> 0 Thryonomys swi nd
2 Bal uchi mys barry 1 --> (012) (wi thi n
terminal)
2 Archetypomys erl 1 --> (012) (wi thi n
terminal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
terminal)
2 Cocomys l i gchaen 1 --> (012) (wi thi n
terminal)
2 Chapatti mys wi l s 1 --> (012) (wi thi n
terminal)
2 Ottomani a proavi 1 --> (012) (wi thi n
terminal)
2 Bugti mys zafarul 1 --> (012) (wi thi n
terminal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
terminal)
1 node_209 1 --> 0 node_207
2 Phi omys hammudai 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy conta 0 --> (012) (wi thi n

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121 (*Size of M3/M) 0.130

Hsearch_Consensus.out

```

2 Eoespi na woodi -E 0 --> terminal)
2 Eoespi na woodi -E 0 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 0 --> (012) (wi thi n
terminal)
2 Protostei romys m 0 --> (012) (wi thi n
terminal)
1 node_127 0 --> 1 node_126
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
1 node_125 1 ==> 2 Erethi zon dorsat
2 Hypsostei romys a 0 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 0 --> (012) (wi thi n
terminal)
1 node_138 0 --> 1 node_137
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
1 node_137 1 --> 2 node_136
2 Luantus propheti 2 --> (012) (wi thi n
terminal)
2 Asteromys punctu 2 --> (012) (wi thi n
terminal)
1 node_139 0 --> 1 Dasyprocta
1 node_198 0 --> 1 node_197
2 Eoi ncamys pascua 1 --> (012) (wi thi n
terminal)
1 node_154 1 --> 0 node_142
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
1 node_153 1 --> 2 node_150
2 Scl eromys quadra 2 --> (012) (wi thi n
terminal)
2 Scl eromys angust 2 --> (012) (wi thi n
terminal)
1 node_144 2 ==> 1 Drytomomys aequa
2 Scl eromys osborn 2 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 1 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
terminal)
1 node_194 1 --> 2 node_162
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
1 node_193 1 --> 0 node_192
1 node_163 0 --> 1 Deseadomys aramb
1 node_164 0 --> 1 Acaremys muri nus
2 Gal ileomys euryg 0 --> (012) (wi thi n
terminal)
1 node_190 0 --> 1 node_189
2 Maruchi to tril of 1 --> (012) (wi thi n
terminal)
1 node_171 1 ==> 0 Thri chomys apere
1 node_174 1 ==> 0 Protadel phomys I
1 node_177 1 ==> 0 Ctenomys bol i vi e
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

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1 node_180 1 --> 0 node_179
2 Pi thanotomys col 0 --> (012) (wi thi n
terminal)
1 Spalacopus cyanu 1 --> (12) (wi thi n terminal)
1 node_183 1 ==> 2 Abrocoma bennett
1 node_186 1 --> 0 node_185
1 node_184 0 --> 1 Stichomys regula
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Plei acarechi mys 0 --> (012) (wi thi n
terminal)
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
terminal)
2 Eobrani samys jav 0 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 0 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
terminal)
122 (M1 length/wid) 0.071
1 node_213 0 ==> 1 node_212
1 node_210 1 ==> 0 node_209
1 node_121 0 ==> 1 Eoespi na woodi -E
1 node_205 0 ==> 1 node_204
1 node_127 1 --> 0 node_126
1 node_125 0 --> 1 Coendou prehensi
1 Australoprocta f 1 --> (01) (wi thi n terminal)
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Cavia aperea 1 --> (01) (wi thi n terminal)
1 node_134 1 ==> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (wi thi n terminal)
1 node_196 1 ==> 0 node_195
1 node_160 0 ==> 1 node_159
1 node_156 1 ==> 0 Eoincamys pascua
1 node_147 1 ==> 0 Lagostomus maxim
1 Eoviscaccia fras 1 --> (01) (wi thi n terminal)
1 Draconomys verai 0 --> (01) (wi thi n terminal)
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 node_163 0 ==> 1 Platypittamys br
1 node_165 0 ==> 1 node_164
1 node_192 0 ==> 1 node_191
1 Protadelphomys l 1 --> (01) (wi thi n terminal)
1 Neophanomys bipl 1 --> (01) (wi thi n terminal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n terminal)
123 (M2 length/wid) 0.154
1 node_212 0 ==> 1 node_120
1 node_198 0 ==> 1 node_141
1 node_128 1 ==> 0 node_127
1 node_125 0 ==> 1 Coendou prehensi
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Cavia aperea 1 --> (01) (wi thi n terminal)
1 node_134 1 ==> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (wi thi n terminal)
1 node_138 1 ==> 0 Brani samys luri b
1 node_160 0 ==> 1 node_159
1 node_147 1 ==> 0 Lagostomus maxim
1 Eoviscaccia fras 1 --> (01) (wi thi n terminal)
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 node_165 0 ==> 1 node_164
1 node_192 0 ==> 1 node_191
1 Protadelphomys l 1 --> (01) (wi thi n terminal)
1 Neophanomys bipl 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

1 node_188 1 ==> 0 Dudumus rui gomez
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 124 (Labi al perici) 1.000
 1 node_203 0 ==> 1 node_202
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_218 0 ==> 1 Cocomys ligchaen
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 125 (Parastyle on) 0.842
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 --> 0 Tri bosphenomys m
 1 node_216 1 ==> 0 node_215
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsis a 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austr 0 --> (01) (wi thi n termi nal)
 1 node_138 0 ==> 1 Brani samys luri b
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)
 1 Neoeptibema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 node_186 0 --> 1 node_183
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 node_216 0 --> 1 node_215
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibia azrae 1 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l)
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l)
1 Hypsosteioromys a 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)

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126 (Height the pa) 1.000

Hsearch_Consensus.out

1 Eoviscaccia aust 1 --> (01) (with terminal)
 1 Scleromys praecu 1 --> (01) (with terminal)
 1 Eoincamys valver 1 --> (01) (with terminal)
 1 Eoincamys ameghi 1 --> (01) (with terminal)
 1 Draconomys verai 1 --> (01) (with terminal)
 1 Leucokephalos ze 1 --> (01) (with terminal)
 1 Platypittamys br 1 --> (01) (with terminal)
 1 Deseadomys aramb 1 --> (01) (with terminal)
 1 Acaremys murinus 1 --> (01) (with terminal)
 1 Sciomyis principa 1 --> (01) (with terminal)
 1 Galileomys euryg 1 --> (01) (with terminal)
 1 Willidewu estepa 1 --> (01) (with terminal)
 1 Prospaniomyis pri 1 --> (01) (with terminal)
 1 Spaniomyis ripari 1 --> (01) (with terminal)
 1 Myocastor coypus 1 --> (01) (with terminal)
 1 Maruchito trilof 1 --> (01) (with terminal)
 1 Thrichomys apere 1 --> (01) (with terminal)
 1 Echimyis chrysuru 1 --> (01) (with terminal)
 1 Makalata didelph 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Euryzygomatomys 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivi 1 --> (01) (with terminal)
 1 Neophanomys bipl 1 --> (01) (with terminal)
 1 Pithanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 Prostichomys bow 1 --> (01) (with terminal)
 1 Stichomys regula 1 --> (01) (with terminal)
 1 Dudumus rui gomez 1 --> (01) (with terminal)
 1 Pampamys emmonsa 1 --> (01) (with terminal)
 1 Caviocricetus lu 1 --> (01) (with terminal)
 1 Plesiacaarechi mys 1 --> (01) (with terminal)
 1 Shapajamys laboc 1 --> (01) (with terminal)
 1 Eobranisamys rom 1 --> (01) (with terminal)
 1 Pozomys ucayalie 1 --> (01) (with terminal)
 1 Tarapotomys suba 1 --> (01) (with terminal)
 1 Thryonomys swind 1 --> (01) (with terminal)
 1 Paraphiomyis pigo 1 --> (01) (with terminal)
 1 Metaphiomyis scha 1 --> (01) (with terminal)
 1 Acritophiomyis bo 1 --> (01) (with terminal)
 1 Baluchimys barry 1 --> (01) (with terminal)
 1 node_219 0 ==> 1 Archetypomys erl
 1 node_216 0 ==> 1 Tamquammys di spi
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Asteromys punctu 0 --> (01) (with terminal)
 1 Dolichotis patag 0 --> (01) (with terminal)
 1 Hydrochoerus hyd 0 --> (01) (with terminal)
 1 Cavia aperea 0 --> (01) (with terminal)
 1 Galea spixii 0 --> (01) (with terminal)
 1 Perimys intermed 0 --> (01) (with terminal)
 1 Neoreomys austra 0 --> (01) (with terminal)
 1 Cuniculus paca-t 0 --> (01) (with terminal)
 1 Scleromys quadra 0 --> (01) (with terminal)
 1 Scleromys angust 0 --> (01) (with terminal)
 1 Drytomomys aequa 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Dinomys branicki 0 --> (01) (with terminal)
 1 Neoepiblema ambr 0 --> (01) (with terminal)
 1 Chinchilla lanig 0 --> (01) (with terminal)
 1 Lagidium viscaci 0 --> (01) (with terminal)
 1 Lagostomus maxim 0 --> (01) (with terminal)
 1 Scleromys osborn 0 --> (01) (with terminal)
 1 Garri domys curnu 0 --> (01) (with terminal)
 1 Eoviscaccia fras 0 --> (01) (with terminal)

127 (Anterostyle o) 0.333

Hsearch_Consensus.out

1 Eoviscaccia aust 0 --> (01) (withn terminal)
 1 Scleromys praecu 0 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 Myocastor coypus 0 --> (01) (withn terminal)
 1 Maruchito trilof 0 --> (01) (withn terminal)
 1 Echimys chrysuru 0 --> (01) (withn terminal)
 1 Makalata didelph 0 --> (01) (withn terminal)
 1 Mesocapromys/Mys 0 --> (01) (withn terminal)
 1 Xenodontomys sim 0 --> (01) (withn terminal)
 1 Ctenomys bolivi 0 --> (01) (withn terminal)
 1 Neophanomys bipl 0 --> (01) (withn terminal)
 1 Pi thanotomys col 0 --> (01) (withn terminal)
 1 Octodon degus 0 --> (01) (withn terminal)
 1 Spalacopus cyanu 0 --> (01) (withn terminal)
 1 Abrocoma bennett 0 --> (01) (withn terminal)
 1 Adelphomys candi 0 --> (01) (withn terminal)
 1 Prosthomys bow 0 --> (01) (withn terminal)
 1 Stichomys regula 0 --> (01) (withn terminal)
 128 (*Anterocingul) 0.750
 1 node_215 0 ==> 1 node_214
 1 Ottomaniaproavi 1 --> (01) (withn terminal)
 1 node_210 1 --> 2 node_209
 1 node_207 2 --> 1 Phiomys hammudai
 2 Asteromys punctu 2 --> (012) (withn terminal)
 2 Dolichotis patag 2 --> (012) (withn terminal)
 2 Hydrochoerus hyd 2 --> (012) (withn terminal)
 2 Cavia aperea 2 --> (012) (withn terminal)
 2 Galea spixii 2 --> (012) (withn terminal)
 2 Lagostomus maxim 2 --> (012) (withn terminal)
 2 Eoviscaccia fras 2 --> (012) (withn terminal)
 2 Leucokephalos ze 2 --> (012) (withn terminal)
 2 Xenodontomys sim 2 --> (012) (withn terminal)
 2 Ctenomys bolivi 2 --> (012) (withn terminal)
 2 Neophanomys bipl 2 --> (012) (withn terminal)
 2 Pi thanotomys col 2 --> (012) (withn terminal)
 2 Octodon degus 2 --> (012) (withn terminal)
 2 Spalacopus cyanu 2 --> (012) (withn terminal)
 2 Abrocoma bennett 2 --> (012) (withn terminal)
 129 (Length of the) 0.250
 1 node_218 0 --> 1 Cocomys ligchaen
 1 node_217 0 --> 1 node_118
 1 node_215 0 --> 1 Chapattimys wils
 1 node_213 0 --> 1 Ottomaniaproavi
 1 Asteromys punctu 0 --> (01) (withn terminal)
 1 Dolichotis patag 0 --> (01) (withn terminal)
 1 Hydrochoerus hyd 0 --> (01) (withn terminal)
 1 Cavia aperea 0 --> (01) (withn terminal)
 1 Galea spixii 0 --> (01) (withn terminal)
 1 Lagostomus maxim 0 --> (01) (withn terminal)
 1 Eoviscaccia fras 0 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 Xenodontomys sim 0 --> (01) (withn terminal)
 1 Ctenomys bolivi 0 --> (01) (withn terminal)
 1 Neophanomys bipl 0 --> (01) (withn terminal)
 1 Pi thanotomys col 0 --> (01) (withn terminal)

Hsearch_Consensus.out

130 (Anteroci ngul u) 0. 700

1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 node_216 0 ==> 1 node_215
 1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
 1 node_212 1 ==> 0 node_211
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_128 0 ==> 1 node_127
 1 node_124 1 ==> 0 Eostei romys homo
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 131 (Anteroci ngul u) 0. 500
 1 node_216 0 ==> 1 node_215
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 132 (Anteroci ngul u) 1. 000
 1 node_215 0 ==> 1 node_214
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys j av 1 --> (01) (wi thi n termi nal)

133 (Lingual anter) 0.333

Hsearch_Consensus.out

```
1 node_219 1 --> 0 Archetypomys erl
1 node_219 1 --> 0 Tribosphenomys m
1 node_215 1 --> 0 node_214
1 node_213 0 --> 1 Ottomani a proavi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
134 (Anterior arm ) 1.000
1 node_213 0 ==> 1 node_212
1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branickei 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platytipitmys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaemys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principi a 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
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Hsearch_Consensus.out

1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 node_215 0 --> 1 node_214
 1 node_213 1 --> 0 Ottomani a proavi
 1 node_213 1 ==> 2 node_212
 1 node_119 2 ==> 1 Hodsahi bi a azrae
 2 Asteromys punctu 2 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 2 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n termi nal)
 2 Cavi a aperea 2 --> (012) (wi thi n termi nal)
 2 Galea spi xi i 2 --> (012) (wi thi n termi nal)
 2 Lagostomus maxi m 2 --> (012) (wi thi n termi nal)
 2 Eovi scacci a fras 2 --> (012) (wi thi n termi nal)
 2 Leucokephal os ze 2 --> (012) (wi thi n termi nal)
 2 Xenodontomys sim 2 --> (012) (wi thi n termi nal)
 2 Ctenomys bol ivie 2 --> (012) (wi thi n termi nal)
 2 Neophanomys bi pl 2 --> (012) (wi thi n termi nal)
 2 Pi thanotomys col 2 --> (012) (wi thi n termi nal)
 2 Octodon degus 2 --> (012) (wi thi n termi nal)
 2 Spal acopus cyanu 2 --> (012) (wi thi n termi nal)
 2 Abrocoma bennett 2 --> (012) (wi thi n termi nal)

135 (*Protocone co) 0.500

Hsearch_Consensus.out

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136 (Outgrowth of ) 1.000      1          node_219 1 --> 0 Archetypomys erl
                                1          node_219 1 --> 0 Tri bosphenomys m
                                1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
                                1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
                                1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
                                1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
                                1      Cavia aperea 1 --> (01) (wi thi n termi nal)
                                1      Galea spi xi i 1 --> (01) (wi thi n termi nal)
                                1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
                                1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
                                1 Draconomys verai 1 --> (01) (wi thi n termi nal)
                                1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
                                1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
                                1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
                                1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
                                1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
                                1      Octodon degus 1 --> (01) (wi thi n termi nal)
                                1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
                                1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
137 (Length of the) 1.000      1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
                                1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
                                1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
                                1          node_214 0 ==> 1 node_213
                                1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
                                1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
                                1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
                                1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
                                1      Cavia aperea 1 --> (01) (wi thi n termi nal)
                                1      Galea spi xi i 1 --> (01) (wi thi n termi nal)
                                1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
                                1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
                                1 Draconomys verai 1 --> (01) (wi thi n termi nal)
                                1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
                                1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
                                1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
                                1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
                                1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
                                1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
                                1      Octodon degus 1 --> (01) (wi thi n termi nal)
                                1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
                                1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
138 (Outgrowth of ) 0.500      1          node_219 1 --> 0 Archetypomys erl
                                1          node_219 1 --> 0 Tri bosphenomys m
                                1          node_213 1 ==> 0 Ottomani a proavi
                                1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
                                1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
                                1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
                                1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
                                1      Cavia aperea 1 --> (01) (wi thi n termi nal)
                                1      Galea spi xi i 1 --> (01) (wi thi n termi nal)
                                1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
                                1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
                                1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
                                1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
                                1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
                                1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
                                1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
                                1      Octodon degus 1 --> (01) (wi thi n termi nal)
                                1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
                                1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
139 (Length of the) 0.500      1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
                                1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
                                1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
                                1          node_214 0 --> 1 node_213
                                1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
                                1          node_120 1 --> 0 'Wasl amys' atti a
                                1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 141 (Length of the) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 node_214 0 ==> 1 node_213
 1 node_120 1 ==> 0 'Wasl amys' attia
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Plesiacarechymys 1 --> (01) (wi thi n termi nal)
 142 (Posterior arm) 0.731
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
 1 node_120 0 ==> 1 node_119
 1 node_122 0 --> 1 node_121
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 node_198 0 ==> 1 node_141
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 node_124 1 ==> 0 node_123
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Steiromys detent 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Neoepelema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 node_193 0 ==> 1 node_192
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 node_165 1 ==> 0 Galileomys euryg
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
1 Spaniomyx ripari 1 --> (01) (wi thi n termi nal)
1 node_169 1 ==> 0 Proechimys cuvie
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimyss chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Plesiacaraechimys 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 node_214 0 ==> 1 Baluchimys barry
1 node_215 0 ==> 1 node_214
1 node_212 1 --> 0 node_211
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 node_126 0 --> 1 node_124
1 Eosteiomys homo 1 --> (01) (wi thi n termi nal)
1 Neosteiomys pat 1 --> (01) (wi thi n termi nal)
1 Steiomys detent 0 --> (01) (wi thi n termi nal)
1 Hyposteiomys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteiomys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperrea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)

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143 (Thickness of) 0.643

Hsearch_Consensus.out

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1 node_154 0 --> 1 node_153
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoeptiblenia ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciomyz principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_188 0 --> 1 node_187
1 Prospaniomyz pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomyz ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trifol 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echiomys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelphi 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bip 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampanomys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plestiacarechimy 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 node_202 0 ==> 1 Tarapotomys suba
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomyz bo 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 ==> 1 node_216
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia apera 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bip 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

145 (Labial protol) 1.000

1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 node_174 0 ==> 1 Euryzygomatomys
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)

146 (Orientation o) 0.814

1 node_207 0 ==> 1 node_206
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
 1 node_141 1 --> 2 node_130
 1 Brani samyopsi s a 2 --> (12) (wi thi n termi nal)
 1 Erethizon dorsat 2 --> (12) (wi thi n termi nal)
 1 Coendou prehensi 2 --> (12) (wi thi n termi nal)
 1 Hypsostei romys a 2 --> (12) (wi thi n termi nal)
 1 node_129 2 ==> 0 Chaetomys subspi
 1 node_141 1 ==> 0 node_140
 2 Australoprocta f 0 --> (012) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (02) (wi thi n termi nal)
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
 1 node_152 1 ==> 2 Garri domys curnu
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (12) (wi thi n termi nal)
 1 node_164 1 ==> 0 Acaremys murinus
 1 Willidewu estepa 1 --> (12) (wi thi n termi nal)
 1 node_187 1 ==> 2 Prospani omys pri
 1 Spani omys ri pari 1 --> (12) (wi thi n termi nal)
 1 node_169 1 ==> 0 Proechi mys cuvi e
 1 Maruchito tril of 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 node_174 1 ==> 0 Euryzygomatomys
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (12) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (12) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (12) (wi thi n termi nal)
 2 Sal lamys pascual 1 --> (012) (wi thi n termi nal)
 2 Mayomys confl uen 1 --> (012) (wi thi n termi nal)

147 (Lingual proto) 0.643

1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 node_203 1 ==> 2 Pozomys ucayal ie
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
 1 node_122 0 ==> 1 Canaani mys maqui
 1 node_124 0 --> 1 node_123
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Dolichotis patag 0 --> (01) (with terminal)
1 Hydrochoerus hyd 0 --> (01) (with terminal)
1 Cavia aperea 0 --> (01) (with terminal)
1 Galea spixii 0 --> (01) (with terminal)
1 node_138 0 ==> 1 Brani samys luri b
1 node_160 0 ==> 1 node_159
1 Lagostomus maxim 1 --> (01) (with terminal)
1 Eoviscaccia fras 1 --> (01) (with terminal)
1 Eoviscaccia aust 1 --> (01) (with terminal)
1 Eoincamys ameghi 0 --> (01) (with terminal)
1 Leucokephalos ze 0 --> (01) (with terminal)
1 Deseadomys aramb 0 --> (01) (with terminal)
1 Proechimys cuvie 0 --> (01) (with terminal)
1 Protadelphomys l 0 --> (01) (with terminal)
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Ctenomys bolivi 0 --> (01) (with terminal)
1 Neophanomys bipl 0 --> (01) (with terminal)
1 Pithanotomys col 0 --> (01) (with terminal)
1 Octodon degus 0 --> (01) (with terminal)
1 Spalacopus cyanu 0 --> (01) (with terminal)
1 Abrocoma bennett 0 --> (01) (with terminal)
1 node_200 0 ==> 1 node_199
1 node_203 0 ==> 1 Pozomys ucayalie
1 Tarapotomys mayo 0 --> (01) (with terminal)
1 node_215 1 ==> 2 node_214
2 Canaanimys maqui 2 --> (012) (with terminal)
2 Brani samyopsis a 2 --> (012) (with terminal)
2 Neosteironomys pat 2 --> (012) (with terminal)
2 Chaetomys subspi 2 --> (012) (with terminal)
2 Australoprocta f 2 --> (012) (with terminal)
2 Asteromys punctu 2 --> (012) (with terminal)
2 Dolichotis patag 2 --> (012) (with terminal)
2 Hydrochoerus hyd 2 --> (012) (with terminal)
2 Cavia aperea 2 --> (012) (with terminal)
2 Galea spixii 2 --> (012) (with terminal)
2 Perimys intermed 2 --> (012) (with terminal)
2 Neoreomys austra 2 --> (012) (with terminal)
2 Brani samys luri b 2 --> (012) (with terminal)
2 node_140 2 --> 0 node_139
2 Dasyprocta 0 --> (012) (with terminal)
2 Eoincamys pascua 2 --> (012) (with terminal)
2 Incamys bolivian 2 --> (012) (with terminal)
2 Microscleromys p 2 --> (012) (with terminal)
2 Scleromys quadra 2 --> (012) (with terminal)
2 Scleromys angust 2 --> (012) (with terminal)
2 Drytomomys aequa 2 --> (012) (with terminal)
2 Potamarchus muri 2 --> (012) (with terminal)

148 (*Height of th) 0.571

Hsearch_Consensus.out

2 Di nomys brani cki 2 --> (012) (wi thi n
termi nal)

2 Neoeppi bl ema ambr 2 --> (012) (wi thi n
termi nal)

2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
termi nal)

2 Lagi di um vi scaci 2 --> (012) (wi thi n
termi nal)

2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)

2 Scl eromys osborn 2 --> (012) (wi thi n
termi nal)

2 Garri domys curnu 2 --> (012) (wi thi n
termi nal)

2 Eovi scacci a fras 2 --> (012) (wi thi n
termi nal)

2 Eovi scacci a aust 2 --> (012) (wi thi n
termi nal)

2 Scl eromys praecu 2 --> (012) (wi thi n
termi nal)

2 Chambi ramys shi p 2 --> (012) (wi thi n
termi nal)

2 Eoi ncamys parvus 2 --> (012) (wi thi n
termi nal)

2 Chambi ramys syl v 2 --> (012) (wi thi n
termi nal)

1 Eoi ncamys val ver 2 --> (12) (wi thi n termi nal)

2 Leucokephal os ze 2 --> (012) (wi thi n
termi nal)

2 Pl atypi ttamys br 2 --> (012) (wi thi n
termi nal)

2 Deseadomys aramb 2 --> (012) (wi thi n
termi nal)

2 Acaremys muri nus 2 --> (012) (wi thi n
termi nal)

2 Sci amys pri nci pa 2 --> (012) (wi thi n
termi nal)

2 Gal i leomys euryg 2 --> (012) (wi thi n
termi nal)

2 Wi l l i dewu estepa 2 --> (012) (wi thi n
termi nal)

1 node_188 2 --> 1 node_187

2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)

1 node_176 1 --> 0 node_173

2 Spani omys ri pari 0 --> (012) (wi thi n
termi nal)

2 Maruchi to tri l of 0 --> (012) (wi thi n
termi nal)

2 Thri chomys apere 0 --> (012) (wi thi n
termi nal)

2 Echi mys chrysuru 0 --> (012) (wi thi n
termi nal)

2 Makal ata di del ph 0 --> (012) (wi thi n
termi nal)

2 Euryzygomatomys 1 --> (012) (wi thi n
termi nal)

2 Mesocapromys/Mys 1 --> (012) (wi thi n
termi nal)

2 Xenodontomys si m 1 --> (012) (wi thi n
termi nal)

2 Ctenomys bol i vi e 1 --> (012) (wi thi n
termi nal)

2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)

2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)

2 Octodon degus 1 --> (012) (wi thi n

Hsearch_Consensus.out

2 Spalacopus cyanu 1 --> terminal
 (012) (w i t h i n
 terminal)
 2 Abrocoma bennett 1 --> (012) (w i t h i n
 terminal)
 2 Adelphomys candi 1 --> (012) (w i t h i n
 terminal)
 2 Prosti chomys bow 1 --> (012) (w i t h i n
 terminal)
 2 Sti chomys regul a 1 --> (012) (w i t h i n
 terminal)
 2 Pampamys emmonsa 2 --> (012) (w i t h i n
 terminal)
 2 Cavi ocricetus lu 2 --> (012) (w i t h i n
 terminal)
 2 Plesi acarechi mys 2 --> (012) (w i t h i n
 terminal)
 1 Mayomys confl uen 2 --> (12) (w i t h i n terminal)
 2 Eobrani samys rom 2 --> (012) (w i t h i n
 terminal)
 2 Eobrani samys jav 2 --> (012) (w i t h i n
 terminal)
 2 Pozomys ucayal ie 2 --> (012) (w i t h i n
 terminal)
 2 Tarapotomys suba 2 --> (012) (w i t h i n
 terminal)
 149 (Length of the) 0.800
 1 Archetypomys erl 0 --> (01) (w i t h i n terminal)
 1 Eoespi na woodi -E 0 --> (01) (w i t h i n terminal)
 1 Canaani mys maqui 0 --> (01) (w i t h i n terminal)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n terminal)
 1 Asteromys punctu 0 --> (01) (w i t h i n terminal)
 1 Dol ichoti s patag 0 --> (01) (w i t h i n terminal)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n terminal)
 1 Cavi a aperea 0 --> (01) (w i t h i n terminal)
 1 Galea spi xi i 0 --> (01) (w i t h i n terminal)
 1 Brani samys luri b 0 --> (01) (w i t h i n terminal)
 1 Eoi ncamys pascua 0 --> (01) (w i t h i n terminal)
 1 Incamys bol i vi an 0 --> (01) (w i t h i n terminal)
 1 Mi croscleromys p 0 --> (01) (w i t h i n terminal)
 1 Scleromys quadra 0 --> (01) (w i t h i n terminal)
 1 Scleromys angust 0 --> (01) (w i t h i n terminal)
 1 Drytomomys aequa 0 --> (01) (w i t h i n terminal)
 1 Potamarchus muri 0 --> (01) (w i t h i n terminal)
 1 Di nomys brani cki 0 --> (01) (w i t h i n terminal)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n terminal)
 1 Chi nchi lla lani g 0 --> (01) (w i t h i n terminal)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n terminal)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n terminal)
 1 Scleromys osborn 0 --> (01) (w i t h i n terminal)
 1 Garri domys curnu 0 --> (01) (w i t h i n terminal)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n terminal)
 1 Scleromys praecu 0 --> (01) (w i t h i n terminal)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n terminal)
 1 Eoi ncamys parvus 0 --> (01) (w i t h i n terminal)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n terminal)
 1 node_160 0 ==> 1 Eoi ncamys val ver
 1 Leucokephal os ze 0 --> (01) (w i t h i n terminal)
 1 Deseadomys aramb 0 --> (01) (w i t h i n terminal)
 1 node_174 0 ==> 1 Protadel phomys l
 1 Xenodontomys si m 0 --> (01) (w i t h i n terminal)
 1 Ctenomys bol i vi e 0 --> (01) (w i t h i n terminal)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n terminal)
 1 Pi thanotomys col 0 --> (01) (w i t h i n terminal)
 1 Octodon degus 0 --> (01) (w i t h i n terminal)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n terminal)
 1 Abrocoma bennett 0 --> (01) (w i t h i n terminal)
 1 Eobrani samys rom 0 --> (01) (w i t h i n terminal)
 1 Eobrani samys jav 0 --> (01) (w i t h i n terminal)

150 (*Orientation) 0.727

Hsearch_Consensus.out

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1 Pozomys ucayalieu 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 node_218 0 --> 1 node_217
1 node_118 1 --> 0 Reithroparamys d
1 node_212 1 --> 2 node_211
1 Phiomys hammudai 2 --> (12) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
2 Braniamyopsis a 2 --> (012) (within terminal)
1 node_129 2 ==> 1 Hypsosteiromys a
2 Asteromys punctu 2 --> (012) (within terminal)
2 Dolichotis patag 2 --> (012) (within terminal)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galeaspixi 2 --> (012) (within terminal)
2 Branisamys luri b 2 --> (012) (within terminal)
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Incamys bolivian 2 --> (012) (within terminal)
2 Microscleromys p 2 --> (012) (within terminal)
2 Scleromys quadra 2 --> (012) (within terminal)
2 Scleromys angust 2 --> (012) (within terminal)
2 Drytomomys aequa 2 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
2 Dinomys branickei 2 --> (012) (within terminal)
2 Neopiblima ambr 2 --> (012) (within terminal)
2 Chinchilla lani g 2 --> (012) (within terminal)
2 Lagidium viscaci 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
2 Scleromys osborn 2 --> (012) (within terminal)
2 Garri domys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambi ramys shi p 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambi ramys syl v 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
1 Mesocapromys/Mys 2 --> (12) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
```

Hsearch_Consensus.out

2 Ctenomys bolivi e 2 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 2 --> (012) (wi thi n
 termi nal)
 2 Pi thanotomys col 2 --> (012) (wi thi n
 termi nal)
 2 Octodon degus 2 --> (012) (wi thi n
 termi nal)
 2 Spalacopus cyanu 2 --> (012) (wi thi n
 termi nal)
 2 Abrocoma bennett 2 --> (012) (wi thi n
 termi nal)
 1 node_185 2 ==> 1 node_184
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 2 Eobrani samys rom 2 --> (012) (wi thi n
 termi nal)
 2 Eobrani samys jav 2 --> (012) (wi thi n
 termi nal)
 2 Pozomys ucayal ie 2 --> (012) (wi thi n
 termi nal)
 1 Paraphi omys pi go 2 --> (12) (wi thi n termi nal)
 1 Metaphi omys scha 2 --> (12) (wi thi n termi nal)
 1 Acritophi omys bo 2 --> (12) (wi thi n termi nal)
 151 (Lingual proto) 0.400
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_137 0 ==> 1 Australoprocta f
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 node_138 0 ==> 1 Brani samys luri b
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 node_161 0 ==> 1 node_160
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 node_152 1 --> 0 node_151
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambiramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 node_174 0 ==> 1 Protadelphomys l
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Plesiacarechi mys 0 --> (01) (wi thi n termi nal)
 1 node_200 0 ==> 1 node_199
 1 node_203 0 --> 1 node_202
 152 (*Height of th) 0.667
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 1 node_215 1 ==> 2 node_214
 1 Canaani mys maqui 2 --> (12) (wi thi n termi nal)
 2 Brani samyopsi s a 2 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Neosteioromys pat 2 --> terminal)
1 node_130 2 --> 1 node_129
2 Chaetomys subspi 1 --> (012) (with in
terminal)
2 Australoprocta f 2 --> (012) (with in
terminal)
2 Luantus propheti 2 --> (012) (with in
terminal)
2 Asteromys punctu 2 --> (012) (with in
terminal)
2 Dolichotis patag 2 --> (012) (with in
terminal)
2 Hydrochoerus hyd 2 --> (012) (with in
terminal)
2 Cavia aperea 2 --> (012) (with in
terminal)
2 Galea spixii 2 --> (012) (with in
terminal)
2 Perimys intermed 2 --> (012) (with in
terminal)
2 Neoreomys austra 2 --> (012) (with in
terminal)
2 Brani samys luri b 2 --> (012) (with in
terminal)
2 Dasyprocta 2 --> (012) (with in
terminal)
2 Cuniculus paca-t 2 --> (012) (with in
terminal)
2 Eoincamys pascua 2 --> (012) (with in
terminal)
2 Incamys bolivi an 2 --> (012) (with in
terminal)
2 Microscleromys p 2 --> (012) (with in
terminal)
2 Scleromys quadra 2 --> (012) (with in
terminal)
2 Scleromys angust 2 --> (012) (with in
terminal)
2 Drytomomys aequa 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Dinomys branic ki 2 --> (012) (with in
terminal)
2 Neoepiblema ambr 2 --> (012) (with in
terminal)
2 Chinchilla lani g 2 --> (012) (with in
terminal)
2 Lagidium viscaci 2 --> (012) (with in
terminal)
2 Lagostomus maxi m 2 --> (012) (with in
terminal)
2 Scleromys osborn 2 --> (012) (with in
terminal)
2 Garri domys curnu 2 --> (012) (with in
terminal)
2 Eoviscaccia fras 2 --> (012) (with in
terminal)
2 Eoviscaccia aust 2 --> (012) (with in
terminal)
2 Scleromys praecu 2 --> (012) (with in
terminal)
2 Chambi ramys shi p 2 --> (012) (with in
terminal)
2 Eoincamys parvus 2 --> (012) (with in
terminal)

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Hsearch_Consensus.out

2 Chambi ramys syl v 2 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys val ver 2 --> (012) (wi thi n
 termi nal)
 2 Draconomys verai 2 --> (012) (wi thi n
 termi nal)
 2 Leucokephal os ze 2 --> (012) (wi thi n
 termi nal)
 2 Pl atypi ttamys br 2 --> (012) (wi thi n
 termi nal)
 2 Deseadomys aramb 2 --> (012) (wi thi n
 termi nal)
 2 Aca remys muri nus 2 --> (012) (wi thi n
 termi nal)
 2 Sci amys pri nci pa 2 --> (012) (wi thi n
 termi nal)
 2 Gal i leomys euryg 2 --> (012) (wi thi n
 termi nal)
 2 Wi l l i dewu estepa 2 --> (012) (wi thi n
 termi nal)
 2 Prospani omys pri 2 --> (012) (wi thi n
 termi nal)
 2 node_173 2 --> 0 node_171
 2 Spani omys ri pari 0 --> (012) (wi thi n
 termi nal)
 2 Myocastor coypus 0 --> (012) (wi thi n
 termi nal)
 2 Maruchi to tri l of 0 --> (012) (wi thi n
 termi nal)
 2 Thri chomys apere 0 --> (012) (wi thi n
 termi nal)
 2 Echi mys chrysuru 2 --> (012) (wi thi n
 termi nal)
 2 Protadel phomys l 2 --> (012) (wi thi n
 termi nal)
 2 Mesocapromys/Mys 2 --> (012) (wi thi n
 termi nal)
 2 Xenodontomys si m 2 --> (012) (wi thi n
 termi nal)
 2 Ctenomys bol i vie 2 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 2 --> (012) (wi thi n
 termi nal)
 2 Pi thanotomys col 2 --> (012) (wi thi n
 termi nal)
 2 Octodon degus 2 --> (012) (wi thi n
 termi nal)
 2 Spal acopus cyanu 2 --> (012) (wi thi n
 termi nal)
 2 Abrocoma bennett 2 --> (012) (wi thi n
 termi nal)
 2 Adel phomys candi 2 --> (012) (wi thi n
 termi nal)
 2 Prosti chomys bow 2 --> (012) (wi thi n
 termi nal)
 2 Sti chomys regul a 2 --> (012) (wi thi n
 termi nal)
 2 Cavi ocricetus l u 2 --> (012) (wi thi n
 termi nal)
 2 Pl esi acarechi mys 2 --> (012) (wi thi n
 termi nal)
 1 Mayomys confl uen 2 --> (12) (wi thi n termi nal)
 2 Eobrani samys rom 2 --> (012) (wi thi n
 termi nal)
 2 Eobrani samys j av 2 --> (012) (wi thi n
 termi nal)
 2 Pozomys ucayal i e 2 --> (012) (wi thi n
 termi nal)

Hsearch_Consensus.out

153 (Length of the) 0.667

2 Tarapotomys mayo 2 --> (012) (wi thi n
termi nal)

2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)

1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)

1 node_128 0 ==> 1 Protoste i romys m

1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)

1 Austral oprocta f 0 --> (01) (wi thi n termi nal)

1 Asteromys punctu 0 --> (01) (wi thi n termi nal)

1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)

1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)

1 Cavi a aperea 0 --> (01) (wi thi n termi nal)

1 Galea spi xi i 0 --> (01) (wi thi n termi nal)

1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)

1 Brani samys luri b 0 --> (01) (wi thi n termi nal)

1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)

1 node_195 0 ==> 1 node_161

1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)

1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)

1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)

1 Scleromys quadra 1 --> (01) (wi thi n termi nal)

1 Scleromys angust 1 --> (01) (wi thi n termi nal)

1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)

1 Potamarchus muri 1 --> (01) (wi thi n termi nal)

1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)

1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)

1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)

1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)

1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)

1 Scleromys osborn 1 --> (01) (wi thi n termi nal)

1 Garri domys curnu 1 --> (01) (wi thi n termi nal)

1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)

1 Scleromys praecu 1 --> (01) (wi thi n termi nal)

1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)

1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)

1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)

1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)

1 Protadel phomys l 0 --> (01) (wi thi n termi nal)

1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)

1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)

1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)

1 Octodon degus 0 --> (01) (wi thi n termi nal)

1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)

1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)

1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)

1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)

1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)

1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)

1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)

154 (*Orientati on) 0.700

2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)

2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)

1 node_218 0 --> 1 node_217

1 node_118 1 --> 0 Rei throparamys d

1 node_212 1 --> 2 node_211

1 Phi omys hammudai 2 --> (12) (wi thi n termi nal)

2 Brani samyopsi s a 2 --> (012) (wi thi n
termi nal)

1 node_129 2 ==> 1 Hypsoste i romys a

2 Austral oprocta f 2 --> (012) (wi thi n
termi nal)

2 Asteromys punctu 2 --> (012) (wi thi n

Hsearch_Consensus.out

			terminal)
2	Dolichotis patag	2 -->	(012) (with in terminal)
2	Hydrochoerus hyd	2 -->	(012) (with in terminal)
2	Cavia aperea	2 -->	(012) (with in terminal)
2	Galea spixii	2 -->	(012) (with in terminal)
2	Peromys intermed	2 -->	(012) (with in terminal)
2	Braniams luri b	2 -->	(012) (with in terminal)
2	Cuniculus paca-t	2 -->	(012) (with in terminal)
2	Eoincamps pascua	2 -->	(012) (with in terminal)
2	Incamps bolivian	2 -->	(012) (with in terminal)
2	Microscleromys p	2 -->	(012) (with in terminal)
2	Scleromys quadra	2 -->	(012) (with in terminal)
2	Scleromys angust	2 -->	(012) (with in terminal)
2	Drytomomys aequa	2 -->	(012) (with in terminal)
2	Potamarchus muri	2 -->	(012) (with in terminal)
2	Diomys branickei	2 -->	(012) (with in terminal)
2	Neoeplima ambr	2 -->	(012) (with in terminal)
2	Chinchilla lanig	2 -->	(012) (with in terminal)
2	Lagidium viscaci	2 -->	(012) (with in terminal)
2	Lagostomus maxim	2 -->	(012) (with in terminal)
2	Scleromys osborn	2 -->	(012) (with in terminal)
2	Garriomys curnu	2 -->	(012) (with in terminal)
2	Eoviscaccia fras	2 -->	(012) (with in terminal)
2	Scleromys praecu	2 -->	(012) (with in terminal)
2	Chambiramys ship	2 -->	(012) (with in terminal)
2	Eoincamps parvus	2 -->	(012) (with in terminal)
2	Chambiramys sylv	2 -->	(012) (with in terminal)
2	Eoincamps valver	2 -->	(012) (with in terminal)
2	Leucokephalos ze	2 -->	(012) (with in terminal)
2	Deseadomys aramb	2 -->	(012) (with in terminal)
2	Protadelphomys l	2 -->	(012) (with in terminal)
1	Mesocapromys/Mys	2 -->	(12) (with in terminal)
2	Xenodontomys sim	2 -->	(012) (with in terminal)
2	Ctenomys bolivie	2 -->	(012) (with in terminal)
2	Neophanomys bipl	2 -->	(012) (with in terminal)

Hsearch_Consensus.out

2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
2 Octodon degus 2 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal)
1 node_185 2 ==> 1 node_184
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
2 Plesi acarechi mys 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys rom 2 --> (012) (wi thi n
termi nal)
2 Eobrani samys j av 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)
1 Metaphi omys scha 2 --> (12) (wi thi n termi nal)
1 Acri tophi omys bo 2 --> (12) (wi thi n termi nal)
155 (Mure on M1-2) 0.667
1 node_215 0 ==> 1 Chapatti mys wil s
1 node_213 0 --> 1 node_212
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 node_174 1 ==> 0 Euryzygomatomys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
156 (Length of the) 1.000
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 node_215 0 --> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
 157 (Mure on M3) 0.500
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_216 0 --> 1 node_215
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 node_174 1 ==> 0 Euryzygomatomys
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_214 1 --> 0 Baluchi mys barry
 158 (Length of the) 1.000
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 node_212 1 --> 0 node_120
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Pl atypi ttamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Neophanomys bipl 1 --> (01) (wi thi n terminal)
 1 Octodon degus 1 --> (01) (wi thi n terminal)
 1 Plestiacarechi mys 1 --> (01) (wi thi n terminal)
 1 Tarapotomys suba 1 --> (01) (wi thi n terminal)
 1 Baluchimys barry 1 --> (01) (wi thi n terminal)
 159 (*Height of th) 0.667
 2 Archetypomys erl 1 --> (012) (wi thi n terminal)
 2 Tribosphenomys m 1 --> (012) (wi thi n terminal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n terminal)
 2 Reithroparamys d 1 --> (012) (wi thi n terminal)
 2 Birbalomys sonda 1 --> (012) (wi thi n terminal)
 2 Tamquammys di spi 1 --> (012) (wi thi n terminal)
 1 node_215 1 --> 2 node_214
 1 node_212 2 --> 1 node_120
 1 Bugtimys zafarul 1 --> (12) (wi thi n terminal)
 1 Neosteironomys pat 2 --> (12) (wi thi n terminal)
 2 Chaetomys subspi 2 --> (012) (wi thi n terminal)
 2 Asteromys punctu 2 --> (012) (wi thi n terminal)
 2 Dolichotis patag 2 --> (012) (wi thi n terminal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n terminal)
 2 Cavia aperea 2 --> (012) (wi thi n terminal)
 2 Galea spixii 2 --> (012) (wi thi n terminal)
 2 Perimys intermed 2 --> (012) (wi thi n terminal)
 2 Neoreomys austra 2 --> (012) (wi thi n terminal)
 2 Cuniculus paca-t 2 --> (012) (wi thi n terminal)
 2 Microscleromys p 2 --> (012) (wi thi n terminal)
 2 Scleromys quadra 2 --> (012) (wi thi n terminal)
 2 Scleromys angust 2 --> (012) (wi thi n terminal)
 2 Drytomomys aequa 2 --> (012) (wi thi n terminal)
 2 Potamarchus muri 2 --> (012) (wi thi n terminal)
 2 Dinomys branicki 2 --> (012) (wi thi n terminal)
 2 Neoepiblema ambr 2 --> (012) (wi thi n terminal)
 2 Chinchilla lani g 2 --> (012) (wi thi n terminal)
 2 Lagidium viscaci 2 --> (012) (wi thi n terminal)
 2 Lagostomus maxi m 2 --> (012) (wi thi n terminal)
 2 Scleromys osborn 2 --> (012) (wi thi n terminal)
 2 Eoviscaccia fras 2 --> (012) (wi thi n terminal)
 2 Eoviscaccia aust 2 --> (012) (wi thi n terminal)
 2 Scleromys praecu 2 --> (012) (wi thi n terminal)
 2 Leucokephalos ze 2 --> (012) (wi thi n terminal)

Hsearch_Consensus.out

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2 Deseadomys aramb 2 --> terminal
2 Acaremys murinus 2 --> (012) (with terminal)
2 Sci amys pri nci pa 2 --> (012) (with terminal)
2 Gal ileomys euryg 2 --> (012) (with terminal)
2 Wi lli dewu estepa 2 --> (012) (with terminal)
2 node_188 2 --> 0 node_187
2 Prospani omys pri 0 --> (012) (with terminal)
2 Spani omys ri pari 0 --> (012) (with terminal)
2 Maruchi to tri lof 0 --> (012) (with terminal)
2 Thri chomys apere 0 --> (012) (with terminal)
2 Protadel phomys l 0 --> (012) (with terminal)
2 Euryzygomatomys 0 --> (012) (with terminal)
2 Mesocapromys/Mys 0 --> (012) (with terminal)
2 Xenodontomys sim 0 --> (012) (with terminal)
2 Ctenomys bol i vie 0 --> (012) (with terminal)
2 Neophanomys bi pl 0 --> (012) (with terminal)
2 Pi thanotomys col 0 --> (012) (with terminal)
2 Octodon degus 0 --> (012) (with terminal)
2 Spal acopus cyanu 0 --> (012) (with terminal)
2 Abrocoma bennett 0 --> (012) (with terminal)
2 Adel phomys candi 0 --> (012) (with terminal)
2 Prosti chomys bow 0 --> (012) (with terminal)
2 Sti chomys regul a 0 --> (012) (with terminal)
2 Cavi ocricetus lu 2 --> (012) (with terminal)
2 Ple si acarechi mys 2 --> (012) (with terminal)
2 Pozomys ucayal ie 2 --> (012) (with terminal)
2 Tarapotomys suba 2 --> (012) (with terminal)
2 Bal uchi mys barry 2 --> (012) (with terminal)
160 (Mure-protolop) 0.500
1 Archetypomys erl 0 --> (01) (with terminal)
1 Tri bosphenomys m 0 --> (01) (with terminal)
1 Cocomys ligchaen 0 --> (01) (with terminal)
1 Rei throparamys d 0 --> (01) (with terminal)
1 Bi rbal omys sonda 0 --> (01) (with terminal)
1 Tamquammys di spi 0 --> (01) (with terminal)
1 node_213 0 --> 1 node_212
1 node_120 1 --> 0 node_119
1 Chaetomys subspi 1 --> (01) (with terminal)
1 Asteromys punctu 1 --> (01) (with terminal)
1 Dol ichotis patag 1 --> (01) (with terminal)
1 Hydrochoerus hyd 1 --> (01) (with terminal)

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Hsearch_Consensus.out

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1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
161 (Metaconule on) 1.000 1 node_212 0 ==> 1 node_211
1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
162 (Development o) 1.000 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 node_215 0 ==> 1 node_214
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branickei 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platyptamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eosal l amys paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 node_215 0 ==> 1 node_214
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Braniamys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
 1 Neopiblerama ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
 1 Sci amys principa 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata didelph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Plesiacarechymys 1 --> (01) (within terminal)
 1 Sallamys pascual 1 --> (01) (within terminal)
 1 Mayomys confluen 1 --> (01) (within terminal)
 1 Eosallamys paula 1 --> (01) (within terminal)
 1 Shapajamys laboc 1 --> (01) (within terminal)
 1 Eobranisamys rom 1 --> (01) (within terminal)
 1 Eobranisamys jav 1 --> (01) (within terminal)
 1 Pozomys ucayalie 1 --> (01) (within terminal)
 1 Tarapotomys mayo 1 --> (01) (within terminal)
 1 Tarapotomys suba 1 --> (01) (within terminal)
 1 Cachiyacuy kumme 1 --> (01) (within terminal)
 1 Thryonomys swind 1 --> (01) (within terminal)
 1 Paraphiomys pigo 1 --> (01) (within terminal)
 1 Metaphiomys scha 1 --> (01) (within terminal)
 1 Acritophiomys bo 1 --> (01) (within terminal)
 1 Archetypomys erl 1 --> (01) (within terminal)
 164 (Mesostyle on) 0.625
 1 node_219 1 --> 0 Tribosphenomys m
 1 node_216 1 ==> 0 Tamquammys dispi
 1 Ottomaniaproavi 1 --> (01) (within terminal)
 1 Dolichotis patag 1 --> (01) (within terminal)
 1 Hydrochoerus hyd 1 --> (01) (within terminal)
 1 Cavia aperea 1 --> (01) (within terminal)
 1 Galea spixii 1 --> (01) (within terminal)
 1 Neopiblema ambr 1 --> (01) (within terminal)
 1 Chinchilla lanig 1 --> (01) (within terminal)
 1 Lagidium viscaci 1 --> (01) (within terminal)
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Eoviscaccia aust 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 Leucokephalos ze 1 --> (01) (within terminal)
 1 Mesocapromys/Mys 1 --> (01) (within terminal)
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivie 1 --> (01) (within terminal)
 1 Neophanomys bipl 1 --> (01) (within terminal)
 1 Pi thanotomys col 1 --> (01) (within terminal)
 1 Octodon degus 1 --> (01) (within terminal)
 1 Spalacopus cyanu 1 --> (01) (within terminal)
 1 Abrocoma bennett 1 --> (01) (within terminal)
 1 node_209 1 --> 0 node_208
 1 Paraphiomys pigo 0 --> (01) (within terminal)
 1 Metaphiomys scha 1 --> (01) (within terminal)
 1 node_214 1 ==> 0 Baluchimys barry
 165 (Mesostyle on) 0.750
 1 Archetypomys erl 1 --> (01) (within terminal)
 1 Tribosphenomys m 1 --> (01) (within terminal)
 1 Dolichotis patag 1 --> (01) (within terminal)
 1 Hydrochoerus hyd 1 --> (01) (within terminal)
 1 Cavia aperea 1 --> (01) (within terminal)
 1 Galea spixii 1 --> (01) (within terminal)
 1 Perimys intermed 1 --> (01) (within terminal)
 1 Microscleromys p 1 --> (01) (within terminal)
 1 Scleromys quadra 1 --> (01) (within terminal)
 1 Scleromys angust 1 --> (01) (within terminal)
 1 Chinchilla lanig 1 --> (01) (within terminal)
 1 Lagidium viscaci 1 --> (01) (within terminal)
 1 Lagostomus maxim 1 --> (01) (within terminal)
 1 Garri domys curnu 1 --> (01) (within terminal)
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Scleromys praecu 1 --> (01) (within terminal)
 1 Chambi ramys ship 1 --> (01) (within terminal)
 1 Chambi ramys sylv 1 --> (01) (within terminal)
 1 Leucokephalos ze 1 --> (01) (within terminal)
 1 Acaremys murinus 1 --> (01) (within terminal)
 1 Mesocapromys/Mys 1 --> (01) (within terminal)
 1 Xenodontomys sim 1 --> (01) (within terminal)
 1 Ctenomys bolivie 1 --> (01) (within terminal)
 1 Neophanomys bipl 1 --> (01) (within terminal)
 1 Pi thanotomys col 1 --> (01) (within terminal)

Hsearch_Consensus.out

1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_209 1 --> 0 node_208
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 node_214 1 ==> 0 Bal uchi mys barry
 166 (*Devel opment) 0.545
 2 Tri bosphenomys m 0 --> (012) (wi thi n termi nal)
 2 Tamquammys di spi 0 --> (012) (wi thi n termi nal)
 1 node_207 0 ==> 1 node_206
 1 node_124 1 --> 2 node_123
 1 Brani samyopsi s a 2 --> (12) (wi thi n termi nal)
 1 node_130 1 ==> 2 node_129
 2 Asteromys punctu 1 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 1 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n termi nal)
 2 Cavi a aperea 1 --> (012) (wi thi n termi nal)
 2 Galea spi xi i 1 --> (012) (wi thi n termi nal)
 1 node_140 1 --> 2 node_139
 2 Dasyprocta 2 --> (012) (wi thi n termi nal)
 2 Scl eromys angust 1 --> (012) (wi thi n termi nal)
 2 Drytomomys aequa 1 --> (012) (wi thi n termi nal)
 2 Potamarchus muri 1 --> (012) (wi thi n termi nal)
 2 Di nomys brani cki 1 --> (012) (wi thi n termi nal)
 2 Neoepi blema ambr 1 --> (012) (wi thi n termi nal)
 2 Chi nchi lla lani g 1 --> (012) (wi thi n termi nal)
 2 Lagi di um vi scaci 1 --> (012) (wi thi n termi nal)
 2 Lagostomus maxi m 1 --> (012) (wi thi n termi nal)
 2 Scl eromys osborn 1 --> (012) (wi thi n termi nal)
 1 node_152 1 ==> 2 Garri domys curnu
 2 Eovi scacci a fras 1 --> (012) (wi thi n termi nal)
 2 Scl eromys praecu 1 --> (012) (wi thi n termi nal)
 2 Leucokephal os ze 1 --> (012) (wi thi n termi nal)
 1 node_193 1 ==> 2 node_192
 1 Pl atypi ttamys br 2 --> (12) (wi thi n termi nal)
 1 Deseadomys aramb 2 --> (12) (wi thi n termi nal)
 1 Prospani omys pri 2 --> (12) (wi thi n termi nal)
 2 Spani omys ri pari 2 --> (012) (wi thi n termi nal)
 2 Echi mys chrysuru 2 --> (012) (wi thi n termi nal)
 1 node_174 2 ==> 1 Protadel phomys l
 2 Mesocapromys/Mys 2 --> (012) (wi thi n termi nal)
 2 Xenodontomys si m 2 --> (012) (wi thi n termi nal)

Hsearch_Consensus.out

2 Ctenomys boliviense 2 --> (012) (with terminal)
2 Neophanomys bipartitus 2 --> (012) (with terminal)
2 Pithanotomys colsoni 2 --> (012) (with terminal)
2 Octodon degus 2 --> (012) (with terminal)
2 Spalacopus cyanus 2 --> (012) (with terminal)
2 Abrocoma bennetti 2 --> (012) (with terminal)
2 Thryonomys swindobornei 0 --> (012) (with terminal)
2 Baluchimys barryi 0 --> (012) (with terminal)
167 (*Height of th) 0.750 2 Tribosphenomys mitchelli 0 --> (012) (with terminal)
2 Tamquammys dispiratus 0 --> (012) (with terminal)
1 node_207 0 ==> 1 node_206
2 Chaetomys subspinosus 1 --> (012) (with terminal)
2 Dolichotis patagonica 1 --> (012) (with terminal)
2 Hydrochoerus hydrochaeris 1 --> (012) (with terminal)
2 Cavia aperea 1 --> (012) (with terminal)
2 Galea spixii 1 --> (012) (with terminal)
2 Peromyscus intermedius 1 --> (012) (with terminal)
2 Microscleromys persicus 1 --> (012) (with terminal)
2 Scleromys angustirostris 1 --> (012) (with terminal)
2 Drytomomys aequalis 1 --> (012) (with terminal)
2 Potamarchus murinus 1 --> (012) (with terminal)
2 Dinomys branickii 1 --> (012) (with terminal)
2 Neoepiblema ambracensis 1 --> (012) (with terminal)
2 Chinchilla lanigera 1 --> (012) (with terminal)
2 Lagidium viscacia 1 --> (012) (with terminal)
2 Lagostomus maximus 1 --> (012) (with terminal)
2 Scleromys osborni 1 --> (012) (with terminal)
2 Garridomys curnuensis 1 --> (012) (with terminal)
2 Eoviscaccia frasca 1 --> (012) (with terminal)
2 Scleromys praecursor 1 --> (012) (with terminal)
2 Leucokephalos zealandicus 1 --> (012) (with terminal)
1 node_193 1 --> 2 node_192
1 Platypus tamaribus 2 --> (12) (with terminal)
2 Deseadomys aramburui 2 --> (012) (with terminal)
1 node_167 2 --> 1 Willidewu estepa
2 Prospaniomyia priodonta 2 --> (012) (with terminal)

Hsearch_Consensus.out

```
2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal )
2 Maruchi to tri l of 2 --> (012) (wi thi n
termi nal )
2 Echi mys chrysuru 2 --> (012) (wi thi n
termi nal )
2 Makal ata di del ph 2 --> (012) (wi thi n
termi nal )
2 Protadel phomys l 2 --> (012) (wi thi n
termi nal )
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal )
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal )
2 Ctenomys bol i vi e 2 --> (012) (wi thi n
termi nal )
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal )
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal )
2 Octodon degus 2 --> (012) (wi thi n
termi nal )
2 Spal acopus cyanu 2 --> (012) (wi thi n
termi nal )
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal )
2 Adel phomys candi 2 --> (012) (wi thi n
termi nal )
2 Prosti chomys bow 2 --> (012) (wi thi n
termi nal )
2 Sti chomys regul a 2 --> (012) (wi thi n
termi nal )
2 Pampamys emmonsa 2 --> (012) (wi thi n
termi nal )
2 Pozomys ucayal i e 1 --> (012) (wi thi n
termi nal )
2 Thryonomys swi nd 0 --> (012) (wi thi n
termi nal )
2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal )
168 (*Posi ti on of ) 0.375 2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal )
1 node_207 0 ==> 1 node_206
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal )
1 node_129 1 ==> 0 Chaetomys subspi
2 Dol i choti s patag 1 --> (012) (wi thi n
termi nal )
2 Hydrochoerus hyd 1 --> (012) (wi thi n
termi nal )
2 Cavi a aperea 1 --> (012) (wi thi n
termi nal )
2 Gale a spi xi i 1 --> (012) (wi thi n
termi nal )
2 Neoepi bl ema ambr 1 --> (012) (wi thi n
termi nal )
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
termi nal )
2 Lagi di um vi scaci 1 --> (012) (wi thi n
termi nal )
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal )
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal )
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal )
2 Leucokephal os ze 1 --> (012) (wi thi n
termi nal )
1 node_194 1 ==> 2 node_193
```

Hsearch_Consensus.out

1	node_186	2	-->	1	node_183	
1	node_174	1	==>	0	Euryzgomatomys	
2	Mesocapromys/Mys	1	-->	(012)	(wi thi n termi nal)	
2	Xenodontomys sim	1	-->	(012)	(wi thi n termi nal)	
2	Ctenomys bol i vie	1	-->	(012)	(wi thi n termi nal)	
2	Neophanomys bi pl	1	-->	(012)	(wi thi n termi nal)	
2	Pi thanotomys col	1	-->	(012)	(wi thi n termi nal)	
2	Octodon degus	1	-->	(012)	(wi thi n termi nal)	
2	Spalacopus cyanu	1	-->	(012)	(wi thi n termi nal)	
2	Abrocoma bennett	1	-->	(012)	(wi thi n termi nal)	
1	node_189	2	==>	1	Pampamys emmonsa	
2	Thryonomys swi nd	0	-->	(012)	(wi thi n termi nal)	
1	node_211	0	==>	1	Acri tophi omys bo	
2	Bal uchi mys barry	0	-->	(012)	(wi thi n termi nal)	
169 (Anterior isol) 0.778	1	Tri bosphenomys m	0	-->	(01) (wi thi n termi nal)	
	1	Bi rbal omys sonda	0	-->	(01) (wi thi n termi nal)	
	1	Tamquammys di spi	0	-->	(01) (wi thi n termi nal)	
	1	node_215	0	==>	1	Chapattimys wil s
	1	node_212	0	-->	1	node_120
	1	Bugti mys zafarul	1	-->	(01) (wi thi n termi nal)	
	1	Hodsahi bi a azrae	1	-->	(01) (wi thi n termi nal)	
	1	Phi omys hammudai	0	-->	(01) (wi thi n termi nal)	
	1	node_123	0	==>	1	Neosteioromys pat
	1	Asteromys punctu	0	-->	(01) (wi thi n termi nal)	
	1	Dol ichotis patag	0	-->	(01) (wi thi n termi nal)	
	1	Hydrochoerus hyd	0	-->	(01) (wi thi n termi nal)	
	1	Cavia aperea	0	-->	(01) (wi thi n termi nal)	
	1	Galea spi xi i	0	-->	(01) (wi thi n termi nal)	
	1	Dasyprocta	0	-->	(01) (wi thi n termi nal)	
	1	Neoepi blema ambr	0	-->	(01) (wi thi n termi nal)	
	1	Chi nchi lla lani g	0	-->	(01) (wi thi n termi nal)	
	1	Lagi di um vi scaci	0	-->	(01) (wi thi n termi nal)	
	1	Lagostomus maxi m	0	-->	(01) (wi thi n termi nal)	
	1	Eovi scacci a fras	0	-->	(01) (wi thi n termi nal)	
	1	Scleromys praecu	0	-->	(01) (wi thi n termi nal)	
	1	Leucokephalos ze	0	-->	(01) (wi thi n termi nal)	
	1	Mesocapromys/Mys	0	-->	(01) (wi thi n termi nal)	
	1	Xenodontomys sim	0	-->	(01) (wi thi n termi nal)	
	1	Ctenomys bol i vie	0	-->	(01) (wi thi n termi nal)	
	1	Neophanomys bi pl	0	-->	(01) (wi thi n termi nal)	
	1	Pi thanotomys col	0	-->	(01) (wi thi n termi nal)	
	1	Octodon degus	0	-->	(01) (wi thi n termi nal)	
	1	Spalacopus cyanu	0	-->	(01) (wi thi n termi nal)	
	1	Abrocoma bennett	0	-->	(01) (wi thi n termi nal)	
	1	Thryonomys swi nd	0	-->	(01) (wi thi n termi nal)	
	1	Paraphi omys pi go	0	-->	(01) (wi thi n termi nal)	
	1	Acri tophi omys bo	0	-->	(01) (wi thi n termi nal)	
	1	Bal uchi mys barry	0	-->	(01) (wi thi n termi nal)	
170 (Anterior conn) 1.000	1	Archetypomys erl	0	-->	(01) (wi thi n termi nal)	
	1	Tri bosphenomys m	0	-->	(01) (wi thi n termi nal)	
	1	Cocomys ligchaen	0	-->	(01) (wi thi n termi nal)	
	1	Rei throparamys d	0	-->	(01) (wi thi n termi nal)	
	1	Tamquammys di spi	0	-->	(01) (wi thi n termi nal)	
	1	Ottomani a proavi	0	-->	(01) (wi thi n termi nal)	
	1	'Waslamys' attia	0	-->	(01) (wi thi n termi nal)	
	1	Cachi yacuy conta	0	-->	(01) (wi thi n termi nal)	
	1	Eoespi na woodi -E	0	-->	(01) (wi thi n termi nal)	
	1	Canaani mys maqui	0	-->	(01) (wi thi n termi nal)	

Hsearch_Consensus.out

1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bol i vi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys princi pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Wi lli dewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spaniomys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tri lof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys si m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol i vi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spal acopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

171 (Posterior iso) 0.640

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1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 Chapattimys wils
1 node_212 0 --> 1 node_120
1 Bugtimys zafaral 1 --> (01) (wi thi n termi nal)
1 Hodsahibia azrae 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_123 0 ==> 1 Neosteomys pat
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 node_127 0 ==> 1 Steiomys detent
1 Hyposteomys a 0 --> (01) (wi thi n termi nal)
1 Palaeosteomys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_197
1 node_142 1 ==> 0 Incamys bolivian
1 node_153 1 --> 0 node_150
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 node_188 1 --> 0 node_187
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_193 1 ==> 0 Sal lamys pascual
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cunicul us paca-t 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys branci ki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 node_189 0 --> 1 node_188
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)

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172 (Posterior con) 1.000

Hsearch_Consensus.out

1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 Cocomys ligchaen
 1 node_118 0 --> 1 Birbalomys sonda
 1 node_215 0 --> 1 Chapattimys wils
 1 node_212 0 --> 1 node_120
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 node_205 0 --> 1 node_122
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 node_124 0 ==> 1 node_123
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_138 0 ==> 1 Brani samys luri b
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 node_198 0 --> 1 node_197
 1 node_156 1 ==> 0 Eoincamys pascua
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 node_153 1 --> 0 node_150
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)

173 (Anterior arm) 0.520

Hsearch_Consensus.out

1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Eoviscaccia aust 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 node_158 1 ==> 0 Eoincamys parvus
 1 Eoincamys ameghi 1 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Sci amys pri nci pa 1 --> (01) (with in terminal)
 1 node_165 1 ==> 0 Gal ileomys euryg
 1 node_192 1 ==> 0 node_191
 1 Prospani omys pri 0 --> (01) (with in terminal)
 1 Spani omys ri pari 0 --> (01) (with in terminal)
 1 Proechi mys cuvie 0 --> (01) (with in terminal)
 1 Maruchi to tril of 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echi mys chrysuru 0 --> (01) (with in terminal)
 1 Protadel phomys l 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bol ivie 0 --> (01) (with in terminal)
 1 Neophanomys bi pl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adel phomys candi 0 --> (01) (with in terminal)
 1 Prosti chomys bow 0 --> (01) (with in terminal)
 1 Sti chomys regul a 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Eosall amys paul a 1 --> (01) (with in terminal)
 1 Shapaj amys laboc 0 --> (01) (with in terminal)
 1 Pozomys ucayal ie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Thryonomys swi nd 0 --> (01) (with in terminal)
 1 Paraphi omys pi go 0 --> (01) (with in terminal)
 1 Baluchi mys barry 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 node_218 0 ==> 1 Cocomys ligchaen
 1 Bi rbal omys sonda 0 --> (01) (with in terminal)
 1 node_215 0 ==> 1 Chapatti mys wil s
 1 node_212 0 --> 1 node_120
 1 Bugti mys zafarul 1 --> (01) (with in terminal)
 1 Hodsahi bi a azrae 1 --> (01) (with in terminal)
 1 Phi omys hammudai 0 --> (01) (with in terminal)
 1 node_206 0 --> 1 node_205
 1 Cachi yacuy conta 1 --> (01) (with in terminal)
 1 Eoespi na woodi -E 1 --> (01) (with in terminal)
 1 node_198 1 --> 0 node_141
 1 Protostei romys m 0 --> (01) (with in terminal)
 1 node_124 0 ==> 1 node_123
 1 Erethi zon dorsat 0 --> (01) (with in terminal)
 1 Hypsostei romys a 0 --> (01) (with in terminal)
 1 Chaetomys subspi 0 --> (01) (with in terminal)
 1 Pal aeostei romys 0 --> (01) (with in terminal)
 1 Austral oprocta f 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dol ichoti s patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavi a aperea 0 --> (01) (with in terminal)
 1 Galea spi xi i 0 --> (01) (with in terminal)
 1 Peri mys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 node_138 0 ==> 1 Brani samys luri b
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 node_156 1 ==> 0 Eoincamys pascua
 1 Mi croscleromys p 1 --> (01) (with in terminal)

Hsearch_Consensus.out

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1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1   node_149 1 --> 0 node_148
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1   node_158 1 ==> 0 Eoi ncamys parvus
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1   node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1   node_192 0 --> 1 node_167
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1   node_173 0 --> 1 node_172
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1   node_200 1 --> 0 node_199
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1   node_202 1 --> 0 Tarapotomys suba
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1   node_215 0 ==> 1 node_214
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1   node_157 1 ==> 0 Chambi ramys shi p
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)

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175 (Thi rd crest ()) 0.333

Hsearch_Consensus.out

176 (Third crest ()) 0.667

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1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 node_208 1 ==> 0 Thryonomys swi nd
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_214 0 ==> 1 node_213
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Microsscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 node_208 1 ==> 0 Thryonomys swi nd
177 (Mesolophule o) 0.583
1 node_215 0 ==> 1 node_214
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Steiromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 node_195 1 ==> 0 node_161
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 node_192 1 --> 0 node_167
1 node_166 0 --> 1 node_163
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomyx ri pari 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomyx apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 node_176 1 --> 0 node_175
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomyx candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomyx bow 1 --> (01) (wi thi n termi nal)
 1 Pampamyx emmonsa 1 --> (01) (wi thi n termi nal)
 1 Sall amyx pascual 1 --> (01) (wi thi n termi nal)
 1 Eobranisamyx rom 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_208 1 ==> 0 Thryonomys swi nd
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_214 0 ==> 1 node_213
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 node_128 1 ==> 0 Protosteir omys m
 1 Eosteir omys homo 1 --> (01) (wi thi n termi nal)
 1 Neosteir omys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Steir omys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsosteir omys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeosteir omys 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 node_160 1 --> 0 node_159
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
 1 Sci amyx pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Prospaniomyx pri 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomyx apere 1 --> (01) (wi thi n termi nal)

178 (Mesol ophul e o) 0.583

Hsearch_Consensus.out

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1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1     node_176 1 --> 0 node_175
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1     Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1     node_199 1 ==> 0 Eobrani samys rom
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1     node_208 1 ==> 0 Thryonomys swi nd
179 (*Length of th) 0.680
2 Archetypomys erl 1 --> (012) (wi thi n
    termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
    termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
    termi nal)
2 Rei throparamys d 1 --> (012) (wi thi n
    termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
    termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
    termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
    termi nal)
1 Ottomani a proavi 1 --> (12) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (12) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (12) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (12) (wi thi n termi nal)
1     node_209 1 ==> 0 node_207
2 Canaani mys maqui 0 --> (012) (wi thi n
    termi nal)
1     node_201 0 --> 1 node_198
1     node_126 1 --> 0 node_124
2 Eoste i romys homo 0 --> (012) (wi thi n
    termi nal)
2 Neoste i romys pat 0 --> (012) (wi thi n
    termi nal)
2 Erethi zon dorsat 1 --> (012) (wi thi n
    termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
    termi nal)
1     node_130 1 --> 0 node_129
2 Chaetomys subspi 0 --> (012) (wi thi n
    termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
2 Luantus propheti 1 --> (012) (wi thi n
    termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
    termi nal)
2 Dol i choti s patag 1 --> (012) (wi thi n
    termi nal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
    termi nal)
2     Cavi a aperea 1 --> (012) (wi thi n
    termi nal)
2     Gal ea spi xi i 1 --> (012) (wi thi n
    termi nal)

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Hsearch_Consensus.out

2 Perimys intermed 1 --> (012) (withi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
2 Cuniculus paca-t 1 --> (012) (wi thi n
termi nal)
1 node_196 1 --> 0 node_195
2 Eoincamys pascua 0 --> (012) (wi thi n
termi nal)
2 Microscleromys p 0 --> (012) (wi thi n
termi nal)
2 Scleromys quadra 0 --> (012) (wi thi n
termi nal)
2 Scleromys angust 0 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 0 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)
2 Dinomys brani cki 0 --> (012) (wi thi n
termi nal)
2 Neoepl emma ambr 0 --> (012) (wi thi n
termi nal)
2 Chinchilla lani g 0 --> (012) (wi thi n
termi nal)
2 Lagidium vi scaci 0 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
termi nal)
2 Scleromys osborn 0 --> (012) (wi thi n
termi nal)
2 Garri domys curnu 0 --> (012) (wi thi n
termi nal)
2 Eoviscaccia fras 0 --> (012) (wi thi n
termi nal)
2 Eoviscaccia aust 0 --> (012) (wi thi n
termi nal)
2 Scleromys praecu 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
termi nal)
2 Eoincamys parvus 0 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
termi nal)
1 node_194 0 --> 1 node_162
2 Leucocephal oS ze 1 --> (012) (wi thi n
termi nal)
1 node_167 0 --> 1 node_166
2 Deseadomys aramb 1 --> (012) (wi thi n
termi nal)
2 Acaremys muri nus 1 --> (012) (wi thi n
termi nal)
2 Sci amys pri nci pa 1 --> (012) (wi thi n
termi nal)
2 Galileomys euryg 1 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 0 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 0 --> (012) (wi thi n
termi nal)
2 Thri chomys apere 0 --> (012) (wi thi n
termi nal)
1 node_173 0 --> 1 node_172
2 Echi mys chrysuru 1 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 0 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Euryzygomatomys 0 --> terminal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 0 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
terminal)
2 Octodon degus 0 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 0 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
terminal)
2 Adelphomys candi 0 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
terminal)
2 node_190 0 ==> 2 Cavi ocricetus I u
2 Ple si acarechi mys 0 --> (012) (wi thi n
terminal)
1 Mayomys confl uen 1 --> (12) (wi thi n termi nal)
1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
terminal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
terminal)
1 Metaphi omys scha 1 --> (12) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (12) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_207
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys i ntermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys I uri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi l l a l ani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 node_157 1 ==> 0 Chambi ramys shi p

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180 (Mesoloph on M) 0.800

Hsearch_Consensus.out

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1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echiomys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus ruigomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 node_190 1 ==> 0 Caviocricetus lu
1 Plestiacarechimy 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtymys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 node_209 0 ==> 1 node_207
1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Bransamys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sciomyis principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )

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181 (Mesolophon M) 0.889

Hsearch_Consensus.out

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1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_190 1 ==> 0 Cavi ocricetus Lu
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys li gchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
1 node_212 0 --> 1 node_120
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 1 --> (012) (wi thi n
termi nal)
1 node_210 0 --> 1 node_209
2 Eoste i romys homo 1 --> (012) (wi thi n
termi nal)
2 Neoste i romys pat 1 --> (012) (wi thi n
termi nal)
1 node_126 1 --> 0 node_125
2 Erethi zon dorsat 0 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 1 --> (012) (wi thi n
termi nal)
1 node_141 1 ==> 0 Pal aeoste i romys
2 Luantus propheti 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
2 Dol i choti s patag 1 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 1 --> (012) (wi thi n
termi nal)

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182 (*Length of th) 0.625

Hsearch_Consensus.out

2	Galea spixii	1	-->	(012)	(wi thin terminal)
2	Perimys intermed	1	-->	(012)	(wi thin terminal)
2	Neoreomys austra	1	-->	(012)	(wi thin terminal)
1	Brani samys luri b	1	-->	(01)	(wi thin terminal)
2	Dasyprocta	1	-->	(012)	(wi thin terminal)
2	Cuniculus paca-t	1	-->	(012)	(wi thin terminal)
2	Incamys bolivi an	1	-->	(012)	(wi thin terminal)
2	Chinchilla lani g	1	-->	(012)	(wi thin terminal)
2	Lagidium vi scaci	1	-->	(012)	(wi thin terminal)
2	Lagostomus maxi m	1	-->	(012)	(wi thin terminal)
2	Eoviscaccia fras	1	-->	(012)	(wi thin terminal)
2	Scleromys praecu	1	-->	(012)	(wi thin terminal)
2	Chambiramys shi p	1	-->	(012)	(wi thin terminal)
1	Eoincamys val ver	1	-->	(01)	(wi thin terminal)
2	Leucokephalos ze	1	-->	(012)	(wi thin terminal)
1	node_166	1	-->	0	node_163
2	Deseadomys aramb	0	-->	(012)	(wi thin terminal)
1	node_166	1	-->	2	node_165
2	Galileomys euryg	2	-->	(012)	(wi thin terminal)
1	Willidewu estepa	1	-->	(01)	(wi thin terminal)
2	Prospaniomys pri	1	-->	(012)	(wi thin terminal)
2	Maruchito trilof	1	-->	(012)	(wi thin terminal)
2	Thrichomys apere	1	-->	(012)	(wi thin terminal)
1	node_173	1	-->	0	node_172
2	Echymys chrysuru	0	-->	(012)	(wi thin terminal)
2	Euryzygomatomys	1	-->	(012)	(wi thin terminal)
2	Mesocapromys/Mys	1	-->	(012)	(wi thin terminal)
2	Xenodontomys sim	1	-->	(012)	(wi thin terminal)
2	Ctenomys bolivi e	1	-->	(012)	(wi thin terminal)
2	Neophanomys bi pl	1	-->	(012)	(wi thin terminal)
2	Pi thanotomys col	1	-->	(012)	(wi thin terminal)
2	Octodon degus	1	-->	(012)	(wi thin terminal)
2	Spalacopus cyanu	1	-->	(012)	(wi thin terminal)
2	Abrocoma bennett	1	-->	(012)	(wi thin terminal)
2	Adelphomys candi	1	-->	(012)	(wi thin terminal)
2	Prostichomys bow	1	-->	(012)	(wi thin terminal)
2	Dudumus rui gomez	1	-->	(012)	(wi thin terminal)

Hsearch_Consensus.out

2 Pampamys emmonsa 1 --> (012) (wi thi n
termi nal)

2 Cavi ocricetus lu 1 --> (012) (wi thi n
termi nal)

2 Plesi acarechi mys 1 --> (012) (wi thi n
termi nal)

1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)

1 node_196 1 ==> 0 Mayomys confluen

2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)

2 Thryonomys swi nd 1 --> (012) (wi thi n
termi nal)

2 Paraphi omys pi go 1 --> (012) (wi thi n
termi nal)

2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)

183 (Lingual conne) 0.810

1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)

1 Coendou prehensi 1 --> (01) (wi thi n termi nal)

1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)

1 Dasyprocta 1 --> (01) (wi thi n termi nal)

1 node_195 1 ==> 0 node_161

1 node_160 0 ==> 4 node_159

3 Incamys bol i vi an 4 --> (0124) (wi thi n
termi nal)

1 Mi croscleromys p 4 --> (04) (wi thi n termi nal)

1 node_143 4 ==> 0 Scl eromys quadra

1 node_145 4 ==> 0 Di nomys brani cki

1 Chambi ramys syl v 4 --> (24) (wi thi n termi nal)

1 Eoi ncamys val ver 0 --> (03) (wi thi n termi nal)

1 node_166 1 --> 5 node_165

1 node_167 1 ==> 0 Wi lli dewu estepa

1 node_176 1 --> 4 node_175

2 Sal lamys pascual 1 --> (014) (wi thi n
termi nal)

1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)

1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)

1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)

1 Rei throparamys d 0 --> (01) (wi thi n termi nal)

1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)

1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)

1 Chapattimys wils 0 --> (01) (wi thi n termi nal)

1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)

1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)

1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)

1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)

1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)

1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)

1 node_122 0 ==> 1 Canaani mys maqui

1 Eostei romys homo 0 --> (01) (wi thi n termi nal)

1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)

1 Stei romys detent 0 --> (01) (wi thi n termi nal)

1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)

1 Luantus propheti 0 --> (01) (wi thi n termi nal)

1 Asteromys punctu 0 --> (01) (wi thi n termi nal)

1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)

1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)

1 Cavia aperea 0 --> (01) (wi thi n termi nal)

1 Galea spi xi i 0 --> (01) (wi thi n termi nal)

1 Peri mys intermed 0 --> (01) (wi thi n termi nal)

1 Neoreomys austra 0 --> (01) (wi thi n termi nal)

1 Dasyprocta 0 --> (01) (wi thi n termi nal)

1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)

1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)

1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)

1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 185 (Lingual conne) 0.688
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 node_141 1 --> 0 node_130
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (13) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 node_160 1 --> 4 node_159
 2 Incamys bolivi an 4 --> (034) (wi thi n termi nal)
 1 node_149 4 ==> 0 node_148
 1 node_144 0 ==> 4 Drytomomys aequa
 1 node_176 1 --> 4 node_175
 2 Sall amys pascual 1 --> (014) (wi thi n termi nal)
 1 node_199 1 ==> 0 Eobrani samys rom
 1 node_210 1 ==> 0 Metaphi omys scha
 186 (Double lingua) 1.000
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (02) (wi thi n termi nal)
 1 node_176 0 --> 3 node_175
 187 (Hypocone on M) 1.000
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 node_219 1 ==> 0 Archetypomys erl
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

188 (Hypocone on M) 0.500

1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 node_217
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 node_215 1 ==> 0 Chapattimys wils
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

189 (Development o) 1.000

1 node_218 0 ==> 1 node_217
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)

190 (Development o) 0.333

1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 node_217 0 --> 1 node_216
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 node_120 1 ==> 0 'Wasl amys' attia
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_214 1 --> 0 Bal uchi mys barry
191 (Posi tion of t) 0.286
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_119 0 ==> 1 Bugti mys zafarul
1 node_125 0 ==> 1 Erethi zon dorsat
1 node_129 0 ==> 1 Hypsoste i romys a
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_140 0 --> 1 node_139
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 node_142 0 ==> 1 Mi croscleromys p
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 node_214 0 ==> 1 Bal uchi mys barry
192 (Posi tion of t) 0.154
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 node_119 0 ==> 1 Bugti mys zafarul
1 node_207 0 ==> 1 Phi omys hammudai
1 node_127 0 --> 1 node_126
1 node_123 1 --> 0 Brani samyopsi s a

Hsearch_Consensus.out

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1 node_125 1 --> 0 Coendou prehensi
1 Hypsosteioromys a 0 --> (01) (within terminal)
1 Palaeosteioromys 0 --> (01) (within terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_142 0 ==> 1 Microscleromys p
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Eviscaccia fras 0 --> (01) (within terminal)
1 Eviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 node_188 0 ==> 1 Dudumus rui gomez
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 node_191 0 ==> 1 Pleesiacarechymys
1 Eobrani samys jav 0 --> (01) (within terminal)
1 node_204 0 --> 1 node_203
1 node_202 1 --> 0 Tarapotomys suba
1 Thryonomys swind 0 --> (01) (within terminal)
1 Metaphomys scha 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 node_120 0 ==> 1 node_119
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)

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Hsearch_Consensus.out

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1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
194 (Anterior arm ) 1.000
1 node_215 0 ==> 1 node_214
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
195 (Connection of) 1.000
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

196 (Pronounced AA) 0.742

1 *Pi thanotomys col* 0 --> (01) (wi thi n termi nal)
 1 *Octodon degus* 0 --> (01) (wi thi n termi nal)
 1 *Spalacopus cyanu* 0 --> (01) (wi thi n termi nal)
 1 *Abrocoma bennett* 0 --> (01) (wi thi n termi nal)
 1 *Archetypomys erl* 0 --> (01) (wi thi n termi nal)
 1 *Tri bosphenomys m* 0 --> (01) (wi thi n termi nal)
 1 *Cocomys ligchaen* 0 --> (01) (wi thi n termi nal)
 1 *Rei throparamys d* 0 --> (01) (wi thi n termi nal)
 1 *Birbalomys sonda* 0 --> (01) (wi thi n termi nal)
 1 *Tamquammys di spi* 0 --> (01) (wi thi n termi nal)
 1 *Chapattimys wils* 0 --> (01) (wi thi n termi nal)
 1 *Ottomani a proavi* 0 --> (01) (wi thi n termi nal)
 1 *Cachi yacuy conta* 0 --> (01) (wi thi n termi nal)
 1 *Eoespi na woodi -E* 0 --> (01) (wi thi n termi nal)
 1 *node_201* 0 --> 1 *node_198*
 1 *node_141* 1 --> 0 *node_130*
 1 *Brani samyopsi s a* 0 --> (01) (wi thi n termi nal)
 1 *Neostei romys pat* 0 --> (01) (wi thi n termi nal)
 1 *Stei romys detent* 0 --> (01) (wi thi n termi nal)
 1 *Chaetomys subspi* 0 --> (01) (wi thi n termi nal)
 1 *node_137* 1 --> 0 *node_136*
 1 *Asteromys punctu* 0 --> (01) (wi thi n termi nal)
 1 *Dol ichoti s patag* 0 --> (01) (wi thi n termi nal)
 1 *Hydrochoerus hyd* 0 --> (01) (wi thi n termi nal)
 1 *Cavi a aperea* 0 --> (01) (wi thi n termi nal)
 1 *Gale a spi xi i* 0 --> (01) (wi thi n termi nal)
 1 *Peri mys i ntermed* 0 --> (01) (wi thi n termi nal)
 1 *Brani samys luri b* 1 --> (01) (wi thi n termi nal)
 1 *node_140* 1 --> 0 *node_139*
 1 *Cuni cul us paca-t* 0 --> (01) (wi thi n termi nal)
 1 *node_148* 1 ==> 0 *node_147*
 1 *Lagi di um vi scaci* 0 --> (01) (wi thi n termi nal)
 1 *Lagostomus maxi m* 0 --> (01) (wi thi n termi nal)
 1 *Eovi scacci a fras* 1 --> (01) (wi thi n termi nal)
 1 *Eoi ncamys val ver* 1 --> (01) (wi thi n termi nal)
 1 *Draconomys verai* 1 --> (01) (wi thi n termi nal)
 1 *Leucokephal os ze* 1 --> (01) (wi thi n termi nal)
 1 *node_167* 1 ==> 0 *node_166*
 1 *Gal i leomys euryg* 0 --> (01) (wi thi n termi nal)
 1 *node_189* 1 --> 0 *node_188*
 1 *Spani omys ri pari* 0 --> (01) (wi thi n termi nal)
 1 *Proechi mys cuvi e* 0 --> (01) (wi thi n termi nal)
 1 *Thri chomys apere* 0 --> (01) (wi thi n termi nal)
 1 *Makal ata di del ph* 0 --> (01) (wi thi n termi nal)
 1 *node_176* 0 ==> 1 *node_175*
 1 *Euryzygomatomys* 1 --> (01) (wi thi n termi nal)
 1 *Xenodontomys sim* 0 --> (01) (wi thi n termi nal)
 1 *Ctenomys bol ivie* 0 --> (01) (wi thi n termi nal)
 1 *Neophanomys bi pl* 0 --> (01) (wi thi n termi nal)
 1 *Pi thanotomys col* 0 --> (01) (wi thi n termi nal)
 1 *Octodon degus* 0 --> (01) (wi thi n termi nal)
 1 *Spalacopus cyanu* 0 --> (01) (wi thi n termi nal)
 1 *Abrocoma bennett* 0 --> (01) (wi thi n termi nal)
 1 *Adel phomys candi* 0 --> (01) (wi thi n termi nal)
 1 *Dudumus rui gomez* 0 --> (01) (wi thi n termi nal)
 1 *Cavi ocricetus lu* 1 --> (01) (wi thi n termi nal)
 1 *Plesi acarechi mys* 1 --> (01) (wi thi n termi nal)
 1 *Mayomys confl uen* 1 --> (01) (wi thi n termi nal)
 1 *Eosal lamys paul a* 1 --> (01) (wi thi n termi nal)
 1 *Shapaj amys laboc* 0 --> (01) (wi thi n termi nal)
 1 *Eobrani samys rom* 0 --> (01) (wi thi n termi nal)
 1 *Tarapotomys mayo* 0 --> (01) (wi thi n termi nal)
 1 *node_208* 0 ==> 1 *Thryonomys swi nd*
 1 *Metaphi omys scha* 0 --> (01) (wi thi n termi nal)
 1 *Acri tophi omys bo* 0 --> (01) (wi thi n termi nal)
 1 *Bal uchi mys barry* 0 --> (01) (wi thi n termi nal)
 1 *Archetypomys erl* 0 --> (01) (wi thi n termi nal)
 1 *Tri bosphenomys m* 0 --> (01) (wi thi n termi nal)

197 (Pronounced AA) 0.435

Hsearch_Consensus.out

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1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1     node_201 0 ==> 1 node_198
1     node_130 1 ==> 0 node_128
1     node_123 0 ==> 1 Brani samyopsi s a
1     node_125 0 ==> 1 Erethi zon dorsat
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1     node_137 1 --> 0 node_136
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1     Cavia aperea 0 --> (01) (wi thi n termi nal)
1     Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1     node_140 1 --> 0 node_139
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1     node_148 1 ==> 0 node_147
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1     node_192 1 ==> 0 node_167
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1     node_165 0 ==> 1 node_164
1     node_188 1 ==> 0 node_187
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1     node_171 0 ==> 1 Thri chomys apere
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1     node_176 0 ==> 1 node_175
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1     node_203 0 ==> 1 Pozomys ucayalie
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1     node_209 0 --> 1 node_208
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Neosteir omys pat 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_161
1 node_154 1 --> 0 node_142
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 node_148 1 ==> 0 node_147
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
1 node_176 0 ==> 1 node_175
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 node_137 0 --> 1 node_136
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_197 0 --> 1 node_196
1 node_195 1 --> 0 node_161
1 node_158 0 ==> 1 node_157
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 node_149 1 --> 0 node_148
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echymys chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosti chomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Plesi acarechi mys 1 --> (01) (with in terminal)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Tarapotomys mayo 1 --> (01) (with in terminal)
 200 (Metacone on M) 0.500
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 Eoespina woodi -E 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 node_158 0 --> 1 node_157
 1 Incamys bolivi an 1 --> (01) (with in terminal)
 1 Microscleromys p 1 --> (01) (with in terminal)
 1 node_150 1 --> 0 node_149
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Neoepi blema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lani g 0 --> (01) (with in terminal)
 1 Lagi di um vi scaci 0 --> (01) (with in terminal)
 1 Lagostomus maxi m 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Chambi ramys shi p 1 --> (01) (with in terminal)
 1 Chambi ramys sylv 0 --> (01) (with in terminal)
 1 Eoincamys val ver 0 --> (01) (with in terminal)
 1 node_195 0 --> 1 node_194
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 node_167 1 ==> 0 Willidewu estepa
 1 Spani omys ri pari 1 --> (01) (with in terminal)
 1 Proechi mys cuvie 1 --> (01) (with in terminal)
 1 Maruchi to tril of 1 --> (01) (with in terminal)
 1 Thri chomys apere 1 --> (01) (with in terminal)
 1 Echi mys chrysuru 1 --> (01) (with in terminal)
 1 node_174 1 ==> 0 Protadelphomys I
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivie 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prosti chomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Plesi acarechi mys 1 --> (01) (with in terminal)
 1 Mayomys confl uen 0 --> (01) (with in terminal)
 1 node_203 0 --> 1 node_202
 201 (*Development) 0.400
 1 Tarapotomys suba 1 --> (01) (with in terminal)
 1 node_118 0 ==> 1 Bibralomys sonda
 1 node_215 0 ==> 1 Chapattimys wils
 1 node_120 0 ==> 1 'Waslamys' attia

Hsearch_Consensus.out

```

1          node_207 0 ==> 1 node_206
2 Eoespi na woodi -E 1 --> (012) (wi thi n
    termi nal )
1          node_130 1 --> 2 node_129
2 Chaetomys subspi 2 --> (012) (wi thi n
    termi nal )
2 Pal aeostei romys 1 --> (012) (wi thi n
    termi nal )
2 Luantus propheti 1 --> (012) (wi thi n
    termi nal )
2 Asteromys punctu 1 --> (012) (wi thi n
    termi nal )
2 Dol ichoti s patag 1 --> (012) (wi thi n
    termi nal )
2 Hydrochoerus hyd 1 --> (012) (wi thi n
    termi nal )
2      Cavi a aperea 1 --> (012) (wi thi n
    termi nal )
2      Galea spi xi i 1 --> (012) (wi thi n
    termi nal )
2 Peri mys i ntermed 1 --> (012) (wi thi n
    termi nal )
2 Neoreomys austra 1 --> (012) (wi thi n
    termi nal )
2      Dasyprocta 1 --> (012) (wi thi n
    termi nal )
2 Cuni cul us paca-t 1 ---> (012) (wi thi n
    termi nal )
2 Eoi ncamys pascua 1 --> (012) (wi thi n
    termi nal )
2 Mi croscl eromys p 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys quadra 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys angust 1 --> (012) (wi thi n
    termi nal )
2 Drytomomys aequa 1 --> (012) (wi thi n
    termi nal )
2 Potamarchus muri 1 --> (012) (wi thi n
    termi nal )
2 Neoepi blema ambr 1 --> (012) (wi thi n
    termi nal )
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
    termi nal )
2 Lagi di um vi scaci 1 --> (012) (wi thi n
    termi nal )
2 Lagostomus maxi m 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys osborn 1 --> (012) (wi thi n
    termi nal )
2 Garri domys curnu 1 --> (012) (wi thi n
    termi nal )
2 Eovi scacci a fras 1 --> (012) (wi thi n
    termi nal )
2 Eovi scacci a aust 1 --> (012) (wi thi n
    termi nal )
2 Scl eromys praecu 1 --> (012) (wi thi n
    termi nal )
2 Chambi ramys shi p 1 --> (012) (wi thi n
    termi nal )
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal )
1          node_159 1 ==> 2 Chambi ramys syl v
1          node_161 1 ==> 2 Eoi ncamys ameghi
2 Draconomys verai 1 --> (012) (wi thi n
    termi nal )
2 Leucokephal os ze 1 --> (012) (wi thi n
    termi nal )
2 Pl atypi ttamys br 1 --> (012) (wi thi n

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Hsearch_Consensus.out

2 Deseadomys aramb 1 --> terminal)
(012) (wi thi n
terminal)
2 Acaremys muri nus 1 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 1 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 1 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 1 --> (012) (wi thi n
terminal)
2 Prospani omys pri 1 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 1 --> (012) (wi thi n
terminal)
2 Myocastor coypus 1 --> (012) (wi thi n
terminal)
2 Proechi mys cuvi e 1 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 1 --> (012) (wi thi n
terminal)
2 Thri chomys apere 1 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 1 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 1 --> (012) (wi thi n
terminal)
2 Protadel phomys l 1 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 1 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
2 Adel phomys candi 1 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 1 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
terminal)
2 Cavi ocricetus l u 1 --> (012) (wi thi n
terminal)
2 Pl esi acarechi mys 1 --> (012) (wi thi n
terminal)
2 Sal l amys pascual 1 --> (012) (wi thi n
terminal)
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
terminal)
1 Tarapotomys mayo 1 --> (12) (wi thi n terminal)

Hsearch_Consensus.out

202 (Development o) 0.400

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2 Tarapotomys suba 1 --> (012) (wi thi n
    termi nal )
1      node_206 1 ==> 2 Cachi yacuy kumme
1 Archetypomys erl 0 --> (01) (wi thi n termi nal )
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal )
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal )
1 Stei romys detent 0 --> (01) (wi thi n termi nal )
1      node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal )
1 Australoprocta f 0 --> (01) (wi thi n termi nal )
1 Luantus propheti 0 --> (01) (wi thi n termi nal )
1 Asteromys punctu 0 --> (01) (wi thi n termi nal )
1 Dolichotis patag 0 --> (01) (wi thi n termi nal )
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal )
1      Cavi a aperea 0 --> (01) (wi thi n termi nal )
1      Galea spi xi i 0 --> (01) (wi thi n termi nal )
1 Perimys intermed 0 --> (01) (wi thi n termi nal )
1 Neoreomys austra 0 --> (01) (wi thi n termi nal )
1      Dasyprocta 0 --> (01) (wi thi n termi nal )
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal )
1      node_196 0 ==> 1 node_195
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal )
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal )
1 Scleromys quadra 1 --> (01) (wi thi n termi nal )
1 Scleromys angust 1 --> (01) (wi thi n termi nal )
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal )
1 Potamarchus muri 1 --> (01) (wi thi n termi nal )
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal )
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal )
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal )
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal )
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal )
1 Scleromys osborn 1 --> (01) (wi thi n termi nal )
1 Garri domys curnu 1 --> (01) (wi thi n termi nal )
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal )
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal )
1 Scleromys praecu 1 --> (01) (wi thi n termi nal )
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal )
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal )
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal )
1 Draconomys vera i 1 --> (01) (wi thi n termi nal )
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal )
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal )
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal )
1 Acaremys murinus 1 --> (01) (wi thi n termi nal )
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal )
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal )
1 Prospani omys pri 1 --> (01) (wi thi n termi nal )
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal )
1 Myocastor coypus 1 --> (01) (wi thi n termi nal )
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal )
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal )
1 Thri chomys apere 1 --> (01) (wi thi n termi nal )
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal )
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal )
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal )
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal )
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal )
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal )
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal )
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal )
1      Octodon degus 1 --> (01) (wi thi n termi nal )
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal )
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal )
1 Adel phomys candi 1 --> (01) (wi thi n termi nal )
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal )
1 Sti chomys regula 1 --> (01) (wi thi n termi nal )
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal )

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Hsearch_Consensus.out

1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 node_200 0 ==> 1 node_199
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 node_208 0 ==> 1 Thryonomys swi nd
 1 node_218 0 --> 1 node_219
 1 node_219 1 --> 0 Archetypomys erl
 1 node_219 1 ==> 2 Tri bosphenomys m
 1 node_218 0 --> 1 node_217
 1 node_118 1 ==> 2 Bi rbal omys sonda
 1 node_215 1 ==> 2 Chapatti mys wil s
 1 Ottomani a proavi 1 --> (12) (wi thi n termi nal)
 1 node_126 1 ==> 2 node_124
 1 node_129 1 ==> 2 Hypsostei romys a
 2 Luantus propheti 1 --> (012) (wi thi n termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n termi nal)
 2 Dol ichoti s patag 1 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n termi nal)
 2 Cavi a aperea 1 --> (012) (wi thi n termi nal)
 2 Gale a spi xi i 1 --> (012) (wi thi n termi nal)
 2 Perimys intermed 1 --> (012) (wi thi n termi nal)
 2 Neoreomys austra 1 --> (012) (wi thi n termi nal)
 1 node_138 1 ==> 2 Brani samys luri b
 1 Dasyprocta 1 --> (12) (wi thi n termi nal)
 2 Cuni cul us paca-t 1 --> (012) (wi thi n termi nal)
 1 node_198 1 ==> 2 node_197
 2 Eoi ncamys pascua 2 --> (012) (wi thi n termi nal)
 2 Mi croscl eromys p 2 --> (012) (wi thi n termi nal)
 2 Scl eromys quadra 2 --> (012) (wi thi n termi nal)
 2 Scl eromys angust 2 --> (012) (wi thi n termi nal)
 2 Drytomomys aequa 2 --> (012) (wi thi n termi nal)
 2 Potamarchus muri 2 --> (012) (wi thi n termi nal)
 2 Neoepi bl ema ambr 2 --> (012) (wi thi n termi nal)
 2 Chi nchi l l a l ani g 2 --> (012) (wi thi n termi nal)
 2 Lagi di um vi scaci 2 --> (012) (wi thi n termi nal)
 2 Lagostomus maxi m 2 --> (012) (wi thi n termi nal)
 2 Scl eromys osborn 2 --> (012) (wi thi n termi nal)
 2 Garri domys curnu 2 --> (012) (wi thi n termi nal)
 2 Eovi scacci a fras 2 --> (012) (wi thi n termi nal)
 2 Eovi scacci a aust 2 --> (012) (wi thi n termi nal)
 2 Scl eromys praecu 2 --> (012) (wi thi n termi nal)

203 (*Posi ti on of) 0.385

Hsearch_Consensus.out

2 Chambi ramys shi p 2 --> terminal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
terminal)
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
2 Acaremys muri nus 2 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
terminal)
2 Gal ileomys euryg 2 --> (012) (wi thi n
terminal)
2 Wi lli dewu estepa 2 --> (012) (wi thi n
terminal)
2 Prospani omys pri 2 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 2 --> (012) (wi thi n
terminal)
2 Myocastor coypus 2 --> (012) (wi thi n
terminal)
2 Proechi mys cuvie 2 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
terminal)
2 Thri chomys apere 2 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 2 --> (012) (wi thi n
terminal)
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 2 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 2 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 2 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 2 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
terminal)
2 Cavi ocricetus l u 2 --> (012) (wi thi n

Hsearch_Consensus.out

2 Plesiacaechi mys 2 --> terminal)
 2 Plesiacaechi mys 2 --> (012) (with in terminal)
 2 Sal lamys pascual 2 --> (012) (with in terminal)
 2 Mayomys confl uen 2 --> (012) (with in terminal)
 1 Eobrani samys rom 1 --> (01) (with in terminal)
 2 Eobrani samys jav 1 --> (012) (with in terminal)
 2 Pozomys ucayal ie 1 --> (012) (with in terminal)
 2 Tarapotomys suba 1 --> (012) (with in terminal)
 1 node_209 1 ==> 2 node_208
 204 (Anterior arm) 0.714
 1 node_219 1 ==> 0 Archetypomys erl
 1 Birbalomys sonda 1 --> (01) (with in terminal)
 1 Tamquammys di spi 1 --> (01) (with in terminal)
 1 Ottomani a proavi 1 --> (01) (with in terminal)
 1 Eoespi na woodi -E 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Pal aeostei romys 1 --> (01) (with in terminal)
 1 Australoprocta f 1 --> (01) (with in terminal)
 1 Luantus propheti 1 --> (01) (with in terminal)
 1 Asteromys punctu 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spi xii 1 --> (01) (with in terminal)
 1 Perimys intermed 1 --> (01) (with in terminal)
 1 Neoreomys austra 1 --> (01) (with in terminal)
 1 Dasyprocta 1 --> (01) (with in terminal)
 1 Cuniculus paca-t 1 --> (01) (with in terminal)
 1 node_158 1 --> 0 node_157
 1 Eoincamys pasqua 0 --> (01) (with in terminal)
 1 Incamys bolivi an 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Dinomys branicki 0 --> (01) (with in terminal)
 1 Neoeplema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curru 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys ship 0 --> (01) (with in terminal)
 1 node_161 1 ==> 0 Eoincamys ameghi
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platypittamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Acaremys murinus 1 --> (01) (with in terminal)
 1 Sci amys principa 1 --> (01) (with in terminal)
 1 Galileomys euryg 1 --> (01) (with in terminal)
 1 Willidewu estepa 1 --> (01) (with in terminal)
 1 Prospani omys pri 1 --> (01) (with in terminal)
 1 Spani omys ripari 1 --> (01) (with in terminal)
 1 Myocastor coypus 1 --> (01) (with in terminal)
 1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimy s chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelph 1 --> (01) (with in terminal)

Hsearch_Consensus.out

205 (Thickness of) 0.600

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1 Protadelphomys l 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pithanotomys col 1 --> (01) (withn terminal)
1 Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1 Adelphomys candi 1 --> (01) (withn terminal)
1 Prostichomys bow 1 --> (01) (withn terminal)
1 Stichomys regula 1 --> (01) (withn terminal)
1 Dudumus rui gomez 1 --> (01) (withn terminal)
1 Pampamys emmonsa 1 --> (01) (withn terminal)
1 Caviocricetus lu 1 --> (01) (withn terminal)
1 Plesiacarechymys 1 --> (01) (withn terminal)
1 Sallamys pascual 1 --> (01) (withn terminal)
1 Tarapotomys suba 1 --> (01) (withn terminal)
1 Thryonomys swind 1 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 node_215 0 ==> 1 node_214
1 Phiomys hammudai 1 --> (01) (withn terminal)
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1 Protosteioromys m 1 --> (01) (withn terminal)
1 Neosteioromys pat 1 --> (01) (withn terminal)
1 Steioromys detent 1 --> (01) (withn terminal)
1 Hypsosteioromys a 1 --> (01) (withn terminal)
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Palaeosteioromys 1 --> (01) (withn terminal)
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1 Cavia aperea 0 --> (01) (withn terminal)
1 Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Incamys bolivi an 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1 Scleromys quadra 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Drytomomys aequa 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Dinomys branicki 1 --> (01) (withn terminal)
1 Neoepiblema ambr 1 --> (01) (withn terminal)
1 Chinchilla lani g 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxi m 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Garri domys curnu 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Eoviscaccia aust 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys ship 1 --> (01) (withn terminal)
1 Eoincamys val ver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 1 --> (01) (wi thi n termi nal)
 1 node_200 1 ==> 0 Shapaj amys laboc
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 node_204 1 ==> 0 node_203
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 node_210 1 ==> 0 Metaphi omys scha
 1 node_215 0 ==> 1 Chapattimys wils
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 node_212 0 --> 1 node_120
 1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
 1 node_210 0 --> 1 node_209
 1 node_207 1 --> 0 Phi omys hammudai
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 node_138 1 ==> 0 Brani samys luri b
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 node_159 1 --> 0 node_158
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 node_154 0 --> 1 node_142
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Neoeplema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys ship 0 --> (01) (with in terminal)
 1 Draconomys verai 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Platypittamys br 1 --> (01) (with in terminal)
 1 Deseadomys aramb 1 --> (01) (with in terminal)
 1 Acaremys murinus 1 --> (01) (with in terminal)
 1 Sciamys principa 1 --> (01) (with in terminal)
 1 Galileomys euryg 1 --> (01) (with in terminal)
 1 Willidewu estepa 1 --> (01) (with in terminal)
 1 Prospaniomys pri 1 --> (01) (with in terminal)
 1 Spaniomys ripari 1 --> (01) (with in terminal)
 1 Myocastor coypus 1 --> (01) (with in terminal)
 1 Proechimys cuvie 1 --> (01) (with in terminal)
 1 Maruchito trilof 1 --> (01) (with in terminal)
 1 Thrichomys apere 1 --> (01) (with in terminal)
 1 Echimy s chrysuru 1 --> (01) (with in terminal)
 1 Makalata didelph 1 --> (01) (with in terminal)
 1 Protadelphomys l 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivi e 1 --> (01) (with in terminal)
 1 Neophanomys bipl 1 --> (01) (with in terminal)
 1 Pi thanotomys col 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Spalacopus cyanu 1 --> (01) (with in terminal)
 1 Abrocoma bennett 1 --> (01) (with in terminal)
 1 Adelphomys candi 1 --> (01) (with in terminal)
 1 Prostichomys bow 1 --> (01) (with in terminal)
 1 Stichomys regula 1 --> (01) (with in terminal)
 1 Dudumus rui gomez 1 --> (01) (with in terminal)
 1 Pampamys emmonsa 1 --> (01) (with in terminal)
 1 Caviocricetus lu 1 --> (01) (with in terminal)
 1 Plesi acarechi mys 1 --> (01) (with in terminal)
 1 Sallamys pascual 1 --> (01) (with in terminal)
 1 Mayomys confluen 1 --> (01) (with in terminal)
 1 Shapajamys laboc 1 --> (01) (with in terminal)
 1 Pozomys ucayalie 1 --> (01) (with in terminal)
 1 Tarapotomys mayo 1 --> (01) (with in terminal)
 1 Tarapotomys suba 1 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tribosphenomys m 0 --> (01) (with in terminal)
 1 Cocomys ligchaen 0 --> (01) (with in terminal)
 1 Reithroparamys d 0 --> (01) (with in terminal)
 1 Birbalomys sonda 0 --> (01) (with in terminal)
 1 Tamquammys di spi 0 --> (01) (with in terminal)
 1 Phiomys hammudai 0 --> (01) (with in terminal)
 1 Cachi yacuy conta 0 --> (01) (with in terminal)
 1 Eoespina woodi -E 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Erethizon dorsat 0 --> (01) (with in terminal)
 1 Steioromys detent 0 --> (01) (with in terminal)
 1 Hypsosteioromys a 0 --> (01) (with in terminal)
 1 Chaetomys subspi 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 Luantus propheti 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)

Hsearch_Consensus.out

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1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys australis 0 --> (01) (w i t h i n t e r m i n a l )
1 Branihamys luri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 node_159 0 ==> 1 Chambi ramys sylv
1 node_161 0 ==> 1 Eoincamys ameghi
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypitmys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciomys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimyus chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 node_208 0 ==> 1 Thryonomys swind
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Acritophiomyx bo 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1     node_218 0 --> 1 node_217
1     node_118 1 --> 0 Reithroparamys d
1     node_213 1 ==> 0 Ottomaniaproavi
1     node_122 1 ==> 0 node_121
1     node_198 1 --> 0 node_141
1     node_141 0 --> 1 node_130
1 Neosteironomys pat 1 --> (01) (withn terminal)
1     node_129 1 --> 0 Chaetomys subsp
1 Lantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1     Cavia apera 0 --> (01) (withn terminal)
1     Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 Eoincamys pascua 1 --> (01) (withn terminal)
1 Microscleromys p 1 --> (01) (withn terminal)
1     node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Neopiblema ambr 0 --> (01) (withn terminal)
1 Chinchilla lani 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxi 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garriomys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys shi 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)
1 Sciomyx principa 1 --> (01) (withn terminal)
1 Galileomys euryg 1 --> (01) (withn terminal)
1 Prospaniomys pri 1 --> (01) (withn terminal)
1 Spaniomys ripari 1 --> (01) (withn terminal)
1 Myocastor coypus 1 --> (01) (withn terminal)
1 Proechimys cuvie 1 --> (01) (withn terminal)
1 Maruchito trilof 1 --> (01) (withn terminal)
1 Thrichomys apere 1 --> (01) (withn terminal)
1 Echimyus chysuru 1 --> (01) (withn terminal)
1 Makalata didelph 1 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Euryzygomatomys 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivie 1 --> (01) (withn terminal)
1 Neophanomys bipl 1 --> (01) (withn terminal)
1 Pi thanotomys col 1 --> (01) (withn terminal)
1     Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1 Adelphomys candi 1 --> (01) (withn terminal)
1 Prosthichomys bow 1 --> (01) (withn terminal)
1 Stichomys regula 1 --> (01) (withn terminal)
1 Dudumus rui gomez 1 --> (01) (withn terminal)
1 Pampamys emmonsa 1 --> (01) (withn terminal)
1 Caviocricetus lu 1 --> (01) (withn terminal)

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Hsearch_Consensus.out

209 (Posteroloph-m) 0.333

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1 Plesiacarechymys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 node_196 1 ==> 0 Mayomys confluen
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_210 1 ==> 0 Metaphiomys scha
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Cachiyacuyconta 0 --> (01) (within terminal)
1 Eoespinawoodi-E 0 --> (01) (within terminal)
1 Braniamyopsis a 0 --> (01) (within terminal)
1 Neosteioromys pat 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteioromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Braniamys luri b 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_197 0 --> 1 node_196
1 node_161 1 --> 0 node_160
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lani g 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garri domys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambarams shi p 0 --> (01) (within terminal)
1 Chambarams sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sci amys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimy s chrysuru 1 --> (01) (within terminal)
1 Makalata dí del ph 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Euryzygomatomys 1 --> (01) (within terminal)

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Hsearch_Consensus.out

1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ple si acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayal ie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_208 0 ==> 1 Thryonomys swi nd
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_126 0 ==> 1 node_125
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol i chotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys vera i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephal os ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Will idewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tril of 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)

210 (Mesostyle and) 1.000

Hsearch_Consensus.out

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 211 (Metaloph on M) 0.647
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 node_127 0 ==> 1 Stei romys detent
 1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
 1 node_136 0 --> 1 node_135
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol i chotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 node_197 0 ==> 1 node_196
 1 node_161 1 --> 0 node_160
 1 node_159 0 --> 1 node_158
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 node_148 1 ==> 0 node_145
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 212 (Metaloph on M) 0.615
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol i chotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_197 0 --> 1 node_196
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 node_150 1 --> 0 node_149
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Chi nchi I l a l ani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 node_158 1 ==> 0 Eoi ncamys parvus
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 node_194 1 --> 0 node_162
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 node_174 1 ==> 0 Protadel phomys l
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 node_203 0 --> 1 node_202
 213 (Height of the) 0.667
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 node_137 2 --> 0 node_136
 1 node_139 2 ==> 1 Dasyprocta
 1 node_195 2 --> 0 node_194
 214 (Posterol oph s) 0.846
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 node_204 0 ==> 1 node_201
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 node_137 1 ==> 0 node_136
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol i choti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Gale a spi xi i 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 node_153 1 --> 0 node_150
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi I l a l ani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 node_194 1 --> 0 node_193

Hsearch_Consensus.out

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1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1      node_176 0 --> 1 node_175
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
215 (Lingual conne) 0.870
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (13) (wi thi n termi nal)
1      node_212 1 --> 2 node_211
1      node_211 2 --> 3 node_210
1 Phi omys hammudai 3 --> (13) (wi thi n termi nal)
1 Cachi yacuy conta 3 --> (03) (wi thi n termi nal)
1      node_122 3 ==> 2 Canaani mys maqui
1 Coendou prehensi 3 --> (03) (wi thi n termi nal)
1 Pal aeostei romys 3 --> (23) (wi thi n termi nal)
1      Dasyprocta 3 --> (03) (wi thi n termi nal)
1      node_198 3 --> 0 node_197
1      node_160 0 --> 3 node_159
1 Incamys bol ivian 3 --> (03) (wi thi n termi nal)
1 Drytomomys aequa 3 --> (03) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (02) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (03) (wi thi n termi nal)
1 Shapaj amys laboc 3 --> (03) (wi thi n termi nal)
1 Eobrani samys rom 3 --> (03) (wi thi n termi nal)
1 Tarapotomys mayo 3 --> (03) (wi thi n termi nal)
1      node_206 3 ==> 0 Cachi yacuy kumme
1 Metaphi omys scha 3 --> (03) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (13) (wi thi n termi nal)
216 (Double lingua) 1.000
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
2 Cachi yacuy conta 0 --> (023) (wi thi n
termi nal)
1 Coendou prehensi 0 --> (03) (wi thi n termi nal)
1      Dasyprocta 0 --> (03) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (02) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (02) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (02) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (02) (wi thi n termi nal)
217 (Lingual conne) 0.696
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
2 Bugti mys zafarul 1 --> (013) (wi thi n
termi nal)
1      node_212 1 ==> 2 node_211
1      node_121 2 ==> 0 Cachi yacuy conta
1 Canaani mys maqui 2 --> (02) (wi thi n termi nal)
1      node_204 2 ==> 4 node_201
1      node_123 4 ==> 2 Brani samyopsi s a
2 Coendou prehensi 4 --> (034) (wi thi n
termi nal)
1 Brani samys luri b 4 --> (24) (wi thi n termi nal)
1      node_140 4 --> 0 node_139

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Hsearch_Consensus.out

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2      Dasyprocta 0 --> (034) (with in
      terminal)
1      node_198 4 ==> 0 node_197
1      node_154 0 --> 3 node_142
1      node_144 0 ==> 4 Potamarchus muri
1      node_194 0 --> 4 node_162
1      node_176 0 --> 2 node_175
1 Eosallamys paula 0 --> (02) (with in terminal)
1      node_209 2 ==> 4 node_208
1 Metaphomys scha 2 --> (02) (with in terminal)
1 Acritophiomyys bo 2 --> (23) (with in terminal)
218 (Double lingua) 1.000
1 Coendou prehensi 0 --> (03) (with in terminal)
1      Dasyprocta 0 --> (01) (with in terminal)
1 Incamys bolivi an 0 --> (03) (with in terminal)
1      node_208 0 ==> 2 Paraphiomyys pi go
219 (Direct metal o) 0.500
1 Metaphomys scha 0 --> (02) (with in terminal)
1      node_217 0 --> 1 node_216
1      node_215 1 --> 0 Chapattimys wils
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1      Cavia aperea 1 --> (01) (with in terminal)
1      Galea spixii 1 --> (01) (with in terminal)
1 Perimys intermed 1 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys quadra 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Neoeptiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoviscaccia aust 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys ship 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platyptamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Acaemys murinus 1 --> (01) (with in terminal)
1 Sci amys principa 1 --> (01) (with in terminal)
1 Galileomys euryg 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Prospaniomyys pri 1 --> (01) (with in terminal)
1 Spaniomyys ripari 1 --> (01) (with in terminal)
1 Myocastor coypus 1 --> (01) (with in terminal)
1 Maruchito trilof 1 --> (01) (with in terminal)
1 Thrichomys apere 1 --> (01) (with in terminal)
1 Echimyys chrysuru 1 --> (01) (with in terminal)
1 Makalata didelph 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Euryzygomatomys 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1      Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosti chomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)

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Hsearch_Consensus.out

220 (Direct metal o) 1.000

1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 ==> 1 node_216
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garriomys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechymys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_216 0 ==> 1 node_215

221 (Labial part o) 1.000

Hsearch_Consensus.out

222 (Lingual conne) 0.273

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1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spixii 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1   node_215 0 ==> 1 node_214
1 Protosteirromys m 1 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Steirromys detent 1 --> (01) (wi thi n termi nal)
1   node_129 1 ==> 0 Chaetomys subspi
1 Palaeosteirromys 1 --> (01) (wi thi n termi nal)
1   node_140 1 ==> 0 node_138
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1   node_195 1 --> 0 node_161
1   node_156 0 ==> 1 Eoincamys pascua
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1   node_149 0 --> 1 node_143
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Neopiblima ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1   node_159 0 --> 1 Chambi ramys sylv
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypitmys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomyms pri 1 --> (01) (wi thi n termi nal)
1   node_169 1 --> 0 node_168
1 Spaniomyms ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 node_190 1 ==> 0 Cavi ocricetus Lu
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Eoste iromys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neoste iromys pat 1 --> (01) (wi thi n termi nal)
1 node_127 1 ==> 0 Stei romys detent
1 node_130 1 ==> 0 node_129
1 Pal aeoste iromys 1 --> (01) (wi thi n termi nal)
1 node_138 1 --> 0 node_137
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_139 1 ==> 0 Dasypsecta
1 node_161 1 --> 0 node_160
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 node_154 0 --> 1 node_142
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 node_167 1 --> 0 node_166
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 node_176 1 --> 0 node_173
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_171 0 --> 1 Thri chomys apere

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223 (Li ngual conne) 0. 333

Hsearch_Consensus.out

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1 Makalata didelphoides 0 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prosthomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 node_190 1 ==> 0 Caviocricetus lu
1 Plestiacarechymys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 node_200 1 ==> 0 Shapajamys laboc
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys dspi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi -E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteioromys m 0 --> (01) (within terminal)
1 Eosteioromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteioromys pat 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steioromys detent 0 --> (01) (within terminal)
1 Hyposteioromys a 0 --> (01) (within terminal)
1 Palaeosteioromys 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galeaspixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 node_138 0 ==> 1 Branisamys luri b
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 node_154 0 --> 1 node_142
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garri domys curnu 0 --> (01) (within terminal)

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224 (Size of the n) 0.200

Hsearch_Consensus.out

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1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 node_158 0 ==> 1 Eoincamys parvus
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sci amys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospani omys pri 0 --> (01) (withn terminal)
1 Spani omys ripari 0 --> (01) (withn terminal)
1 Proechi mys cuvie 0 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echi mys chrysuru 0 --> (01) (withn terminal)
1 Protadel phomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Pi thanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 Adel phomys candi 0 --> (01) (withn terminal)
1 Prosti chomys bow 0 --> (01) (withn terminal)
1 Sti chomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 node_190 0 ==> 1 Cavi ocricetus lu
1 Ple si acarechi mys 0 --> (01) (withn terminal)
1 Sall amys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 0 --> (01) (withn terminal)
1 Eosal lamys paula 0 --> (01) (withn terminal)
1 Shapaj amys laboc 0 --> (01) (withn terminal)
1 Eobrani samys rom 0 --> (01) (withn terminal)
1 Eobrani samys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys mayo 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 node_206 0 --> 1 Cachi yacuy kumme
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphi omys pi go 0 --> (01) (withn terminal)
1 Metaphi omys scha 0 --> (01) (withn terminal)
1 Acri tophi omys bo 0 --> (01) (withn terminal)
1 Bal uchi mys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 1 --> (01) (withn terminal)
1 Tri bosphenomys m 1 --> (01) (withn terminal)
1 Cocomys ligchaen 1 --> (01) (withn terminal)
1 Rei throparamys d 1 --> (01) (withn terminal)
1 Bi rbal omys sonda 1 --> (01) (withn terminal)
1 Tamquammys di spi 1 --> (01) (withn terminal)
1 Chapatti mys wils 1 --> (01) (withn terminal)
1 Ottomani a proavi 1 --> (01) (withn terminal)
1 Bugti mys zafarul 1 --> (01) (withn terminal)
1 Hodsahi bi a azrae 1 --> (01) (withn terminal)
1 'Wasl amys' attia 1 --> (01) (withn terminal)
1 Phi omys hammudai 1 --> (01) (withn terminal)
1 Eoespi na woodi -E 1 --> (01) (withn terminal)
1 node_201 1 --> 0 node_198
1 Protostei romys m 0 --> (01) (withn terminal)
1 Eostei romys homo 0 --> (01) (withn terminal)

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225 (Size of the n) 0.400

Hsearch_Consensus.out

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1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wil lidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_190 1 --> 0 node_189
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 node_169 0 --> 1 Proechi mys cuvi e
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 226 (Paraflexus (+) 0.143
 1 node_136 0 --> 1 node_135
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 node_152 0 --> 1 node_151
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 node_165 0 ==> 1 node_164
 1 node_168 0 ==> 1 Myocastor coypus
 1 node_175 0 ==> 1 Mesocapromys/Mys
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 node_181 0 ==> 1 node_180
 1 node_183 0 ==> 1 Abrocoma bennett
 227 (*Reduction of) 0.143
 2 node_138 0 --> 2 node_137
 2 node_137 2 --> 0 Austral oprocta f
 2 Asteromys punctu 2 --> (012) (wi thi n
 termi nal)
 2 Dol ichoti s patag 2 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n
 termi nal)
 2 Cavi a aperea 2 --> (012) (wi thi n
 termi nal)
 2 Gale a spi xi i 2 --> (012) (wi thi n
 termi nal)
 2 Peri mys i ntermed 2 --> (012) (wi thi n
 termi nal)
 2 node_139 0 ==> 2 Dasyprocta
 1 node_143 0 ==> 1 Scl eromys angust
 2 Lagostomus maxi m 0 --> (012) (wi thi n
 termi nal)
 1 node_152 0 ==> 1 Garri domys curnu
 2 Eovi scacci a fras 0 --> (012) (wi thi n
 termi nal)
 2 Leucokephal os ze 0 --> (012) (wi thi n
 termi nal)
 1 node_166 0 --> 1 node_165
 2 Acaremys muri nus 1 --> (012) (wi thi n
 termi nal)
 2 Sci amys pri nci pa 1 --> (012) (wi thi n
 termi nal)
 1 node_192 0 --> 1 node_191
 1 node_190 1 --> 0 node_189
 1 node_169 0 ==> 1 Proechi mys cuvi e
 1 node_171 0 ==> 1 Thri chomys apere
 1 node_174 0 ==> 1 Euryzygomatomys
 2 Xenodontomys si m 0 --> (012) (wi thi n
 termi nal)
 2 Ctenomys bol i vi e 0 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 0 --> (012) (wi thi n
 termi nal)
 2 Pi thanotomys col 0 --> (012) (wi thi n
 termi nal)
 2 Octodon degus 0 --> (012) (wi thi n
 termi nal)
 2 Spal acopus cyanu 0 --> (012) (wi thi n
 termi nal)
 2 Abrocoma bennett 0 --> (012) (wi thi n

Hsearch_Consensus. out

228 (Mesial mesofl) 0.400

1 node_214 0 --> 1 node_213 terminal)
 1 Ottomania proavi 1 --> (01) (with in terminal)
 1 node_136 1 --> 0 node_135
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Neopiblema ambr 1 --> (01) (with in terminal)
 1 Chinchilla lanig 1 --> (01) (with in terminal)
 1 Lagidium viscaci 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Chambi ramys ship 1 --> (01) (with in terminal)
 1 Leucokephalos ze 1 --> (01) (with in terminal)
 1 Euryzygomatomys 1 --> (01) (with in terminal)
 1 Mesocapromys/Mys 1 --> (01) (with in terminal)
 1 node_181 1 --> 0 node_178
 1 Neophanomys bip 0 --> (01) (with in terminal)
 1 node_179 1 ==> 0 Octodon degus

229 (*Reduction of) 0.167

2 Archetypomys erl 0 --> (012) (with in terminal)
 2 Tribosphenomys m 0 --> (012) (with in terminal)
 2 Cocomys ligchaen 0 --> (012) (with in terminal)
 2 Reithroparamys d 0 --> (012) (with in terminal)
 2 Birbalomys sonda 0 --> (012) (with in terminal)
 2 Tamquammys di spi 0 --> (012) (with in terminal)
 2 Chapattimys wils 0 --> (012) (with in terminal)
 1 node_138 0 --> 1 node_137
 1 node_137 1 --> 0 Australoprocta f
 1 node_137 1 --> 2 node_136
 2 Asteromys punctu 2 --> (012) (with in terminal)
 2 Dolichotis patag 2 --> (012) (with in terminal)
 2 Hydrochoerus hyd 2 --> (012) (with in terminal)
 2 Cavia aperea 2 --> (012) (with in terminal)
 2 Galea spixii 2 --> (012) (with in terminal)
 2 Perimys intermed 2 --> (012) (with in terminal)
 1 node_139 0 ==> 1 Dasyprocta
 1 node_155 0 --> 1 node_154
 1 node_142 1 --> 0 Microscleromys p
 1 node_149 1 --> 0 node_148
 2 Neopiblema ambr 0 --> (012) (with in terminal)
 2 Chinchilla lanig 0 --> (012) (with in terminal)
 2 Lagidium viscaci 0 --> (012) (with in terminal)
 2 Lagostomus maxim 0 --> (012) (with in terminal)
 1 node_152 1 --> 2 node_151
 2 Eoviscaccia fras 2 --> (012) (with in terminal)
 2 Chambi ramys ship 0 --> (012) (with in terminal)
 1 node_159 0 ==> 1 Chambi ramys syl v
 2 Leucokephalos ze 0 --> (012) (with in terminal)
 1 node_169 0 ==> 1 Proechimys cuvie
 1 node_171 0 ==> 1 Thrichomys apere

Hsearch_Consensus.out

2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
termi nal)
2 Xenodontomys sim 0 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
termi nal)
2 Octodon degus 0 --> (012) (wi thi n
termi nal)
1 node_203 0 ==> 1 Pozomys ucayal i e
2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)
230 (Posterofl exus) 0. 500
1 node_138 0 --> 1 node_137
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_137 1 --> 0 Neoreomys austra
1 node_160 0 ==> 1 node_159
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 node_144 1 ==> 0 Potamarchus muri
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi l l a l ani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

231 (Reduction of) 0.400

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1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_138 0 --> 1 node_137
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 node_139 0 ==> 1 Dasyprocta
1 node_195 0 --> 1 node_161
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivian 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neopibelema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata delph 0 --> (01) (wi thi n termi nal)
1 node_176 0 --> 1 node_175
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 232 (Hypoflexus on) 0.800
 1 node_213 0 --> 1 node_212
 1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 node_181 1 --> 0 node_178
 234 (*Transversal) 0.286
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 0 --> (012) (wi thi n termi nal)
 2 Tri bosphenomys m 0 --> (012) (wi thi n termi nal)
 2 Cocomys ligchaen 0 --> (012) (wi thi n termi nal)
 2 Reithroparamys d 0 --> (012) (wi thi n termi nal)
 2 Birbalomys sonda 0 --> (012) (wi thi n termi nal)
 2 Tamquammys di spi 0 --> (012) (wi thi n termi nal)
 2 Chapattimys wils 0 --> (012) (wi thi n termi nal)
 2 Ottomani a proavi 0 --> (012) (wi thi n termi nal)
 2 node_120 0 ==> 2 node_119
 2 node_137 0 ==> 2 node_136
 2 Asteromys punctu 2 --> (012) (wi thi n termi nal)
 2 Lagostomus maxi m 0 --> (012) (wi thi n termi nal)
 2 Eoviscaccia fras 0 --> (012) (wi thi n termi nal)
 2 Leucokephal os ze 0 --> (012) (wi thi n termi nal)
 1 node_168 0 ==> 1 Spaniomys ripari
 1 node_175 0 ==> 1 Mesocapromys/Mys
 2 Neophanomys bi pl 0 --> (012) (wi thi n termi nal)
 1 node_186 0 ==> 1 node_185
 2 Baluchimys barry 0 --> (012) (wi thi n termi nal)
 235 (Formation of) 0.200
 1 node_137 0 ==> 1 node_136
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 node_153 0 ==> 1 node_152
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 node_165 0 ==> 1 node_164
 1 node_186 0 --> 1 node_183
 1 node_182 1 --> 0 node_176
 236 (Number of l ob) 1.000
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugtymys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 *Phiomys hammudai* 1 --> (01) (with terminal)
 1 *Cachiyacuy conta* 1 --> (01) (with terminal)
 1 *Eoespina woodi -E* 1 --> (01) (with terminal)
 1 *Canaani mys maqui* 1 --> (01) (with terminal)
 1 *Protosteioromys m* 1 --> (01) (with terminal)
 1 *Eosteioromys homo* 1 --> (01) (with terminal)
 1 *Brani samyopsis a* 1 --> (01) (with terminal)
 1 *Neosteioromys pat* 1 --> (01) (with terminal)
 1 *Erethizon dorsat* 1 --> (01) (with terminal)
 1 *Coendou prehensi* 1 --> (01) (with terminal)
 1 *Steioromys detent* 1 --> (01) (with terminal)
 1 *Hypsosteioromys a* 1 --> (01) (with terminal)
 1 *Chaetomys subspi* 1 --> (01) (with terminal)
 1 *Palaeosteioromys* 1 --> (01) (with terminal)
 1 *Australoprocta f* 1 --> (01) (with terminal)
 1 *Asteromys punctu* 1 --> (01) (with terminal)
 1 *Cavia aperea* 1 --> (01) (with terminal)
 1 *Neoreomys austra* 1 --> (01) (with terminal)
 1 *Brani samys luri b* 1 --> (01) (with terminal)
 1 *Dasyprocta* 1 --> (01) (with terminal)
 1 *Cuniculus paca-t* 1 --> (01) (with terminal)
 1 *Eoincamys pascua* 1 --> (01) (with terminal)
 1 *Incamys bolivi an* 1 --> (01) (with terminal)
 1 *Microscleromys p* 1 --> (01) (with terminal)
 1 *Scleromys quadra* 1 --> (01) (with terminal)
 1 *Scleromys angust* 1 --> (01) (with terminal)
 1 *Drytomomys aequa* 1 --> (01) (with terminal)
 1 *Potamarchus muri* 1 --> (01) (with terminal)
 1 *Dinomys branic ki* 1 --> (01) (with terminal)
 1 *Neoeplema ambr* 1 --> (01) (with terminal)
 1 *Chinchilla lanig* 1 --> (01) (with terminal)
 1 *Lagidium visci* 1 --> (01) (with terminal)
 1 *Lagostomus maxi m* 1 --> (01) (with terminal)
 1 *Scleromys osborn* 1 --> (01) (with terminal)
 1 *Eoviscaccia fras* 1 --> (01) (with terminal)
 1 *Scleromys praecu* 1 --> (01) (with terminal)
 1 *Chambiramys shi p* 1 --> (01) (with terminal)
 1 *Eoincamys parvus* 1 --> (01) (with terminal)
 1 *Chambiramys sylv* 1 --> (01) (with terminal)
 1 *Eoincamys val ver* 1 --> (01) (with terminal)
 1 *Eoincamys ameghi* 1 --> (01) (with terminal)
 1 *Draconomys verai* 1 --> (01) (with terminal)
 1 *Leucokephalos ze* 1 --> (01) (with terminal)
 1 *Platypittamys br* 1 --> (01) (with terminal)
 1 *Deseadomys aramb* 1 --> (01) (with terminal)
 1 *Galileomys euryg* 1 --> (01) (with terminal)
 1 *Willidewu estepa* 1 --> (01) (with terminal)
 1 *Prospaniomys pri* 1 --> (01) (with terminal)
 1 *Spaniomys ripari* 1 --> (01) (with terminal)
 1 *Myocastor coypus* 1 --> (01) (with terminal)
 1 *Proechimys cuvie* 1 --> (01) (with terminal)
 1 *Maruchito trilof* 1 --> (01) (with terminal)
 1 *Thrichomys apere* 1 --> (01) (with terminal)
 1 *Echimy s chrysuru* 1 --> (01) (with terminal)
 1 *Makalata delph* 1 --> (01) (with terminal)
 1 *Protadelphomys l* 1 --> (01) (with terminal)
 1 *Euryzygomatomys* 1 --> (01) (with terminal)
 1 *Mesocapromys/Mys* 1 --> (01) (with terminal)
 1 node_181 1 --> 0 node_178
 1 *Neophanomys bi pl* 0 --> (01) (with terminal)
 1 *Adelphomys candi* 1 --> (01) (with terminal)
 1 *Prostichomys bow* 1 --> (01) (with terminal)
 1 *Stichomys regula* 1 --> (01) (with terminal)
 1 *Dudumus rui gomez* 1 --> (01) (with terminal)
 1 *Pampamys emmonsa* 1 --> (01) (with terminal)
 1 *Caviocrietus lu* 1 --> (01) (with terminal)
 1 *Plesi carechi mys* 1 --> (01) (with terminal)
 1 *Sallamys pascual* 1 --> (01) (with terminal)

Hsearch_Consensus.out

1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 237 (*Number of I o) 1.000
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n
 termi nal)
 2 Reithroparamys d 1 --> (012) (wi thi n
 termi nal)
 2 Birbal omys sonda 1 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n
 termi nal)
 2 Bugtimys zafarul 1 --> (012) (wi thi n
 termi nal)
 2 Hodsahibi a azrae 1 --> (012) (wi thi n
 termi nal)
 2 'Wasl amys' attia 1 --> (012) (wi thi n
 termi nal)
 2 Phi omys hammudai 1 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
 termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n
 termi nal)
 2 Eostei romys homo 1 --> (012) (wi thi n
 termi nal)
 2 Brani samyopsi s a 1 --> (012) (wi thi n
 termi nal)
 2 Neostei romys pat 1 --> (012) (wi thi n
 termi nal)
 2 Erethi zon dorsat 1 --> (012) (wi thi n
 termi nal)
 2 Coendou prehensi 1 --> (012) (wi thi n
 termi nal)
 2 Stei romys detent 1 --> (012) (wi thi n
 termi nal)
 2 Hypsostei romys a 1 --> (012) (wi thi n
 termi nal)
 2 Chaetomys subspi 1 --> (012) (wi thi n
 termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n
 termi nal)
 2 Austral oprocta f 1 --> (012) (wi thi n
 termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n
 termi nal)

Hsearch_Consensus.out

2 Cavia aperea 1 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_134 1 ==> 2 Peromyscus intermed
 2 Neoreomys australis 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Bransfordia lindsayi 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Dasypus 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Cuniculus paca-t 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoincamys pascua 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Incamys bolivian 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Microscleromys p 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scleromys quadra 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scleromys angust 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Drytomomys aequa 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Potamarchus muri 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Dinomys branic 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Neopibidema ambr 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Chinchilla lanig 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Lagidium viscaci 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Lagostomus maxim 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scleromys osborn 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoiviscaccia fras 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scleromys praecu 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Chambi ramys shi p 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoincamys parvus 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Chambi ramys syl v 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoincamys val ver 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoincamys ameghi 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Draconomys verai 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Leucokephalos ze 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Platypittamys br 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Deseadomys aramb 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Galileomys euryg 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Willidewu estepa 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Prospani omys pri 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Spani omys ri pari 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Myocastor coypus 1 --> (012) (w i t h i n

Hsearch_Consensus.out

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2 Proechimys cuvier 1 --> terminal
2 Maruchito trilofo 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Makalata didelphi 1 --> (012) (within terminal)
2 Protadelphomys l 1 --> (012) (within terminal)
2 Euryzygomatomys 1 --> (012) (within terminal)
2 Mesocapromys/Mys 1 --> (012) (within terminal)
1 node_181 1 --> 0 node_178
2 Neophanomys bip 0 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prosthichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus rui gomez 1 --> (012) (within terminal)
2 Pampamys emmonsa 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plestiacarechymys 1 --> (012) (within terminal)
2 Sallamys pascual 1 --> (012) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)
2 Eosallamys paula 1 --> (012) (within terminal)
2 Shapajamys laboc 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys ucayalieu 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiycuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphomys pigo 1 --> (012) (within terminal)
2 Metaphomys scha 1 --> (012) (within terminal)
2 Acritophomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)
238 (Complete fusi) 1.000
1 Asteromys punctu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 node_181 0 --> 1 node_178

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Hsearch_Consensus.out

239 (Fusion of the) 1.000

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1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata di delph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Rei throparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bi rbal omys sonda 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bugti mys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 1 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 1 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eostei romys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)

240 (Fusion of the) 1.000

Hsearch_Consensus.out

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1 Miroscleromys p 1 --> (01) (withn terminal)
1 Scleromys quadra 1 --> (01) (withn terminal)
1 Scleromys angust 1 --> (01) (withn terminal)
1 Drytomomys aequa 1 --> (01) (withn terminal)
1 Potamarchus muri 1 --> (01) (withn terminal)
1 Dinomys branicki 1 --> (01) (withn terminal)
1 Neopiblerma ambr 1 --> (01) (withn terminal)
1 Chinchilla lanig 1 --> (01) (withn terminal)
1 Lagidium viscaci 1 --> (01) (withn terminal)
1 Lagostomus maxim 1 --> (01) (withn terminal)
1 Scleromys osborn 1 --> (01) (withn terminal)
1 Eoviscaccia fras 1 --> (01) (withn terminal)
1 Scleromys praecu 1 --> (01) (withn terminal)
1 Chambi ramys ship 1 --> (01) (withn terminal)
1 Eoincamys parvus 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomys pri 0 --> (01) (withn terminal)
1 Spaniomys ripari 0 --> (01) (withn terminal)
1 Myocastor coypus 0 --> (01) (withn terminal)
1 Proechimys cuvie 0 --> (01) (withn terminal)
1 Maruchito trifol 0 --> (01) (withn terminal)
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Echimyss chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prosthichomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocricetus lu 0 --> (01) (withn terminal)
1 Plesiacarechymys 0 --> (01) (withn terminal)
1 Sallamys pascual 0 --> (01) (withn terminal)
1 Mayomys confluen 1 --> (01) (withn terminal)
1 Eosallamys paula 1 --> (01) (withn terminal)
1 Shapajamys laboc 1 --> (01) (withn terminal)
1 Eobranisamys rom 1 --> (01) (withn terminal)
1 Eobranisamys jav 1 --> (01) (withn terminal)
1 Pozomys ucayalie 1 --> (01) (withn terminal)
1 Tarapotomys mayo 1 --> (01) (withn terminal)
1 Tarapotomys suba 1 --> (01) (withn terminal)
1 Cachiycuy kumme 1 --> (01) (withn terminal)
1 Thryonomys swind 1 --> (01) (withn terminal)
1 Paraphiomys pi go 1 --> (01) (withn terminal)
1 Metaphiomys scha 1 --> (01) (withn terminal)
1 Acritophiomys bo 1 --> (01) (withn terminal)
1 Baluchimys barry 1 --> (01) (withn terminal)
241 (Shape of the ) 0.750 1 node_131 2 ==> 0 Hydrochoerus hyd
1 node_134 2 ==> 1 Perimys intermed
1 node_195 2 --> 3 node_194
242 (Shape of the ) 0.750 1 node_179 3 ==> 2 Pithanotomys col
1 node_131 2 ==> 0 Hydrochoerus hyd
1 node_134 2 ==> 1 Perimys intermed
1 node_195 2 --> 3 node_194

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243 (Posterior pro) 0.333

Hsearch_Consensus.out

```
1 node_179 3 ==> 2 Pithanotomys col
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Chachiyacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 node_198 0 --> 1 node_141
1 Protosteirromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 node_131 1 --> 0 Hydrochoerus hyd
1 node_134 1 --> 0 Perimys intermed
1 Neoreomys austral 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

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1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
244 (Lami nes on pr) 0.250
1 node_129 0 ==> 1 Chaetomys subspi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_139 0 ==> 1 Cuni cul us paca-t
1 node_149 0 ==> 1 node_148
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_172
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
245 (Lami nes on pr) 0.200
1 node_129 0 ==> 1 Chaetomys subspi
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_139 0 ==> 1 Cuni cul us paca-t
1 node_149 0 ==> 1 node_148
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_172
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
246 (Lami nes on wo) 0.500
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_149 0 --> 1 node_148
1 node_145 1 --> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
247 (Lami nes on wo) 0.333
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_149 0 --> 1 node_148
1 node_145 1 --> 0 node_144
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
248 (*Number of la) 0.667
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Cocomys ligchaen 1 --> terminal
2 Cocomys ligchaen 1 --> (012) (with terminal)
2 Reithroparamys d 1 --> terminal
2 Reithroparamys d 1 --> (012) (with terminal)
2 Birbalomys sonda 1 --> terminal
2 Birbalomys sonda 1 --> (012) (with terminal)
2 Tamquammys di spi 1 --> terminal
2 Tamquammys di spi 1 --> (012) (with terminal)
2 Chapattimys wils 1 --> terminal
2 Chapattimys wils 1 --> (012) (with terminal)
2 Ottomaniaproavi 1 --> terminal
2 Ottomaniaproavi 1 --> (012) (with terminal)
2 Bugtimys zafarul 1 --> terminal
2 Bugtimys zafarul 1 --> (012) (with terminal)
2 Hodsahibia azrae 1 --> terminal
2 Hodsahibia azrae 1 --> (012) (with terminal)
2 'Waslamys' attia 1 --> terminal
2 'Waslamys' attia 1 --> (012) (with terminal)
2 Phiomys hammudai 1 --> terminal
2 Phiomys hammudai 1 --> (012) (with terminal)
2 Cachiyacuy conta 1 --> terminal
2 Cachiyacuy conta 1 --> (012) (with terminal)
2 Eoespina woodi -E 1 --> terminal
2 Eoespina woodi -E 1 --> (012) (with terminal)
2 Canaanimys maqui 1 --> terminal
2 Canaanimys maqui 1 --> (012) (with terminal)
1 node_198 1 --> 2 node_141
2 Protosteioromys m 2 --> terminal
2 Protosteioromys m 2 --> (012) (with terminal)
2 Eosteioromys homo 2 --> terminal
2 Eosteioromys homo 2 --> (012) (with terminal)
2 Braniamyopsis a 2 --> terminal
2 Braniamyopsis a 2 --> (012) (with terminal)
2 Neosteioromys pat 2 --> terminal
2 Neosteioromys pat 2 --> (012) (with terminal)
2 Erethizon dorsat 2 --> terminal
2 Erethizon dorsat 2 --> (012) (with terminal)
2 Coendou prehensi 2 --> terminal
2 Coendou prehensi 2 --> (012) (with terminal)
2 Steioromys detent 2 --> terminal
2 Steioromys detent 2 --> (012) (with terminal)
2 Hypsosteioromys a 2 --> terminal
2 Hypsosteioromys a 2 --> (012) (with terminal)
2 Palaeosteioromys 2 --> terminal
2 Palaeosteioromys 2 --> (012) (with terminal)
2 Australoprocta f 2 --> terminal
2 Australoprocta f 2 --> (012) (with terminal)
2 Luantus propheti 2 --> terminal
2 Luantus propheti 2 --> (012) (with terminal)
2 Asteromys punctu 2 --> terminal
2 Asteromys punctu 2 --> (012) (with terminal)
2 Dolichotis patag 2 --> terminal
2 Dolichotis patag 2 --> (012) (with terminal)
2 Hydrochoerus hyd 2 --> terminal
2 Hydrochoerus hyd 2 --> (012) (with terminal)
2 Cavia aperea 2 --> terminal
2 Cavia aperea 2 --> (012) (with terminal)
2 Galea spixii 2 --> terminal
2 Galea spixii 2 --> (012) (with terminal)
2 Perimys intermed 2 --> terminal
2 Perimys intermed 2 --> (012) (with terminal)
2 Neoreomys austra 2 --> terminal
2 Neoreomys austra 2 --> (012) (with terminal)
2 Braniamys luri b 2 --> terminal
2 Braniamys luri b 2 --> (012) (with terminal)
2 Dasypsecta 2 --> terminal
2 Dasypsecta 2 --> (012) (with terminal)

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Hsearch_Consensus.out

```
2 Eoincamys pascua 1 --> (012) (w i t h i n
termi nal )
2 Incamys bolivi an 1 --> (012) (w i t h i n
termi nal )
2 Microscleromys p 1 --> (012) (w i t h i n
termi nal )
2 Scleromys quadra 1 --> (012) (w i t h i n
termi nal )
2 Scleromys angust 1 --> (012) (w i t h i n
termi nal )
1 node_148 1 --> 2 node_145
1 node_148 1 ==> 0 node_147
2 Lagostomus maxim 0 --> (012) (w i t h i n
termi nal )
2 Scleromys osborn 1 --> (012) (w i t h i n
termi nal )
2 Garri domys curnu 1 --> (012) (w i t h i n
termi nal )
2 Eoviscaccia fras 1 --> (012) (w i t h i n
termi nal )
2 Eoviscaccia aust 1 --> (012) (w i t h i n
termi nal )
2 Scleromys praecu 1 --> (012) (w i t h i n
termi nal )
2 Chambiramys shi p 1 --> (012) (w i t h i n
termi nal )
2 Eoincamys parvus 1 --> (012) (w i t h i n
termi nal )
2 Chambiramys syl v 1 --> (012) (w i t h i n
termi nal )
2 Eoincamys val ver 1 --> (012) (w i t h i n
termi nal )
2 Eoincamys ameghi 1 --> (012) (w i t h i n
termi nal )
2 Draconomys verai 1 --> (012) (w i t h i n
termi nal )
2 Leucokephal os ze 1 --> (012) (w i t h i n
termi nal )
2 Platypittamys br 1 --> (012) (w i t h i n
termi nal )
2 Deseadomys aramb 1 --> (012) (w i t h i n
termi nal )
2 Acaremys muri nus 1 --> (012) (w i t h i n
termi nal )
2 Sci amys pri nci pa 1 --> (012) (w i t h i n
termi nal )
2 Galileomys euryg 1 --> (012) (w i t h i n
termi nal )
2 Willidewu estepa 1 --> (012) (w i t h i n
termi nal )
2 Prospani omys pri 1 --> (012) (w i t h i n
termi nal )
2 Spani omys ri pari 1 --> (012) (w i t h i n
termi nal )
2 Myocastor coypus 1 --> (012) (w i t h i n
termi nal )
2 Proechi mys cuvie 1 --> (012) (w i t h i n
termi nal )
2 Maruchi to tril of 1 --> (012) (w i t h i n
termi nal )
2 Thrichomys apere 1 --> (012) (w i t h i n
termi nal )
2 Protadel phomys l 1 --> (012) (w i t h i n
termi nal )
2 Euryzygomatomys 1 --> (012) (w i t h i n
termi nal )
2 Mesocapromys/Mys 1 --> (012) (w i t h i n
termi nal )
```

Hsearch_Consensus.out

2 Xenodontomys sim 1 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vi e 1 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)
2 Octodon degus 1 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 1 --> (012) (wi thi n
termi nal)
2 Adelphomys candi 1 --> (012) (wi thi n
termi nal)
2 Prosthomys bow 1 --> (012) (wi thi n
termi nal)
2 Stichomys regula 1 --> (012) (wi thi n
termi nal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
termi nal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
termi nal)
2 Caviocricetus lu 1 --> (012) (wi thi n
termi nal)
2 Plestiacarechymys 1 --> (012) (wi thi n
termi nal)
2 Sallamys pascual 1 --> (012) (wi thi n
termi nal)
2 Mayomys confluen 1 --> (012) (wi thi n
termi nal)
2 Eosallamys paula 1 --> (012) (wi thi n
termi nal)
2 Shapajamys laboc 1 --> (012) (wi thi n
termi nal)
2 Eobranisamys rom 1 --> (012) (wi thi n
termi nal)
2 Eobranisamys jav 1 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal)
2 Thryonomys swind 1 --> (012) (wi thi n
termi nal)
2 Paraphomys pi go 1 --> (012) (wi thi n
termi nal)
2 Metaphomys scha 1 --> (012) (wi thi n
termi nal)
2 Acritophomys bo 1 --> (012) (wi thi n
termi nal)
2 Baluchimys barry 1 --> (012) (wi thi n
termi nal)
249 (*Number of la) 0.667
4 Archetypomys erl 1 --> (01234) (wi thi n
termi nal)
4 Tribosphenomys m 1 --> (01234) (wi thi n
termi nal)
4 Cocomys ligchaen 1 --> (01234) (wi thi n
termi nal)
4 Reithroparamys d 1 --> (01234) (wi thi n
termi nal)
4 Birbalomys sonda 1 --> (01234) (wi thi n
termi nal)

Hsearch_Consensus.out

4 Tamquammys di spi 1 --> (01234) (wi thi n
termi nal)
4 Chapattimys wils 1 --> (01234) (wi thi n
termi nal)
4 Ottomani a proavi 1 --> (01234) (wi thi n
termi nal)
4 Bugtimys zafarul 1 --> (01234) (wi thi n
termi nal)
4 Hodsahi bi a azrae 1 --> (01234) (wi thi n
termi nal)
4 'Wasl amys' attia 1 --> (01234) (wi thi n
termi nal)
4 Phi omys hammudai 1 --> (01234) (wi thi n
termi nal)
4 Cachi yacuy conta 1 --> (01234) (wi thi n
termi nal)
4 Eoespi na woodi -E 1 --> (01234) (wi thi n
termi nal)
4 Canaani mys maqui 1 --> (01234) (wi thi n
termi nal)
1 node_198 1 --> 2 node_141
4 Protostei romys m 2 --> (01234) (wi thi n
termi nal)
4 Eostei romys homo 2 --> (01234) (wi thi n
termi nal)
4 Brani samyopsi s a 2 --> (01234) (wi thi n
termi nal)
4 Neostei romys pat 2 --> (01234) (wi thi n
termi nal)
4 Erethi zon dorsat 2 --> (01234) (wi thi n
termi nal)
4 Coendou prehensi 2 --> (01234) (wi thi n
termi nal)
4 Stei romys detent 2 --> (01234) (wi thi n
termi nal)
4 Hypsostei romys a 2 --> (01234) (wi thi n
termi nal)
4 Pal aeostei romys 2 --> (01234) (wi thi n
termi nal)
2 node_140 2 --> 4 node_138
4 Australoprocta f 4 --> (01234) (wi thi n
termi nal)
4 Luantus propheti 4 --> (01234) (wi thi n
termi nal)
4 Asteromys punctu 4 --> (01234) (wi thi n
termi nal)
4 Dol i choti s patag 4 --> (01234) (wi thi n
termi nal)
4 Cavi a aperea 4 --> (01234) (wi thi n
termi nal)
4 Galea spi xi i 4 --> (01234) (wi thi n
termi nal)
4 Perimys i ntermed 4 --> (01234) (wi thi n
termi nal)
4 Neoreomys austra 4 --> (01234) (wi thi n
termi nal)
4 Brani samys luri b 4 --> (01234) (wi thi n
termi nal)
4 Dasyprocta 2 --> (01234) (wi thi n
termi nal)
4 Eoi ncamys pascua 1 --> (01234) (wi thi n
termi nal)
4 Incamys bol i vi an 1 --> (01234) (wi thi n
termi nal)
4 Mi croscl eromys p 1 --> (01234) (wi thi n
termi nal)
4 Scl eromys quadra 1 --> (01234) (wi thi n
termi nal)

Hsearch_Consensus.out

4 Scleromys angust 1 --> (01234) (wi thi n
 termi nal)
 1 node_148 1 --> 2 node_145
 1 node_144 2 ==> 3 Potamarchus muri
 1 node_147 1 ==> 0 node_146
 4 Lagostomus maxim 1 --> (01234) (wi thi n
 termi nal)
 4 Scleromys osborn 1 --> (01234) (wi thi n
 termi nal)
 4 Garri domys curnu 1 --> (01234) (wi thi n
 termi nal)
 4 Eovi scacci a fras 1 --> (01234) (wi thi n
 termi nal)
 4 Eovi scacci a aust 1 --> (01234) (wi thi n
 termi nal)
 4 Scleromys praecu 1 --> (01234) (wi thi n
 termi nal)
 4 Chambi ramys shi p 1 --> (01234) (wi thi n
 termi nal)
 4 Eoi ncamys parvus 1 --> (01234) (wi thi n
 termi nal)
 4 Chambi ramys syl v 1 --> (01234) (wi thi n
 termi nal)
 4 Eoi ncamys val ver 1 --> (01234) (wi thi n
 termi nal)
 4 Eoi ncamys ameghi 1 --> (01234) (wi thi n
 termi nal)
 4 Draconomys verai 1 --> (01234) (wi thi n
 termi nal)
 4 Leucokephal os ze 1 --> (01234) (wi thi n
 termi nal)
 4 Pl atypi ttamys br 1 --> (01234) (wi thi n
 termi nal)
 4 Deseadomys aramb 1 --> (01234) (wi thi n
 termi nal)
 4 Aca remys muri nus 1 --> (01234) (wi thi n
 termi nal)
 4 Sci amys pri nci pa 1 --> (01234) (wi thi n
 termi nal)
 4 Gal i leomys euryg 1 --> (01234) (wi thi n
 termi nal)
 4 Wi l l i dewu estepa 1 --> (01234) (wi thi n
 termi nal)
 4 Prospani omys pri 1 --> (01234) (wi thi n
 termi nal)
 4 Spani omys ri pari 1 --> (01234) (wi thi n
 termi nal)
 4 Myocastor coypus 1 --> (01234) (wi thi n
 termi nal)
 4 Proechi mys cuvie 1 --> (01234) (wi thi n
 termi nal)
 4 Maruchi to tri l of 1 --> (01234) (wi thi n
 termi nal)
 4 Thri chomys apere 1 --> (01234) (wi thi n
 termi nal)
 4 Protadel phomys l 1 --> (01234) (wi thi n
 termi nal)
 4 Euryzygomatomys 1 --> (01234) (wi thi n
 termi nal)
 4 Mesocapromys/Mys 1 --> (01234) (wi thi n
 termi nal)
 4 Xenodontomys si m 1 --> (01234) (wi thi n
 termi nal)
 4 Ctenomys bol i vi e 1 --> (01234) (wi thi n
 termi nal)
 4 Neophanomys bi pl 1 --> (01234) (wi thi n
 termi nal)
 4 Pi thanotomys col 1 --> (01234) (wi thi n

Hsearch_Consensus.out

```

4 Octodon degus 1 --> (01234) (wi thi n
terminal)
4 Spalacopus cyanu 1 --> (01234) (wi thi n
terminal)
4 Abrocoma bennett 1 --> (01234) (wi thi n
terminal)
4 Adelphomys candi 1 --> (01234) (wi thi n
terminal)
4 Prosthomys bow 1 --> (01234) (wi thi n
terminal)
4 Stichomys regula 1 --> (01234) (wi thi n
terminal)
4 Dudumys rui gomez 1 --> (01234) (wi thi n
terminal)
4 Pampamys emmonsa 1 --> (01234) (wi thi n
terminal)
4 Caviocricetus lu 1 --> (01234) (wi thi n
terminal)
4 Plesiacarechymys 1 --> (01234) (wi thi n
terminal)
4 Sallamys pascual 1 --> (01234) (wi thi n
terminal)
4 Mayomys confluen 1 --> (01234) (wi thi n
terminal)
4 Eosallamys paula 1 --> (01234) (wi thi n
terminal)
4 Shapajamys laboc 1 --> (01234) (wi thi n
terminal)
4 Eobranisamys rom 1 --> (01234) (wi thi n
terminal)
4 Eobranisamys jav 1 --> (01234) (wi thi n
terminal)
4 Pozomys ucayalie 1 --> (01234) (wi thi n
terminal)
4 Tarapotomys mayo 1 --> (01234) (wi thi n
terminal)
4 Tarapotomys suba 1 --> (01234) (wi thi n
terminal)
4 Cachi yacuy kumme 1 --> (01234) (wi thi n
terminal)
4 Thryonomys swind 1 --> (01234) (wi thi n
terminal)
4 Paraphomys pi go 1 --> (01234) (wi thi n
terminal)
4 Metaphomys scha 1 --> (01234) (wi thi n
terminal)
4 Acritophomys bo 1 --> (01234) (wi thi n
terminal)
4 Baluchimys barry 1 --> (01234) (wi thi n
terminal)
250 (Primary exter) 1.000 1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
251 (Secondary ext) 0.500 1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_132 0 ==> 1 Cavia aperea
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
252 (*Length of p4) 0.167 3 Archetypomys erl 3 --> (0123) (wi thi n
terminal)
1 node_218 3 ==> 2 node_217
1 node_118 2 ==> 1 Reithroparamys d
3 Chapattimys wils 2 --> (0123) (wi thi n
terminal)
3 Ottomaniaproavi 2 --> (0123) (wi thi n
terminal)

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Hsearch_Consensus.out

3 Bugtims zafarul 2 --> (0123) (wi thi n
termi nal)
3 Hodsahi bi a azrae 2 --> (0123) (wi thi n
termi nal)
3 Phi omys hammudai 2 --> (0123) (wi thi n
termi nal)
3 Cachi yacuy conta 2 --> (0123) (wi thi n
termi nal)
3 Canaani mys maqui 2 --> (0123) (wi thi n
termi nal)
1 node_205 2 --> 1 node_204
1 node_198 1 ==> 0 node_141
3 Protostei romys m 0 --> (0123) (wi thi n
termi nal)
3 Neostei romys pat 0 --> (0123) (wi thi n
termi nal)
3 Pal aeostei romys 0 --> (0123) (wi thi n
termi nal)
3 Austral oprocta f 0 --> (0123) (wi thi n
termi nal)
1 node_137 0 --> 1 node_136
1 node_135 1 --> 0 Asteromys punctu
1 node_131 1 --> 0 Dol ichoti s patag
1 node_132 1 --> 0 Cavi a aperea
1 node_132 1 ==> 2 Galea spi xi i
3 Brani samys luri b 0 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys pascua 1 --> (0123) (wi thi n
termi nal)
3 Mi croscl eromys p 1 --> (0123) (wi thi n
termi nal)
1 node_154 1 ==> 0 node_153
1 node_149 0 --> 1 node_148
3 Potamarchus muri 1 --> (0123) (wi thi n
termi nal)
1 node_145 1 --> 0 Di nomys brani cki
1 node_146 1 ==> 2 Chi nchi l l a l ani g
1 node_151 0 ==> 1 Eovi scacci a fras
3 Scl eromys praecu 1 --> (0123) (wi thi n
termi nal)
3 Chambi ramys shi p 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys parvus 1 --> (0123) (wi thi n
termi nal)
3 Chambi ramys syl v 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys val ver 1 --> (0123) (wi thi n
termi nal)
3 Eoi ncamys ameghi 1 --> (0123) (wi thi n
termi nal)
1 node_167 1 --> 2 node_166
1 node_163 2 --> 1 Deseadomys aramb
1 node_164 2 --> 1 Acaremys muri nus
3 Prospani omys pri 1 --> (0123) (wi thi n
termi nal)
3 Spani omys ri pari 1 --> (0123) (wi thi n
termi nal)
3 Myocastor coypus 1 --> (0123) (wi thi n
termi nal)
3 Proechi mys cuvi e 1 --> (0123) (wi thi n
termi nal)
3 Maruchi to tri l of 1 --> (0123) (wi thi n
termi nal)
3 Thri chomys apere 1 --> (0123) (wi thi n
termi nal)
3 Echi mys chrysuru 1 --> (0123) (wi thi n
termi nal)
3 Makal ata di del ph 1 --> (0123) (wi thi n

Hsearch_Consensus.out

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3 Euryzygomatomys 1 --> terminal)
3 Mesocapromys/Mys 1 --> (0123) (wi thi n
terminal)
3 Xenodontomys sim 1 --> (0123) (wi thi n
terminal)
3 Ctenomys bol i vie 1 --> (0123) (wi thi n
terminal)
3 Neophanomys bi pl 1 --> (0123) (wi thi n
terminal)
3 Pi thanotomys col 1 --> (0123) (wi thi n
terminal)
3 Octodon degus 1 --> (0123) (wi thi n
terminal)
3 Spalacopus cyanu 1 --> (0123) (wi thi n
terminal)
3 Abrocoma bennett 1 --> (0123) (wi thi n
terminal)
3 Adelphomys candi 1 --> (0123) (wi thi n
terminal)
3 Prosti chomys bow 1 --> (0123) (wi thi n
terminal)
3 Sti chomys regul a 1 --> (0123) (wi thi n
terminal)
3 Dudumus rui gomez 1 --> (0123) (wi thi n
terminal)
3 Pampamys emmonsa 1 --> (0123) (wi thi n
terminal)
3 Cavi ocricetus lu 1 --> (0123) (wi thi n
terminal)
3 Ple si acarechi mys 1 --> (0123) (wi thi n
terminal)
1 node_193 1 ==> 2 Sal lamys pascual
3 Mayomys confl uen 1 --> (0123) (wi thi n
terminal)
3 Eosal lamys paul a 1 --> (0123) (wi thi n
terminal)
3 Shapaj amys laboc 1 --> (0123) (wi thi n
terminal)
3 Eobrani samys rom 1 --> (0123) (wi thi n
terminal)
3 Eobrani samys jav 1 --> (0123) (wi thi n
terminal)
3 Pozomys ucayal ie 1 --> (0123) (wi thi n
terminal)
3 Tarapotomys mayo 1 --> (0123) (wi thi n
terminal)
3 Tarapotomys suba 1 --> (0123) (wi thi n
terminal)
3 Cachi yacuy kumme 2 --> (0123) (wi thi n
terminal)
3 Thryonomys swi nd 2 --> (0123) (wi thi n
terminal)
3 Paraphi omys pi go 2 --> (0123) (wi thi n
terminal)
3 Metaphi omys scha 2 --> (0123) (wi thi n
terminal)
3 Acri tophi omys bo 2 --> (0123) (wi thi n
terminal)
3 Bal uchi mys barry 2 --> (0123) (wi thi n
terminal)
253 (Width of p4/m) 0.111
1 Archetypomys erl 1 --> (01) (wi thi n terminal)
1 node_217 1 ==> 0 node_118
1 Chapatti mys wi ls 1 --> (01) (wi thi n terminal)
1 Ottomani a proavi 1 --> (01) (wi thi n terminal)
1 Bugti mys zafarul 1 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

```

1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_205 1 --> 0 node_204
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_134 0 --> 1 node_133
1 node_132 1 --> 0 Cavi a aperea
1 Eoi ncamys pa scua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_146 0 ==> 1 Lagi di um vi scaci
1 node_151 0 ==> 1 Eovi scacci a fras
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 node_194 0 ==> 1 node_193
1 node_163 1 ==> 0 Deseadomys aramb
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 2 --> (012) (wi thi n
termi nal)
1 node_218 2 ==> 1 Cocomys li gchaen
2 node_216 2 ==> 0 Tamquammys di spi
2 Ottomani a proavi 2 --> (012) (wi thi n

```

Hsearch_Consensus.out

```

2 Canaanimys maqui 2 --> terminal
2 Protosteioromys m 2 --> (012) (within
terminal)
2 Neosteioromys pat 2 --> (012) (within
terminal)
1 node_129 2 ==> 1 Chaetomys subspi
2 Palaeosteioromys 2 --> (012) (within
terminal)
1 node_133 2 ==> 1 node_131
1 node_140 2 ==> 1 node_139
2 Potamarchus muri 2 --> (012) (within
terminal)
1 node_147 2 ==> 1 Lagostomus maxi m
2 Scleromys praecu 2 --> (012) (within
terminal)
2 Chambi ramys shi p 2 --> (012) (within
terminal)
2 Eoincamys parvus 2 --> (012) (within
terminal)
2 Eoincamys val ver 2 --> (012) (within
terminal)
1 Platypittamys br 2 --> (12) (within terminal)
2 Prospani omys pri 2 --> (012) (within
terminal)
2 Spani omys ri pari 2 --> (012) (within
terminal)
2 Myocastor coypus 2 --> (012) (within
terminal)
2 Proechi mys cuvie 2 --> (012) (within
terminal)
2 Maruchi to tri l of 2 --> (012) (within
terminal)
2 Thri chomys apere 2 --> (012) (within
terminal)
2 Echi mys chrysuru 2 --> (012) (within
terminal)
2 Makal ata di del ph 2 --> (012) (within
terminal)
2 Euryzygomatomys 2 --> (012) (within
terminal)
2 Mesocapromys/Mys 2 --> (012) (within
terminal)
2 Xenodontomys si m 2 --> (012) (within
terminal)
2 Ctenomys bol i vi e 2 --> (012) (within
terminal)
2 Neophanomys bi pl 2 --> (012) (within
terminal)
2 Pi thanotomys col 2 --> (012) (within
terminal)
2 Octodon degus 2 --> (012) (within
terminal)
2 Spal acopus cyanu 2 --> (012) (within
terminal)
2 Abrocoma bennett 2 --> (012) (within
terminal)
2 Adel phomys candi 2 --> (012) (within
terminal)
2 Prosti chomys bow 2 --> (012) (within
terminal)
2 Sti chomys regul a 2 --> (012) (within
terminal)
2 Dudumus rui gomez 2 --> (012) (within
terminal)
2 Pampamys emmonsa 2 --> (012) (within
terminal)

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Hsearch_Consensus.out

```
2 Caviocricetus lu 2 --> (012) (with terminal)
2 Plesiacarechymys 2 --> (012) (with terminal)
2 Eosallamys paula 2 --> (012) (with terminal)
2 Shapajamys laboc 2 --> (012) (with terminal)
2 Eobraniamys rom 2 --> (012) (with terminal)
2 Eobraniamys jav 2 --> (012) (with terminal)
2 Tarapotomys suba 2 --> (012) (with terminal)
2 Thryonomys swind 2 --> (012) (with terminal)
2 Paraphomys pi go 2 --> (012) (with terminal)
2 Metaphomys scha 2 --> (012) (with terminal)
2 Baluchimys barry 2 --> (012) (with terminal)
255 (Anterior cing) 0.667
1 Archetypomys erl 0 --> (01) (with terminal)
1 node_213 0 ==> 1 Ottomaniaproavi
1 node_119 0 ==> 1 Hodsahibi azrae
1 Canaanimys maqui 0 --> (01) (with terminal)
1 Protosteiromys m 0 --> (01) (with terminal)
1 Neosteiromys pat 0 --> (01) (with terminal)
1 Palaeosteiromys 0 --> (01) (with terminal)
1 Potamarchus muri 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> (01) (with terminal)
1 Chambiramys ship 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Eoincamys valver 0 --> (01) (with terminal)
1 Prospaniomys pri 0 --> (01) (with terminal)
1 Spaniomys ripari 0 --> (01) (with terminal)
1 Myocastor coypus 0 --> (01) (with terminal)
1 Proechimys cuvie 0 --> (01) (with terminal)
1 Maruchito trilof 0 --> (01) (with terminal)
1 Thrichomys apere 0 --> (01) (with terminal)
1 Echimysochrysuru 0 --> (01) (with terminal)
1 Makalata didelph 0 --> (01) (with terminal)
1 Euryzygomatomys 0 --> (01) (with terminal)
1 Mesocapromys/Mys 0 --> (01) (with terminal)
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Ctenomys bolivi 0 --> (01) (with terminal)
1 Neophanomys bip 0 --> (01) (with terminal)
1 Pi thanotomys col 0 --> (01) (with terminal)
1 Octodon degus 0 --> (01) (with terminal)
1 Spalacopus cyanu 0 --> (01) (with terminal)
1 Abrocoma bennett 0 --> (01) (with terminal)
1 Adelphomys candi 0 --> (01) (with terminal)
1 Prostichomys bow 0 --> (01) (with terminal)
1 Stichomys regula 0 --> (01) (with terminal)
1 Dudumus rui gomez 0 --> (01) (with terminal)
1 Pampamys emmonsa 0 --> (01) (with terminal)
1 Caviocricetus lu 0 --> (01) (with terminal)
1 Plesiacarechymys 0 --> (01) (with terminal)
1 Eosallamys paula 0 --> (01) (with terminal)
1 Eobraniamys rom 0 --> (01) (with terminal)
1 Eobraniamys jav 0 --> (01) (with terminal)
1 Tarapotomys suba 0 --> (01) (with terminal)
1 Thryonomys swind 0 --> (01) (with terminal)
1 Paraphomys pi go 0 --> (01) (with terminal)
1 Metaphomys scha 0 --> (01) (with terminal)
1 Acritophiomys bo 0 --> (01) (with terminal)
1 Baluchimys barry 0 --> (01) (with terminal)
256 (*Development) 0.308
2 Archetypomys erl 1 --> (012) (with terminal)
```

Hsearch_Consensus. out

```

1          node_219 1 --> 2 Tri bosphenomys m
1          node_218 1 ==> 0 Cocomys ligchaen
1          node_118 1 ==> 0 Reithroparamys d
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1          node_120 1 ==> 2 node_119
1          node_207 1 ==> 0 Phi omys hammudai
2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
1          node_141 1 --> 0 node_130
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
2          node_127 0 ==> 2 node_126
2 Neostei romys pat 2 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
1          node_135 1 ==> 0 Asteromys punctu
1          node_135 1 --> 2 node_134
2 Dol i choti s patag 2 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 2 --> (012) (wi thi n
termi nal)
2 Cavi a aperea 2 --> (012) (wi thi n
termi nal)
2 Galea spi xi i 2 --> (012) (wi thi n
termi nal)
2 Neoreomys austra 1 --> (012) (wi thi n
termi nal)
2 Brani samys luri b 1 --> (012) (wi thi n
termi nal)
2 Dasyprocta 1 --> (012) (wi thi n
termi nal)
1          node_195 1 ==> 2 node_161
2 Eoi ncamys pascua 2 --> (012) (wi thi n
termi nal)
1          node_142 2 ==> 1 Mi crocl eromys p
1          node_150 2 --> 1 node_149
1          node_148 1 --> 2 node_145
2 Drytomomys aequa 2 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
1          node_147 1 ==> 0 Neoepi bl ema ambr
1          node_146 1 --> 2 Chi nchi l l a l ani g
2 Lagostomus maxi m 1 --> (012) (wi thi n
termi nal)
1          node_152 2 ==> 1 Garri domys curnu
2 Scl eromys praecu 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 2 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
termi nal)
1          node_162 1 ==> 0 Draconomys verai
1 Gal i leomys euryg 1 --> (12) (wi thi n termi nal)
2 Prospani omys pri 1 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 1 --> (012) (wi thi n
termi nal)

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Hsearch_Consensus.out

```
2 Myocastor coypus 1 --> (012) (w i t h i n
termi nal )
2 Proechi mys cuvie 1 --> (012) (w i t h i n
termi nal )
2 Maruchi to tri lof 1 --> (012) (w i t h i n
termi nal )
2 Thri chomys apere 1 --> (012) (w i t h i n
termi nal )
2 Echi mys chrysuru 1 --> (012) (w i t h i n
termi nal )
2 Makal ata di del ph 1 --> (012) (w i t h i n
termi nal )
2 Euryzygomatomys 1 --> (012) (w i t h i n
termi nal )
2 Mesocapromys/Mys 1 --> (012) (w i t h i n
termi nal )
2 Xenodontomys si m 1 --> (012) (w i t h i n
termi nal )
2 Ctenomys bol i vie 1 --> (012) (w i t h i n
termi nal )
2 Neophanomys bi pl 1 --> (012) (w i t h i n
termi nal )
2 Pi thanotomys col 1 --> (012) (w i t h i n
termi nal )
2 Octodon degus 1 --> (012) (w i t h i n
termi nal )
2 Spal acopus cyanu 1 --> (012) (w i t h i n
termi nal )
2 Abrocoma bennett 1 --> (012) (w i t h i n
termi nal )
2 Adel phomys candi 1 --> (012) (w i t h i n
termi nal )
2 Prosti chomys bow 1 --> (012) (w i t h i n
termi nal )
2 Sti chomys regul a 1 --> (012) (w i t h i n
termi nal )
2 Dudumus rui gomez 1 --> (012) (w i t h i n
termi nal )
2 Pampamys emmonsa 1 --> (012) (w i t h i n
termi nal )
2 Cavi ocricetus lu 1 --> (012) (w i t h i n
termi nal )
2 Pl esi acarechi mys 1 --> (012) (w i t h i n
termi nal )
1 node_193 1 ==> 2 Sal lamys pascual
2 Eosal lamys paul a 1 --> (012) (w i t h i n
termi nal )
2 Eobrani samys rom 1 --> (012) (w i t h i n
termi nal )
2 Eobrani samys j av 1 --> (012) (w i t h i n
termi nal )
1 node_203 1 --> 2 node_202
2 Tarapotomys suba 2 --> (012) (w i t h i n
termi nal )
2 Cachi yacuy kumme 1 --> (012) (w i t h i n
termi nal )
2 Thryonomys swi nd 1 --> (012) (w i t h i n
termi nal )
2 Paraphi omys pi go 1 --> (012) (w i t h i n
termi nal )
2 Metaphi omys scha 1 --> (012) (w i t h i n
termi nal )
2 Acri tophi omys bo 1 --> (012) (w i t h i n
termi nal )
2 Bal uchi mys barry 1 --> (012) (w i t h i n
termi nal )
257 (Metaconi d-pro) 0.333 1 Archetypomys erl 0 --> (01) (w i t h i n termi nal )
1 node_217 0 ==> 1 node_118
```

Hsearch_Consensus.out

1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 node_143 0 ==> 1 Scleromys quadra
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 node_146 0 ==> 1 Chinchilla lanig
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 node_216 1 ==> 0 Tamquammys di spi
 1 Cachi yacuy conta 1 --> (12) (wi thi n termi nal)
 1 Eoespina woodi -E 1 --> (12) (wi thi n termi nal)
 1 node_127 1 --> 2 node_126
 1 node_125 2 --> 1 Erethizon dorsat
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 node_140 1 --> 2 node_138
 1 node_137 2 --> 1 Australoprocta f
 1 node_135 2 --> 1 Asteromys punctu
 1 node_142 1 ==> 2 Incamys bolivi an
 1 node_153 1 ==> 2 node_150
 1 node_143 2 ==> 1 Scleromys quadra
 1 node_146 2 ==> 1 Chinchilla lanig
 1 Acaremys murinus 1 --> (12) (wi thi n termi nal)
 1 node_196 1 ==> 2 Mayomys confluen
 1 node_201 1 --> 2 node_200
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)

258 (*Position of) 0.375

259 (Metalophulid) 0.429

Hsearch_Consensus.out

```

1      node_213 0 ==> 1 Ottomani a proavi
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1      node_136 0 ==> 1 node_135
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1      Cavi a aperea 1 --> (01) (wi thi n termi nal)
1      Galea spi xii 1 --> (01) (wi thi n termi nal)
1      node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1      node_147 1 --> 0 Neoepi bl ema ambr
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1      node_165 0 ==> 1 Gal ileomys euryg
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
1 Eosal lamy s paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1      node_219 0 --> 1 Tri bosphenomys m
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1      node_213 0 ==> 1 Ottomani a proavi
1      node_120 0 --> 1 node_119
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 node_136 0 ==> 1 node_135
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 node_147 1 --> 0 Neoeplemyia ambr
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eoiscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 node_165 0 ==> 1 Galileomys euryg
1 Prospaniomyia pri 0 --> (01) (wi thi n termi nal)
1 Spaniomyia ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilofo 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelphi 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacaechimys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphimys pigo 0 --> (01) (wi thi n termi nal)
1 Metaphimys scha 0 --> (01) (wi thi n termi nal)
1 Acritophimys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_118
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomaniaproavi
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_138 0 --> 1 node_137
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 node_156 0 --> 1 node_155
1 Incamys bolivian 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_147 1 ==> 0 Neoepelema ambr
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 node_193 0 ==> 1 node_192
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 node_165 1 --> 0 node_164
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trifol 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechimis 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 262 (Labi al connec) 0.588
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 Cocomys li gchaen
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 node_215 0 --> 1 node_214
 1 node_120 1 --> 0 node_119
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 node_140 1 --> 0 node_138
 1 Luantus propheti 0 --> (02) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 node_149 1 --> 2 node_143
 1 Scl eromys angust 2 --> (12) (wi thi n termi nal)
 1 node_153 1 ==> 0 node_152
 1 node_195 1 ==> 0 node_194
 1 node_164 0 ==> 1 Acaremys muri nus
 263 (Posterior arm) 0.286
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 node_137 0 ==> 1 node_136
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 node_139 0 ==> 1 Cuni cul us paca-t
 1 node_156 0 --> 1 node_155
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 node_148 1 ==> 0 node_147
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 node_195 0 ==> 1 node_194
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthomys bow 1 --> (01) (wi thi n termi nal)
1 Stenomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumys rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesiacaechimys 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphimys pigo 0 --> (01) (wi thi n termi nal)
1 Metaphimys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_118 0 ==> 1 Birbalomys sonda
1 node_216 0 ==> 1 node_215
1 Ottomania proavi 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protostenomys m 1 --> (01) (wi thi n termi nal)
1 Neostenomys pat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaestenomys 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bolivian 1 --> (01) (wi thi n termi nal)
1 Micromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypitamus br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)

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264 (Thickness of) 0.500

Hsearch_Consensus.out

1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sall amys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosall amys paul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swi nd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l)
 265 (Mesostylid on) 0.583
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugti mys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_212 0 ==> 1 node_211
 1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_127 1 ==> 0 Stei romys detent
 1 node_129 1 ==> 0 Chaetomys subspi
 1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_135 1 ==> 0 Asteromys punctu
 1 Dol i chotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_152 1 --> 0 node_151
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scl eromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_195 1 ==> 0 node_194
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Wi lli dewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to tri lof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
 2 Rei throparamys d 1 --> (012) (wi thi n
termi nal)
 2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
 2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
 2 'Wasl amys' atti a 1 --> (012) (wi thi n
termi nal)
 1 Phi omys hammudai 1 --> (12) (wi thi n termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
termi nal)
 2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
 2 Brani samyopsi s a 1 --> (012) (wi thi n
termi nal)
 2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
 2 Chaetomys subspi 1 --> (012) (wi thi n
termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
 1 node_141 1 ==> 0 node_140
 2 Austral oprocta f 0 --> (012) (wi thi n
termi nal)
 2 Asteromys punctu 0 --> (012) (wi thi n

266 (*Anterior iso) 0.846

Hsearch_Consensus.out

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2 Dolichotis patag 0 --> terminal)
2 Dolichotis patag 0 --> (012) (within
terminal)
2 Hydrochoerus hyd 0 --> (012) (within
terminal)
2 Cavia aperea 0 --> (012) (within
terminal)
2 Galea spixii 0 --> (012) (within
terminal)
2 Neoreomys austra 0 --> (012) (within
terminal)
1 Brani samys luri b 0 --> (01) (within terminal)
2 Dasyprocta 0 --> (012) (within
terminal)
1 node_156 1 --> 0 node_155
2 Microscleromys p 0 --> (012) (within
terminal)
2 Potamarchus muri 0 --> (012) (within
terminal)
2 Dinomys branickei 0 --> (012) (within
terminal)
2 Neopibelema ambr 0 --> (012) (within
terminal)
2 Chinchilla lanig 0 --> (012) (within
terminal)
2 Lagidium viscaci 0 --> (012) (within
terminal)
2 Lagostomus maxim 0 --> (012) (within
terminal)
2 Scleromys osborn 0 --> (012) (within
terminal)
2 Eviscaccia fras 0 --> (012) (within
terminal)
2 Eviscaccia aust 0 --> (012) (within
terminal)
2 Scleromys praecu 0 --> (012) (within
terminal)
2 Chambi ramys ship 1 --> (012) (within
terminal)
2 Eoincamys parvus 1 --> (012) (within
terminal)
2 Eoincamys valver 1 --> (012) (within
terminal)
2 Eoincamys ameghi 1 --> (012) (within
terminal)
1 node_195 1 --> 0 node_194
2 Draconomys verai 0 --> (012) (within
terminal)
2 Leucokephalos ze 0 --> (012) (within
terminal)
2 Platypittamys br 0 --> (012) (within
terminal)
2 Deseadomys aramb 0 --> (012) (within
terminal)
2 Acaemys murinus 0 --> (012) (within
terminal)
2 Galileomys euryg 0 --> (012) (within
terminal)
2 Prospani omys pri 0 --> (012) (within
terminal)
2 Spani omys ripari 0 --> (012) (within
terminal)
2 Myocastor coypus 0 --> (012) (within
terminal)
2 Proechimys cuvie 0 --> (012) (within
terminal)
2 Maruchito triflo 0 --> (012) (within
terminal)

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Hsearch_Consensus.out

```
2 Thrichomys apere 0 --> (012) (wi thi n
termi nal )
2 Echi mys chrysuru 0 --> (012) (wi thi n
termi nal )
2 Makal ata di del ph 0 --> (012) (wi thi n
termi nal )
2 Protadel phomys l 0 --> (012) (wi thi n
termi nal )
2 Euryzygomatomys 0 --> (012) (wi thi n
termi nal )
2 Mesocapromys/Mys 0 --> (012) (wi thi n
termi nal )
2 Xenodontomys si m 0 --> (012) (wi thi n
termi nal )
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
termi nal )
2 Neophanomys bi pl 0 --> (012) (wi thi n
termi nal )
2 Pi thanotomys col 0 --> (012) (wi thi n
termi nal )
2 Octodon degus 0 --> (012) (wi thi n
termi nal )
2 Spal acopus cyanu 0 --> (012) (wi thi n
termi nal )
2 Abrocoma bennett 0 --> (012) (wi thi n
termi nal )
2 Adel phomys candi 0 --> (012) (wi thi n
termi nal )
2 Prosti chomys bow 0 --> (012) (wi thi n
termi nal )
2 Sti chomys regul a 0 --> (012) (wi thi n
termi nal )
2 Dudumus rui gomez 0 --> (012) (wi thi n
termi nal )
2 Pampamys emmonsa 0 --> (012) (wi thi n
termi nal )
2 Cavi ocricetus l u 0 --> (012) (wi thi n
termi nal )
2 Ple si acarechi mys 0 --> (012) (wi thi n
termi nal )
1 node_196 1 ==> 2 Mayomys confl uen
2 Eosal lamys paul a 1 --> (012) (wi thi n
termi nal )
2 Eobrani samys rom 1 --> (012) (wi thi n
termi nal )
2 Eobrani samys j av 1 --> (012) (wi thi n
termi nal )
2 Pozomys ucayal i e 1 --> (012) (wi thi n
termi nal )
2 Tarapotomys mayo 1 --> (012) (wi thi n
termi nal )
2 Tarapotomys suba 1 --> (012) (wi thi n
termi nal )
2 Cachi yacuy kumme 1 --> (012) (wi thi n
termi nal )
2 Thryonomys swi nd 1 --> (012) (wi thi n
termi nal )
2 Paraphi omys pi go 1 --> (012) (wi thi n
termi nal )
2 Metaphi omys scha 1 --> (012) (wi thi n
termi nal )
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal )
2 Bal uchi mys barry 1 --> (012) (wi thi n
termi nal )
267 (Buccal metaco) 0.667
1 Archetypomys erl 0 --> (01) (wi thi n termi nal )
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal )
1 node_118 0 ==> 1 Bi rbal omys sonda
1 node_212 0 --> 1 node_120
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Hsearch_Consensus.out

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1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protoste i romys m 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neoste i romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_136 0 ==> 1 node_135
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoer us hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 node_143 0 ==> 1 Scl eromys quadra
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 node_152 0 --> 1 node_151
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_192 0 --> 1 node_167
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)

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268 (Neocristid on) 0.250

Hsearch_Consensus.out

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteimys m 0 --> (01) (wi thi n termi nal)
1 node_124 0 --> 1 node_123
1 Neosteimys pat 1 --> (01) (wi thi n termi nal)
1 node_127 0 ==> 1 Steimys detent
1 Palaeosteimys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 node_138 0 ==> 1 Brani samys luri b
1 node_139 0 ==> 1 Dasypsecta
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampanomys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechomys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_141 0 ==> 1 node_130
1 Protosteimys m 1 --> (01) (wi thi n termi nal)
1 Eosteimys homo 1 --> (01) (wi thi n termi nal)
1 Neosteimys pat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Palaeosteimys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)

269 (Posterior arm) 0.545

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1   node_150 0 ==> 1 node_149
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1   node_152 0 ==> 1 Garri domys curnu
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1   node_203 0 ==> 1 Pozomys ucayalie
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1   node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1   node_215 1 --> 3 node_214
1 'Wasl amys' attia 3 --> (03) (wi thi n termi nal)
1 Phi omys hammudai 3 --> (03) (wi thi n termi nal)
1   node_205 3 --> 2 node_122
1 Eoespi na woodi -E 2 --> (02) (wi thi n termi nal)
1   node_204 3 --> 0 node_201
1   node_140 0 --> 2 node_138
1   node_137 2 --> 3 node_136
1 Eoincamys pascua 0 --> (02) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (02) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (03) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (02) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (03) (wi thi n termi nal)

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Hsearch_Consensus.out

1 node_166 0 ==> 3 node_165
1 Acaremys murinus 3 --> (03) (with in terminal)
1 Sci amys princi pa 3 --> (34) (with in terminal)
1 Gal ileomys euryg 3 --> (13) (with in terminal)
1 Sal lamys pascual 0 --> (03) (with in terminal)
1 node_206 3 ==> 1 Cachi yacuy kumme
271 (Double lingua) 1.000
1 Acri tophi omys bo 3 --> (03) (with in terminal)
1 Bugti mys zafarul 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (02) (with in terminal)
1 Eoespi na woodi -E 0 --> (02) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Acaremys murinus 0 --> (01) (with in terminal)
1 Sci amys princi pa 0 --> (01) (with in terminal)
1 Acri tophi omys bo 0 --> (01) (with in terminal)
272 (Neomesol ophi d) 0.632
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Bugti mys zafarul 0 --> (01) (with in terminal)
1 Phi omys hammudai 0 --> (01) (with in terminal)
1 node_205 0 --> 1 node_122
1 Eoespi na woodi -E 1 --> (01) (with in terminal)
1 Canaani mys maqui 1 --> (01) (with in terminal)
1 node_198 0 --> 1 node_141
1 Protostei romys m 1 --> (01) (with in terminal)
1 Eostei romys homo 1 --> (01) (with in terminal)
1 Neostei romys pat 1 --> (01) (with in terminal)
1 Coendou prehensi 1 --> (01) (with in terminal)
1 node_130 1 --> 0 node_129
1 Hypsostei romys a 0 --> (01) (with in terminal)
1 Pal aeostei romys 1 --> (01) (with in terminal)
1 node_137 1 --> 0 node_136
1 Luantus propheti 0 --> (01) (with in terminal)
1 Dol ichoti s patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavi a aperea 0 --> (01) (with in terminal)
1 Galea spi xi i 0 --> (01) (with in terminal)
1 Peri mys intermed 0 --> (01) (with in terminal)
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Dasyprocta 1 --> (01) (with in terminal)
1 node_195 0 ==> 1 node_161
1 Eoi ncamys pascua 1 --> (01) (with in terminal)
1 Incamys bol i vi an 1 --> (01) (with in terminal)
1 node_150 1 --> 0 node_149
1 Scl eromys angust 0 --> (01) (with in terminal)
1 node_148 0 --> 1 node_145
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 node_152 1 --> 0 node_151
1 Eovi scacci a fras 0 --> (01) (with in terminal)
1 Scl eromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys shi p 1 --> (01) (with in terminal)
1 Eoi ncamys parvus 1 --> (01) (with in terminal)
1 Eoi ncamys val ver 1 --> (01) (with in terminal)
1 Leucokephal os ze 0 --> (01) (with in terminal)
1 Will idewu estepa 0 --> (01) (with in terminal)
1 Prospani omys pri 0 --> (01) (with in terminal)
1 Spani omys ri pari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Proechi mys cuvie 0 --> (01) (with in terminal)
1 Maruchi to tri lof 0 --> (01) (with in terminal)
1 Thri chomys apere 0 --> (01) (with in terminal)
1 Echi mys chrysuru 0 --> (01) (with in terminal)
1 Makal ata di del ph 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bol i vi e 0 --> (01) (with in terminal)
1 Neophanomys bi pl 0 --> (01) (with in terminal)
1 Pi thanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)

Hsearch_Consensus.out

273 (Mesiolabiato) 0.857

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1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalieu 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphomys pigo 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys schae 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperrea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galeaspixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_153 0 ==> 1 node_150
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 node_159 0 ==> 1 Chambi ramys syl v
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Pleiacarechymys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomania proavi 0 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
 1 Branisamyopsis a 0 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
 1 Steioromys detent 0 --> (01) (wi thi n termi nal)
 1 Hyposteioromys a 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)

274 (Intensity of) 1.000

Hsearch_Consensus.out

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1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platyptamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

275 (Labial connec) 1.000

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1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteirromys m 0 --> (01) (wi thi n termi nal)
1 Eosteirromys homo 0 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 0 --> (01) (wi thi n termi nal)
1 Hyposteirromys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteirromys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Micromys p 0 --> (01) (wi thi n termi nal)
1 node_154 0 ==> 1 node_153
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypitmys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pitnanotomys col 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_118 0 ==> 1 Bi rbal omys sonda
 1 node_215 0 ==> 1 Chapatti mys wil s
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 node_124 0 --> 1 node_123
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)

276 (Mesoconi d on) 0.714

Hsearch_Consensus.out

1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_130 0 --> 1 node_128
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Palaeostei romys 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)

277 (Mesol ophi d on) 0.929

Hsearch_Consensus.out

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1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 node_201 0 --> 1 node_200
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wil s 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 node_127 0 ==> 1 Stei romys detent
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branickei 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)

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278 (Length of the) 1.000

Hsearch_Consensus.out

1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys shi p 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Chambi ramys syl v 0 --> (01) (with in terminal)
 1 Eoincamys val ver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucocephalos ze 0 --> (01) (with in terminal)
 1 Platypittamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Willidewu estepa 0 --> (01) (with in terminal)
 1 Prospaniomy s pri 0 --> (01) (with in terminal)
 1 Spaniomy s ri pari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechiomy s cuvie 0 --> (01) (with in terminal)
 1 Maruchito trilof 0 --> (01) (with in terminal)
 1 Thrichomy s apere 0 --> (01) (with in terminal)
 1 Echiomy s chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivi e 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosti chomy s bow 0 --> (01) (with in terminal)
 1 Sti chomy s regul a 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Cavi ocricetus lu 0 --> (01) (with in terminal)
 1 Plesi acarechi mys 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosal lamys paul a 0 --> (01) (with in terminal)
 1 Eobranisamys rom 0 --> (01) (with in terminal)
 1 Eobranisamys jav 0 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Cachi yacuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphiomy s pi go 0 --> (01) (with in terminal)
 1 Metaphiomy s scha 0 --> (01) (with in terminal)
 1 Acritophiomy s bo 0 --> (01) (with in terminal)
 1 Baluchi mys barry 0 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 node_218 0 ==> 1 node_217
 1 node_213 1 ==> 0 Ottomani a proavi
 1 Canaanimys maqui 1 --> (01) (with in terminal)
 1 Protostei romys m 1 --> (01) (with in terminal)
 1 Neostei romys pat 1 --> (01) (with in terminal)
 1 Palaeostei romys 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Potamarchus muri 1 --> (01) (with in terminal)
 1 Lagidium vi scaci 1 --> (01) (with in terminal)
 1 Lagostomus maxi m 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 Chambi ramys shi p 1 --> (01) (with in terminal)
 1 Eoincamys parvus 1 --> (01) (with in terminal)

279 (Ectolophid on) 0.500

Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (with terminal)
 1 Prospaniomyss pri 1 --> (01) (with terminal)
 1 Spaniomyss ripari 1 --> (01) (with terminal)
 1 Myocastor coypus 1 --> (01) (with terminal)
 1 Proechiomyss cuvie 1 --> (01) (with terminal)
 1 Maruchito trilof 1 --> (01) (with terminal)
 1 Thrichomys apere 1 --> (01) (with terminal)
 1 Echiomyss chrysuru 1 --> (01) (with terminal)
 1 Makalata didelph 1 --> (01) (with terminal)
 1 Euryzygomatomys 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivie 1 --> (01) (with terminal)
 1 Neophanomyss bipl 1 --> (01) (with terminal)
 1 Pi thanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 Prosti chomys bow 1 --> (01) (with terminal)
 1 Stichomys regula 1 --> (01) (with terminal)
 1 Dudumus rui gomez 1 --> (01) (with terminal)
 1 Pampamys emmonsa 1 --> (01) (with terminal)
 1 Caviocri cetus lu 1 --> (01) (with terminal)
 1 Plesi acarechi mys 1 --> (01) (with terminal)
 1 Eosallamys paula 1 --> (01) (with terminal)
 1 Eobrani samys rom 1 --> (01) (with terminal)
 1 Eobrani samys jav 1 --> (01) (with terminal)
 1 Tarapotomys suba 1 --> (01) (with terminal)
 1 Thryonomys swind 1 --> (01) (with terminal)
 1 Paraphiomyss pi go 1 --> (01) (with terminal)
 1 Metaphiomyss scha 1 --> (01) (with terminal)
 1 Baluchi mys barry 1 --> (01) (with terminal)
 2 Archetypomys erl 1 --> (012) (with terminal)
 2 Tri bosphenomys m 1 --> (012) (with terminal)
 2 Cocomys ligchaen 1 --> (012) (with terminal)
 1 node_216 1 ==> 2 node_215
 2 Ottomani a proavi 2 --> (012) (with terminal)
 2 Canaani mys maqui 2 --> (012) (with terminal)
 2 Protosteiromys m 2 --> (012) (with terminal)
 2 Neosteiromys pat 2 --> (012) (with terminal)
 2 Palaeosteiromys 2 --> (012) (with terminal)
 2 Australoprocta f 2 --> (012) (with terminal)
 2 Luantus propheti 2 --> (012) (with terminal)
 2 Dolichotis patag 2 --> (012) (with terminal)
 2 Hydrochoerus hyd 2 --> (012) (with terminal)
 2 Cavia aperea 2 --> (012) (with terminal)
 2 Galea spixii 2 --> (012) (with terminal)
 2 Perimys intermed 2 --> (012) (with terminal)
 2 Neoreomys austra 2 --> (012) (with terminal)
 2 Dasypsecta 2 --> (012) (with terminal)

280 (*Height of th) 0.667

Hsearch_Consensus.out

2 Cuniculus paca-t 2 --> (012) (wi thi n
termi nal)
2 Microscleromys p 2 --> (012) (wi thi n
termi nal)
2 node_154 2 --> 0 node_153
2 Scleromys quadra 0 --> (012) (wi thi n
termi nal)
2 Scleromys angust 0 --> (012) (wi thi n
termi nal)
2 Drytomomys aequa 0 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 0 --> (012) (wi thi n
termi nal)
2 Dinomys brani cki 0 --> (012) (wi thi n
termi nal)
2 Neoeppi blema ambr 0 --> (012) (wi thi n
termi nal)
2 Chinchilla lani g 0 --> (012) (wi thi n
termi nal)
2 Lagidium viscaci 0 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
termi nal)
2 Scleromys osborn 0 --> (012) (wi thi n
termi nal)
2 Eoviscaccia fras 0 --> (012) (wi thi n
termi nal)
2 Scleromys praecu 2 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 2 --> (012) (wi thi n
termi nal)
2 Eoincamys parvus 2 --> (012) (wi thi n
termi nal)
2 Eoincamys val ver 2 --> (012) (wi thi n
termi nal)
2 Galileomys euryg 2 --> (012) (wi thi n
termi nal)
2 Prospani omys pri 2 --> (012) (wi thi n
termi nal)
2 Spani omys ri pari 2 --> (012) (wi thi n
termi nal)
2 Myocastor coypus 2 --> (012) (wi thi n
termi nal)
2 Proechi mys cuvie 2 --> (012) (wi thi n
termi nal)
2 Maruchi to tri l of 2 --> (012) (wi thi n
termi nal)
2 Thrichomys apere 2 --> (012) (wi thi n
termi nal)
2 Echi mys chrysuru 2 --> (012) (wi thi n
termi nal)
2 Makalata di del ph 2 --> (012) (wi thi n
termi nal)
2 Protadel phomys l 2 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 2 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
2 Octodon degus 2 --> (012) (wi thi n

Hsearch_Consensus.out

```

2 Spalacopus cyanu 2 --> terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
2 Adelphomys candi 2 --> (012) (wi thi n
terminal)
2 Prosthomys bow 2 --> (012) (wi thi n
terminal)
2 Stichomys regula 2 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 2 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 2 --> (012) (wi thi n
terminal)
2 Caviocricetus lu 2 --> (012) (wi thi n
terminal)
2 Plesiacarechymys 2 --> (012) (wi thi n
terminal)
2 Eosallamys paula 2 --> (012) (wi thi n
terminal)
2 Eobranisamys rom 2 --> (012) (wi thi n
terminal)
2 Eobranisamys jav 2 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 2 --> (012) (wi thi n
terminal)
2 Thryonomys swind 2 --> (012) (wi thi n
terminal)
2 Paraphomys pi go 2 --> (012) (wi thi n
terminal)
2 Metaphomys scha 2 --> (012) (wi thi n
terminal)
2 Baluchimys barry 2 --> (012) (wi thi n
terminal)
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tribosphenomys m 0 --> (01) (wi thi n terminal)
1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
1 Ottomaniaproavi 0 --> (01) (wi thi n terminal)
1 Hodsahibia azrae 0 --> (01) (wi thi n terminal)
1 Canaanimys maqui 0 --> (01) (wi thi n terminal)
1 Protosteioromys m 0 --> (01) (wi thi n terminal)
1 node_126 0 --> 1 node_124
1 Eosteioromys homo 1 --> (01) (wi thi n terminal)
1 Neosteioromys pat 1 --> (01) (wi thi n terminal)
1 Coendou prehensi 0 --> (01) (wi thi n terminal)
1 Palaeosteioromys 0 --> (01) (wi thi n terminal)
1 Dolichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galeaspixii 0 --> (01) (wi thi n terminal)
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 Lagostomus maxim 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Scleromys praecu 0 --> (01) (wi thi n terminal)
1 Chambi ramys ship 0 --> (01) (wi thi n terminal)
1 Eoincamys parvus 0 --> (01) (wi thi n terminal)
1 Eoincamys val ver 0 --> (01) (wi thi n terminal)
1 Prospaniomys pri 0 --> (01) (wi thi n terminal)
1 Spaniomys ripari 0 --> (01) (wi thi n terminal)
1 Myocastor coypus 0 --> (01) (wi thi n terminal)
1 Proechimys cuvie 0 --> (01) (wi thi n terminal)
1 Maruchito trilof 0 --> (01) (wi thi n terminal)
1 Thrichomys apere 0 --> (01) (wi thi n terminal)
1 Echimysochrysuru 0 --> (01) (wi thi n terminal)
1 Makalata didelph 0 --> (01) (wi thi n terminal)
1 Euryzygomatomys 0 --> (01) (wi thi n terminal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n terminal)

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281 (Interruption) 1.000

Hsearch_Consensus.out

```

1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 node_205 0 --> 1 node_122
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_141 0 --> 1 node_130
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 node_135 0 --> 1 node_134
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_156 0 --> 1 node_155
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi bla ma ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)

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282 (Notch between) 0.500

Hsearch_Consensus.out

1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Sci amys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trifol 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesiacaraechi mys 0 --> (01) (wi thi n termi nal)
 1 node_193 0 ==> 1 Sal lamys pascual
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 node_141 0 --> 1 node_130
 1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
 1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Steioromys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

```

1      node_135 0 --> 1 node_134
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1   Cavia aperea 1 --> (01) (with in terminal)
1   Galea spixii 1 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Brani samys luri b 0 --> (01) (with in terminal)
1   Dasyprocta 0 --> (01) (with in terminal)
1      node_156 0 --> 1 node_155
1 Incamys bolivi an 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys quadra 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Drytomomys aequa 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branic ki 1 --> (01) (with in terminal)
1 Neoepiblema ambr 1 --> (01) (with in terminal)
1 Chinchilla lani g 1 --> (01) (with in terminal)
1 Lagidium vi scaci 1 --> (01) (with in terminal)
1 Lagostomus maxi m 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoviscaccia aust 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys shi p 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys val ver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Galileomys euryg 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Prospaniomys pri 0 --> (01) (with in terminal)
1 Spaniomys ripari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Proechimys cuvie 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Echimy s chrysuru 0 --> (01) (with in terminal)
1 Makalata didelph 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi e 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pi thanotomys col 0 --> (01) (with in terminal)
1   Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prostichomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Caviocricetus lu 0 --> (01) (with in terminal)
1 Plesiacarechimy s 0 --> (01) (with in terminal)
1 Sal lamys pascual 0 --> (01) (with in terminal)
1 Eosallamys paula 0 --> (01) (with in terminal)
1 Shapajamys laboc 0 --> (01) (with in terminal)
1 Eobrani samys rom 0 --> (01) (with in terminal)
1 Eobrani samys jav 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)
1 Tarapotomys mayo 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Cachi yacuy kumme 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

284 (*Posterior is) 0.474

```

1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphiomyx pigo 0 --> (01) (withn terminal)
1 Metaphiomyx scha 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
2 Archetypomys erl 1 --> (012) (withn
terminal)
2 Tribosphenomys m 1 --> (012) (withn
terminal)
1 node_215 1 ==> 0 Chapattimys wils
2 Ottomaniaproavi 1 --> (012) (withn
terminal)
1 node_120 1 --> 2 node_119
2 Hodsahibia azrae 2 --> (012) (withn
terminal)
1 node_205 1 --> 2 node_122
2 Canaanimys maqui 2 --> (012) (withn
terminal)
1 node_205 1 ==> 0 node_204
1 node_130 0 --> 1 node_128
2 Protosteioromys m 1 --> (012) (withn
terminal)
1 node_126 1 ==> 2 node_124
2 Neosteioromys pat 2 --> (012) (withn
terminal)
2 Palaeosteioromys 0 --> (012) (withn
terminal)
2 Australoprocta f 0 --> (012) (withn
terminal)
1 node_135 0 ==> 1 Asteromys punctu
2 Dolichotis patag 0 --> (012) (withn
terminal)
2 Hydrochoerus hyd 0 --> (012) (withn
terminal)
2 Cavia aperea 0 --> (012) (withn
terminal)
2 Galeaspixi 0 --> (012) (withn
terminal)
1 Braniamys luri b 0 --> (01) (withn terminal)
2 Dasyprocta 0 --> (012) (withn
terminal)
1 node_195 0 --> 1 node_161
1 node_156 1 --> 0 node_155
2 Potamarchus muri 0 --> (012) (withn
terminal)
2 Lagostomus maxi m 0 --> (012) (withn
terminal)
2 Eoviscaccia fras 0 --> (012) (withn
terminal)
2 Scleromys praecu 0 --> (012) (withn
terminal)
2 Chambi ramys shi p 1 --> (012) (withn
terminal)
2 Eoincamys parvus 1 --> (012) (withn
terminal)
2 Eoincamys val ver 1 --> (012) (withn
terminal)
2 Eoincamys ameghi 1 --> (012) (withn
terminal)
2 Draconomys verai 0 --> (012) (withn
terminal)
2 node_163 0 ==> 2 Deseadomys aramb
2 Galileomys euryg 0 --> (012) (withn
terminal)
2 Prospaniomyx pri 0 --> (012) (withn
terminal)
2 Spaniomyx ri pari 0 --> (012) (withn
terminal)
2 Myocastor coypus 0 --> (012) (withn

```

Hsearch_Consensus.out

```

2 Proechimys cuvieri 0 --> terminal)
2 Maruchito trilofo 0 --> (012) (within
terminal)
2 Thrichomys apere 0 --> (012) (within
terminal)
2 Echimys chrysuru 0 --> (012) (within
terminal)
2 Makalata didelphi 0 --> (012) (within
terminal)
2 Protadelphomys l 0 --> (012) (within
terminal)
2 Euryzgomatomys 0 --> (012) (within
terminal)
2 Mesocapromys/Mys 0 --> (012) (within
terminal)
2 Xenodontomys sim 0 --> (012) (within
terminal)
2 Ctenomys bolivi 0 --> (012) (within
terminal)
2 Neophanomys bip 0 --> (012) (within
terminal)
2 Pithanotomys col 0 --> (012) (within
terminal)
2 Octodon degus 0 --> (012) (within
terminal)
2 Spalacopus cyanu 0 --> (012) (within
terminal)
2 Abrocoma bennett 0 --> (012) (within
terminal)
2 Adelphomys candi 0 --> (012) (within
terminal)
2 Prosthichomys bow 0 --> (012) (within
terminal)
2 Stichomys regula 0 --> (012) (within
terminal)
2 Dudumus rui gomez 0 --> (012) (within
terminal)
2 Pampamys emmonsa 0 --> (012) (within
terminal)
2 Caviocricetus lu 0 --> (012) (within
terminal)
2 Plestiacarechimy 0 --> (012) (within
terminal)
2 Sallamys pascual 0 --> (012) (within
terminal)
2 Eosallamys paula 0 --> (012) (within
terminal)
2 Shapajamys laboc 0 --> (012) (within
terminal)
2 Eobranisamys rom 0 --> (012) (within
terminal)
2 Eobranisamys jav 0 --> (012) (within
terminal)
2 Pozomys ucayalie 0 --> (012) (within
terminal)
2 Tarapotomys suba 0 --> (012) (within
terminal)
2 Cachi yacuy kumme 1 --> (012) (within
terminal)
2 Thryonomys swind 1 --> (012) (within
terminal)
2 Paraphomys pi go 1 --> (012) (within
terminal)
2 Metaphomys scha 1 --> (012) (within
terminal)
1 node_211 1 ==> 0 Acritophiomy  bo

```

Hsearch_Consensus.out

285 (Hypolophid on) 0.667

2 Baluchimys barry 1 --> (012) (within terminal)

1 Archetypomys erl 0 --> (01) (within terminal)

1 node_118 0 ==> 1 Birbalomys sonda

1 node_216 0 --> 1 node_215

1 node_213 1 --> 0 Ottomaniaproavi

1 Bugtimys zafarul 1 --> (01) (within terminal)

1 Hodsahibia azrae 1 --> (01) (within terminal)

1 Phiomys hammudai 1 --> (01) (within terminal)

1 Canaanimys maqui 1 --> (01) (within terminal)

1 Protosteirromys m 1 --> (01) (within terminal)

1 Neosteirromys pat 1 --> (01) (within terminal)

1 Palaeosteirromys 1 --> (01) (within terminal)

1 Dolichotis patag 1 --> (01) (within terminal)

1 Hydrochoerus hyd 1 --> (01) (within terminal)

1 Cavia aperea 1 --> (01) (within terminal)

1 Galeaspixii 1 --> (01) (within terminal)

1 Potamarchus muri 1 --> (01) (within terminal)

1 Lagostomus maxim 1 --> (01) (within terminal)

1 Scleromys praecu 1 --> (01) (within terminal)

1 Chambiromys ship 1 --> (01) (within terminal)

1 Eoincamys parvus 1 --> (01) (within terminal)

1 Eoincamys valver 1 --> (01) (within terminal)

1 Prospaniomys pri 1 --> (01) (within terminal)

1 Spaniomys ripari 1 --> (01) (within terminal)

1 Myocastor coypus 1 --> (01) (within terminal)

1 Proechimys cuvie 1 --> (01) (within terminal)

1 Maruchitotrilof 1 --> (01) (within terminal)

1 Thrichomys apere 1 --> (01) (within terminal)

1 Echimysochrysuru 1 --> (01) (within terminal)

1 Makalata diloph 1 --> (01) (within terminal)

1 Euryzygomatomys 1 --> (01) (within terminal)

1 Mesocapromys/Mys 1 --> (01) (within terminal)

1 Xenodontomys sim 1 --> (01) (within terminal)

1 Ctenomys bolivi 1 --> (01) (within terminal)

1 Neophanomys bip 1 --> (01) (within terminal)

1 Pithanotomys col 1 --> (01) (within terminal)

1 Octodon degus 1 --> (01) (within terminal)

1 Spalacopus cyanu 1 --> (01) (within terminal)

1 Abrocoma bennett 1 --> (01) (within terminal)

1 Adelphomys candi 1 --> (01) (within terminal)

1 Prosthichomys bow 1 --> (01) (within terminal)

1 Stichomys regula 1 --> (01) (within terminal)

1 Dudumus rui gomez 1 --> (01) (within terminal)

1 Pampamys emmonsa 1 --> (01) (within terminal)

1 Caviocricetus lu 1 --> (01) (within terminal)

1 Plesiacarechimy 1 --> (01) (within terminal)

1 Eosallamys paula 1 --> (01) (within terminal)

1 Eobranisamys rom 1 --> (01) (within terminal)

1 Eobranisamys jav 1 --> (01) (within terminal)

1 Tarapotomys suba 1 --> (01) (within terminal)

1 Thryonomys swind 1 --> (01) (within terminal)

1 Paraphiomys pi go 1 --> (01) (within terminal)

1 Metaphiomys scha 1 --> (01) (within terminal)

286 (Length of the) 0.571

1 Baluchimys barry 1 --> (01) (within terminal)

1 Archetypomys erl 0 --> (01) (within terminal)

1 Tribosphenomys m 0 --> (01) (within terminal)

1 Cocomys ligchaen 0 --> (01) (within terminal)

1 Reithroparamys d 0 --> (01) (within terminal)

1 Tamquammys dispi 0 --> (01) (within terminal)

1 node_215 0 --> 1 node_214

1 Ottomaniaproavi 1 --> (01) (within terminal)

1 Bugtimys zafarul 1 --> (01) (within terminal)

1 Hodsahibia azrae 1 --> (01) (within terminal)

1 node_207 1 ==> 0 node_206

1 Eoespina woodi -E 0 --> (01) (within terminal)

1 Canaanimys maqui 0 --> (01) (within terminal)

1 Protosteirromys m 0 --> (01) (within terminal)

Hsearch_Consensus.out

1 Neosteirromys pat 0 --> (01) (with in terminal)
 1 Palaeosteirromys 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys shi p 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Eoincamys val ver 0 --> (01) (with in terminal)
 1 node_163 0 ==> 1 Platyptamys br
 1 node_164 0 ==> 1 Sci amys princi pa
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Prospani omys pri 0 --> (01) (with in terminal)
 1 Spani omys ri pari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechi mys cuvie 0 --> (01) (with in terminal)
 1 Maruchi to trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echi mys chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosti chomys bow 0 --> (01) (with in terminal)
 1 Sti chomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Cavi ocricetus lu 0 --> (01) (with in terminal)
 1 Plesi acarechi mys 0 --> (01) (with in terminal)
 1 Eosall amys paula 0 --> (01) (with in terminal)
 1 Eobrani samys rom 0 --> (01) (with in terminal)
 1 Eobrani samys jav 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Thryonomys swind 1 --> (01) (with in terminal)
 1 Paraphi omys pi go 1 --> (01) (with in terminal)
 1 Metaphi omys scha 1 --> (01) (with in terminal)
 1 Baluchi mys barry 1 --> (01) (with in terminal)
 1 Birbal omys sonda 2 --> (02) (with in terminal)
 1 Bugti mys zafarul 2 --> (02) (with in terminal)
 1 node_120 2 ==> 0 'Wasl amys' attia
 1 node_207 2 ==> 0 Phi omys hammudai
 1 Eoespi na woodi -E 2 --> (12) (with in terminal)
 1 node_163 2 ==> 1 Platyptamys br
 1 Acaremys murinus 2 --> (23) (with in terminal)
 1 node_164 2 ==> 1 Sci amys princi pa
 1 Galileomys euryg 2 --> (12) (with in terminal)
 1 Sall amys pascual 2 --> (02) (with in terminal)
 2 Acri tophi omys bo 2 --> (012) (with in terminal)
 287 (Labial connec) 0.833
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Tri bosphenomys m 0 --> (01) (with in terminal)
 1 Cocomys ligchaen 0 --> (01) (with in terminal)
 1 Reithroparamys d 0 --> (01) (with in terminal)
 1 Tamquammys dispi 0 --> (01) (with in terminal)
 1 Ottomani a proavi 0 --> (01) (with in terminal)
 1 Canaani mys maqui 0 --> (01) (with in terminal)
 1 Protosteirromys m 0 --> (01) (with in terminal)
 1 Neosteirromys pat 0 --> (01) (with in terminal)
 288 (Posterior cri) 1.000

Hsearch_Consensus.out

```

1 Palaeosteiromys 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1   Cavia aperea 0 --> (01) (with in terminal)
1   Galea spixii 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1   node_167 0 ==> 1 node_166
1 Prospaniomyes pri 0 --> (01) (with in terminal)
1 Spaniomyes ripari 0 --> (01) (with in terminal)
1 Myocastor coypus 0 --> (01) (with in terminal)
1 Proechimys cuvie 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Echimyus chrysuru 0 --> (01) (with in terminal)
1 Makalata didelph 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Mesocapromys/Mys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivie 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1   Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Abrocoma bennett 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prostichomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Caviocricetus lu 0 --> (01) (with in terminal)
1 Plesiacarechimy 0 --> (01) (with in terminal)
1 Eosallamys paula 0 --> (01) (with in terminal)
1 Shapajamys laboc 0 --> (01) (with in terminal)
1 Eobranisamys rom 0 --> (01) (with in terminal)
1 Eobranisamys jav 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Thryonomys swind 0 --> (01) (with in terminal)
1 Paraphiomyes pi go 0 --> (01) (with in terminal)
1 Metaphiomyes scha 0 --> (01) (with in terminal)
1 Acritophiomyes bo 0 --> (01) (with in terminal)
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteiromys m 0 --> (01) (with in terminal)
1 Neosteiromys pat 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Palaeosteiromys 0 --> (01) (with in terminal)
1   node_137 0 ==> 1 Australoprocta f
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1   Cavia aperea 0 --> (01) (with in terminal)
1   Galea spixii 0 --> (01) (with in terminal)
1 Neoreomys austra 0 --> (01) (with in terminal)
1 Branisamys luri b 0 --> (01) (with in terminal)
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Incamys bolivi an 0 --> (01) (with in terminal)
1   node_154 0 --> 1 node_153
1 Potamarchus muri 1 --> (01) (with in terminal)

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289 (Alignment of) 0.800

Hsearch_Consensus.out

```

1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Prospaniomyss pri 0 --> (01) (wi thi n termi nal)
1 Spaniomyss ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trillof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimyss chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacaechimys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 node_204 0 ==> 1 node_203
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphimys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphimys scha 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 1 --> (01) (wi thi n termi nal)
1 node_216 1 ==> 0 Tamquammys di spi
1 node_213 1 ==> 0 Ottomani a proavi
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 node_159 1 --> 0 node_158
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Prospaniomyss pri 1 --> (01) (wi thi n termi nal)
1 Spaniomyss ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trillof 1 --> (01) (wi thi n termi nal)

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290 (Anterior arm) 0.500

Hsearch_Consensus.out

```

1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Eosall amys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_161
1 Incamys bol ivian 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)

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291 (Height of the) 0.250

Hsearch_Consensus.out

```

1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Galileomys euryg 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Prospaniomyss pri 1 --> (01) (with in terminal)
1 Spaniomyss ripari 1 --> (01) (with in terminal)
1 Myocastor coypus 1 --> (01) (with in terminal)
1 Proechiomyss cuvie 1 --> (01) (with in terminal)
1 Maruchito trilof 1 --> (01) (with in terminal)
1 Thrichomys apere 1 --> (01) (with in terminal)
1 Echiomyss chrysuru 1 --> (01) (with in terminal)
1 Makalata didelph 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Euryzygomatomys 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivie 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pi thanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosti chomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocri cetus lu 1 --> (01) (with in terminal)
1 Plesi acarechi mys 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Shapajamys laboc 1 --> (01) (with in terminal)
1 Eobrani samys rom 1 --> (01) (with in terminal)
1 Eobrani samys jav 1 --> (01) (with in terminal)
1 node_204 1 ==> 0 node_203
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Thryonomys swind 1 --> (01) (with in terminal)
1 Paraphiomyss pi go 1 --> (01) (with in terminal)
1 Metaphiomyss scha 1 --> (01) (with in terminal)
1 Baluchimys barry 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Hypsosteioromys a 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Brani samys luri b 0 --> (01) (with in terminal)
1 Incamys bolivian 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branickei 0 --> (01) (with in terminal)
1 Neoeplema ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)

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292 (Length of the) 0.750

Hsearch_Consensus.out

```

1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 node_192 0 --> 1 node_191
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 node_218 0 ==> 1 node_217
1 node_213 1 ==> 0 Ottomani a proavi
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)

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293 (Anterior outg) 0.500

Hsearch_Consensus.out

1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 node_118 0 ==> 1 Bi rbal omys sonda
 1 node_215 0 ==> 1 Chapatti mys wil s
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 0 --> (01) (wi thi n termi nal)
 1 Neosteir omys pat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeosteir omys 0 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)

294 (Hypoconulid o) 0.750

Hsearch_Consensus.out

1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol ivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosall amys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swi nd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_118
 1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespi na woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eostei romys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsostei romys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi a aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l)
 1 Peri mys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bol i vi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)

295 (Devel opment o) 1.000

Hsearch_Consensus.out

1 Dinomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosal l amys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 2 Cocomys ligchaen 1 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Reithroparamys d 1 --> terminal)
1 node_217 1 --> 2 node_216
2 Tamquammys di spi 2 --> (012) (with in
terminal)
2 Ottomani a proavi 2 --> (012) (with in
terminal)
1 node_119 2 ==> 1 Bugtimys zafarul
2 node_207 2 ==> 0 node_206
2 Canaani mys maqui 0 --> (012) (with in
terminal)
2 Protostei romys m 0 --> (012) (with in
terminal)
2 Neostei romys pat 0 --> (012) (with in
terminal)
2 Pal aeostei romys 0 --> (012) (with in
terminal)
2 Dol ichoti s patag 0 --> (012) (with in
terminal)
2 Hydrochoerus hyd 0 --> (012) (with in
terminal)
2 Cavi a aperea 0 --> (012) (with in
terminal)
2 Galea spi xi i 0 --> (012) (with in
terminal)
2 Neoreomys austra 0 --> (012) (with in
terminal)
2 node_138 0 ==> 2 Brani samys Iuri b
2 node_139 0 ==> 2 Cuni cul us paca-t
1 node_156 0 --> 1 node_155
2 Mi croscl eromys p 1 --> (012) (with in
terminal)
1 node_154 1 ==> 2 node_153
2 Scl eromys quadra 2 --> (012) (with in
terminal)
2 Scl eromys angust 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Di nomys brani cki 2 --> (012) (with in
terminal)
2 Neoepi blema ambr 2 --> (012) (with in
terminal)
2 Chi nchi l l a l ani g 2 --> (012) (with in
terminal)
2 Lagi di um vi scaci 2 --> (012) (with in
terminal)
2 Lagostomus maxi m 2 --> (012) (with in
terminal)
2 Scl eromys osborn 2 --> (012) (with in
terminal)
2 Eovi scacci a fras 2 --> (012) (with in
terminal)
2 Scl eromys praecu 1 --> (012) (with in
terminal)
2 Chambi ramys shi p 0 --> (012) (with in
terminal)
2 Eoi ncamys parvus 0 --> (012) (with in
terminal)
2 Eoi ncamys val ver 0 --> (012) (with in
terminal)
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Pl atypi ttamys br 0 --> (012) (with in
terminal)
2 node_166 0 --> 2 node_165
2 Gal ileomys euryg 2 --> (012) (with in

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Hsearch_Consensus.out

2 Willidewu estepa 0 --> terminal)
(012) (with in
terminal)
2 Prospani omys pri 0 --> (012) (with in
terminal)
2 Spani omys ri pari 0 --> (012) (with in
terminal)
2 Myocastor coypus 0 --> (012) (with in
terminal)
2 Proechi mys cuvie 0 --> (012) (with in
terminal)
2 Maruchi to tril of 0 --> (012) (with in
terminal)
2 Thrichomys apere 0 --> (012) (with in
terminal)
2 Echi mys chrysuru 0 --> (012) (with in
terminal)
2 Makal ata di del ph 0 --> (012) (with in
terminal)
2 Protadel phomys l 0 --> (012) (with in
terminal)
2 Euryzygomatomys 0 --> (012) (with in
terminal)
2 Mesocapromys/Mys 0 --> (012) (with in
terminal)
2 Xenodontomys sim 0 --> (012) (with in
terminal)
2 Ctenomys bol ivie 0 --> (012) (with in
terminal)
2 Neophanomys bi pl 0 --> (012) (with in
terminal)
2 Pi thanotomys col 0 --> (012) (with in
terminal)
2 Octodon degus 0 --> (012) (with in
terminal)
2 Spalacopus cyanu 0 --> (012) (with in
terminal)
2 Abrocoma bennett 0 --> (012) (with in
terminal)
2 Adel phomys candi 0 --> (012) (with in
terminal)
2 Prosti chomys bow 0 --> (012) (with in
terminal)
2 Sti chomys regul a 0 --> (012) (with in
terminal)
2 Dudumus rui gomez 0 --> (012) (with in
terminal)
2 Pampamys emmonsa 0 --> (012) (with in
terminal)
2 Cavi ocricetus lu 0 --> (012) (with in
terminal)
2 Plesi acarechi mys 0 --> (012) (with in
terminal)
2 Eosal l amys paul a 0 --> (012) (with in
terminal)
2 Shapaj amys laboc 0 --> (012) (with in
terminal)
2 Eobrani samys rom 0 --> (012) (with in
terminal)
2 Eobrani samys jav 0 --> (012) (with in
terminal)
2 Tarapotomys mayo 0 --> (012) (with in
terminal)
2 Tarapotomys suba 0 --> (012) (with in
terminal)
2 Thryonomys swi nd 2 --> (012) (with in
terminal)
2 Paraphi omys pi go 2 --> (012) (with in

Hsearch_Consensus.out

297 (Anterior proj) 1.000

2 Metaphi omys scha 2 --> (012) (wi thi n terminal)
 terminal)
 2 Bal uchi mys barry 2 --> (012) (wi thi n terminal)
 terminal)
 1 Archetypomys erl 0 --> (01) (wi thi n terminal)
 1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
 1 Protostei romys m 0 --> (01) (wi thi n terminal)
 1 Neostei romys pat 0 --> (01) (wi thi n terminal)
 1 Pal aeostei romys 0 --> (01) (wi thi n terminal)
 1 node_134 0 ==> 1 node_133
 1 Potamarchus muri 0 --> (01) (wi thi n terminal)
 1 Scleromys praecu 0 --> (01) (wi thi n terminal)
 1 Chambi ramys ship 0 --> (01) (wi thi n terminal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n terminal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n terminal)
 1 Prospani omys pri 0 --> (01) (wi thi n terminal)
 1 Spani omys ri pari 0 --> (01) (wi thi n terminal)
 1 Myocastor coypus 0 --> (01) (wi thi n terminal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n terminal)
 1 Maruchi to tri l of 0 --> (01) (wi thi n terminal)
 1 Thri chomys apere 0 --> (01) (wi thi n terminal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n terminal)
 1 Makal ata di del ph 0 --> (01) (wi thi n terminal)
 1 Euryzygomatomys 0 --> (01) (wi thi n terminal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n terminal)
 1 Xenodontomys sim 0 --> (01) (wi thi n terminal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n terminal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n terminal)
 1 Pi thanotomys col 0 --> (01) (wi thi n terminal)
 1 Octodon degus 0 --> (01) (wi thi n terminal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n terminal)
 1 Abrocoma bennett 0 --> (01) (wi thi n terminal)
 1 Adel phomys candi 0 --> (01) (wi thi n terminal)
 1 Prosti chomys bow 0 --> (01) (wi thi n terminal)
 1 Sti chomys regula 0 --> (01) (wi thi n terminal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n terminal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n terminal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n terminal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n terminal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n terminal)
 1 Eobrani samys rom 0 --> (01) (wi thi n terminal)
 1 Eobrani samys jav 0 --> (01) (wi thi n terminal)
 1 Tarapotomys suba 0 --> (01) (wi thi n terminal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n terminal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n terminal)
 1 Metaphi omys scha 0 --> (01) (wi thi n terminal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n terminal)
 298 (Devel opment o) 1.000
 1 Archetypomys erl 0 --> (01) (wi thi n terminal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
 1 Rei throparamys d 0 --> (01) (wi thi n terminal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n terminal)
 1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
 1 Chapatti mys wils 0 --> (01) (wi thi n terminal)
 1 Ottomani a proavi 0 --> (01) (wi thi n terminal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n terminal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n terminal)
 1 'Wasl amys' atti a 0 --> (01) (wi thi n terminal)
 1 Phi omys hammudai 0 --> (01) (wi thi n terminal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n terminal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n terminal)
 1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
 1 Protostei romys m 0 --> (01) (wi thi n terminal)
 1 Eostei romys homo 0 --> (01) (wi thi n terminal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n terminal)
 1 Neostei romys pat 0 --> (01) (wi thi n terminal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n terminal)

Hsearch_Consensus.out

1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hypsostei romys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_133 0 --> 1 node_131
 1 Peri mys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuni cul us paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys pasqua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bol i vi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Di nomys brani cki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chi nchi lla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagi di um vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eovi scacci a aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoi ncamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypi ttamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys muri nus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Gal ileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Will idewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechi mys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchi to trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thri chomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makal ata di del ph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadel phomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bol i vie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spal acopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adel phomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Plesiacarechymys 0 --> (01) (with in terminal)
 1 Sallamys pascual 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosallamys paula 0 --> (01) (with in terminal)
 1 Shapajamys laboc 0 --> (01) (with in terminal)
 1 Eobranisamys rom 0 --> (01) (with in terminal)
 1 Eobranisamys jav 0 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Cachiyacuy kumme 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphiomys pigo 0 --> (01) (with in terminal)
 1 Metaphiomys scha 0 --> (01) (with in terminal)
 1 Acritophiomys bo 0 --> (01) (with in terminal)
 1 Baluchimys barry 0 --> (01) (with in terminal)
 299 (Primary inter) 0.500
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 node_131 0 ==> 1 Hydrochoerus hyd
 1 node_132 0 ==> 1 Cavia aperea
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambiramys ship 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Prospaniomys pri 0 --> (01) (with in terminal)
 1 Spaniomys ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Maruchito trilofo 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echimysochrysuru 0 --> (01) (with in terminal)
 1 Makalata didelpho 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Abrocoma bennett 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosthichomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocricetus lu 0 --> (01) (with in terminal)
 1 Plesiacarechymys 0 --> (01) (with in terminal)
 1 Eosallamys paula 0 --> (01) (with in terminal)
 1 Eobranisamys rom 0 --> (01) (with in terminal)
 1 Eobranisamys jav 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Thryonomys swind 0 --> (01) (with in terminal)
 1 Paraphiomys pigo 0 --> (01) (with in terminal)
 1 Baluchimys barry 0 --> (01) (with in terminal)
 300 (Fundamental e) 0.500
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 node_131 0 ==> 1 Hydrochoerus hyd
 1 node_132 0 ==> 1 Cavia aperea
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)

Hsearch_Consensus.out

1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri l of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 node_131 0 ==> 1 Hydrochoerus hyd
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri l of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)

301 (Secondary ext) 1.000

Hsearch_Consensus.out

302 (Proportions o) 0.500

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1 Plesiacarechymys 0 --> (01) (with in terminal)
1 Eosallamys paula 0 --> (01) (with in terminal)
1 Eobranisamys rom 0 --> (01) (with in terminal)
1 Eobranisamys jav 0 --> (01) (with in terminal)
1 Tarapotomys suba 0 --> (01) (with in terminal)
1 Thryonomys swind 0 --> (01) (with in terminal)
1 Paraphiomyys pi go 0 --> (01) (with in terminal)
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (with in terminal)
1 Chapattimys wils 1 --> (01) (with in terminal)
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia apera 1 --> (01) (with in terminal)
1 Galea spixii 1 --> (01) (with in terminal)
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Neoeplema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys val ver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platypittamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 node_208 1 ==> 0 Paraphiomyys pi go
303 (Tri gonid widt) 0.125
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_213 0 ==> 1 Ottomani a proavi
1 node_198 0 ==> 1 node_141
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavi a aperea 0 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Willi dewu estepa 0 --> (01) (wi thi n termi nal)
1   node_187 0 ==> 1 Prospani omys pri
1   node_171 0 ==> 1 node_170
1   node_168 1 ==> 0 Myocastor coypus
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1   node_185 0 ==> 1 node_184
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1   node_209 0 ==> 1 node_208
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1   node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavi a aperea 1 --> (01) (wi thi n termi nal)
1   Gale a spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)

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304 (Paraconid (or) 1.000

Hsearch_Consensus.out

1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_216
 1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_211 1 --> 0 node_210
 1 node_209 0 --> 1 node_207
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_205 1 --> 0 node_204
 1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_157 0 --> 1 node_156
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)

305 (Anteroconid o) 0.286

Hsearch_Consensus.out

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1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Pleisacarechymys 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 node_200 0 --> 1 Shapajamys laboc
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys dispi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 node_213 1 ==> 0 node_212
1 node_207 0 ==> 1 Phiomys hammudai
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 0 --> (01) (wi thi n termi nal)
1 Hyposteioromys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Micromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neopiblima ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)

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306 (Development o) 0.500

Hsearch_Consensus.out

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1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garridomys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echimys chrysuru 0 --> (01) (wi thi n termi nal)
1 Makalata didelph 0 ---> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_120 0 ==> 1 'Waslamys' attia
1 node_210 0 ==> 1 node_209
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)

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307 (Anterior cing) 0.500

Hsearch_Consensus.out

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1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
1 Birbalomys sonda 1 --> (12) (wi thi n termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
1   node_213 1 ==> 2 Ottomani a proavi
1   node_120 1 ==> 2 'Waslamys' attia
1   node_121 1 ==> 0 Cachi yacuy conta
2 Canaanimys maqui 1 --> (012) (wi thi n
termi nal)
1   node_141 1 --> 2 node_130
2 Protosteioromys m 2 --> (012) (wi thi n
termi nal)
2 Neosteioromys pat 2 --> (012) (wi thi n
termi nal)
2 Erethizon dorsat 2 --> (012) (wi thi n
termi nal)
1 Hyposteioromys a 2 --> (12) (wi thi n termi nal)
2 Chaetomys subspi 2 --> (012) (wi thi n
termi nal)
2 Palaeosteioromys 1 --> (012) (wi thi n
termi nal)
2 Australoprocta f 1 --> (012) (wi thi n
termi nal)
1   node_136 1 --> 0 node_135
2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)
2 Dolichotis patag 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n

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308 (*Position of) 0.273

Hsearch_Consensus.out

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2 Cavia aperea 0 --> terminal)
2 Galea spi x i 0 --> (012) (wi thi n
terminal)
2 Neoreomys austra 1 --> (012) (wi thi n
terminal)
1 Brani samys luri b 1 --> (01) (wi thi n terminal)
2 Cuni cul us paca-t 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
terminal)
1 node_154 1 --> 0 node_142
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 1 --> (012) (wi thi n
terminal)
2 Scl eromys angust 1 --> (012) (wi thi n
terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
2 Di nomys brani cki 1 --> (012) (wi thi n
terminal)
2 Neoepi blema ambr 1 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 1 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
terminal)
1 node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 2 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 2 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
2 Acaremys muri nus 2 --> (012) (wi thi n
terminal)
1 node_165 2 --> 1 Gal ileomys euryg
2 Wi l l i dewu estepa 2 --> (012) (wi thi n
terminal)
1 node_176 2 --> 1 node_173
1 node_170 1 --> 0 node_169
2 node_168 0 ==> 2 Spani omys ri pari
1 node_171 1 --> 2 Thri chomys apere
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Xenodontomys sim 2 --> terminal)
2 Xenodontomys sim 2 --> (012) (wi thi n
terminal)
2 Ctenomys bolivi e 2 --> (012) (wi thi n
terminal)
2 Neophanomys bipl 2 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Octodon degus 2 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 2 --> (012) (wi thi n
terminal)
1 node_188 2 --> 1 Dudumus rui gomez
1 node_190 2 --> 1 Cavi ocricetus lu
2 Ple si acarechi mys 2 --> (012) (wi thi n
terminal)
1 node_197 1 ==> 0 Eosall amys paul a
1 node_200 1 ==> 0 Shapaj amys laboc
2 Eobrani samys jav 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal i e 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n terminal)
1 node_209 1 --> 2 node_208
2 Thryonomys swi nd 2 --> (012) (wi thi n
terminal)
1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
1 Reithroparamys d 0 --> (01) (wi thi n terminal)
1 Birbalomys sonda 0 --> (01) (wi thi n terminal)
1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
1 Chapattimys wils 0 --> (01) (wi thi n terminal)
1 Canaanimys maqui 0 --> (01) (wi thi n terminal)
1 Protosteioromys m 0 --> (01) (wi thi n terminal)
1 Neosteioromys pat 0 --> (01) (wi thi n terminal)
1 Chaetomys subspi 0 --> (01) (wi thi n terminal)
1 Palaeosteioromys 0 --> (01) (wi thi n terminal)
1 Australoprocta f 0 --> (01) (wi thi n terminal)
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Dolichotis patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavia aperea 0 --> (01) (wi thi n terminal)
1 Galea spixi i 0 --> (01) (wi thi n terminal)
1 Neoreomys austra 0 --> (01) (wi thi n terminal)
1 Cuniculus paca-t 0 --> (01) (wi thi n terminal)
1 Eoincamys pascua 0 --> (01) (wi thi n terminal)
1 Microscleromys p 0 --> (01) (wi thi n terminal)
1 Scleromys angust 0 --> (01) (wi thi n terminal)
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 Dinomys branicki 0 --> (01) (wi thi n terminal)
1 Neoepiblema ambr 0 --> (01) (wi thi n terminal)
1 Chinchilla lani g 0 --> (01) (wi thi n terminal)
1 Lagidium vi scaci 0 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 0 --> (01) (wi thi n terminal)
1 Scleromys osborn 0 --> (01) (wi thi n terminal)
1 Garri domys curnu 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Scleromys praecu 0 --> (01) (wi thi n terminal)
1 Eoincamys parvus 0 --> (01) (wi thi n terminal)
1 Chambi ramys syl v 0 --> (01) (wi thi n terminal)
1 Eoincamys val ver 0 --> (01) (wi thi n terminal)
1 Eoincamys ameghi 0 --> (01) (wi thi n terminal)

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309 (Metaconid-pro) 0.500

Hsearch_Consensus.out

```

1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_190 0 ==> 1 node_189
1 node_186 1 --> 0 node_183
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 node_193 0 ==> 1 Sal lamys pascual
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 node_120 0 ==> 1 'Wasl amys' attia
1 node_210 0 ==> 1 node_209
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )

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310 (Metalophulid) 0.600

Hsearch_Consensus.out

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1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 node_190 1 ==> 0 Cavi ocricetus lu
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 node_120 0 --> 1 'Waslamys' attia
1 node_211 0 --> 1 node_210
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteironomys m 1 --> (01) (wi thi n termi nal)
1 Neosteironomys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteironomys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 node_158 1 ==> 0 node_157
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_168 1 ==> 0 Myocastor coypus
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)

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311 (Lingual conne) 0.333

Hsearch_Consensus.out

312 (Labi al connec) 0.500

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1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 node_200 1 --> 0 node_199
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 node_120 0 ==> 1 'Waslamys' attia
1 node_211 0 --> 1 node_210
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 node_136 1 ==> 0 Luantus propheti
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Miocrocleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagidium vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platyptamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

313 (Mesostylid on) 0.571

1 Plesiacarechymys 1 --> (01) (withn terminal)
 1 Eosallamys paula 1 --> (01) (withn terminal)
 1 node_200 1 --> 0 node_199
 1 Eobranisamys jav 0 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 Metaphomys scha 1 --> (01) (withn terminal)
 1 Cocomys ligchaen 0 --> (01) (withn terminal)
 1 Reithroparamys d 0 --> (01) (withn terminal)
 1 Tamquammys di spi 0 --> (01) (withn terminal)
 1 Chapattimys wils 0 --> (01) (withn terminal)
 1 node_214 0 ==> 1 node_213
 1 Protosteironomys m 1 --> (01) (withn terminal)
 1 Neosteironomys pat 1 --> (01) (withn terminal)
 1 Erethizon dorsat 1 --> (01) (withn terminal)
 1 Chaetomys subspi 1 --> (01) (withn terminal)
 1 Palaeosteironomys 1 --> (01) (withn terminal)
 1 Australoprocta f 1 --> (01) (withn terminal)
 1 node_136 1 --> 0 node_135
 1 Asteromys punctu 0 --> (01) (withn terminal)
 1 Dolichotis patag 0 --> (01) (withn terminal)
 1 Hydrochoerus hyd 0 --> (01) (withn terminal)
 1 Cavia aperrea 0 --> (01) (withn terminal)
 1 Galea spixii 0 --> (01) (withn terminal)
 1 Neoreomys austra 1 --> (01) (withn terminal)
 1 Cuniculus paca-t 1 --> (01) (withn terminal)
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Microscleromys p 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Dinomys branicki 1 --> (01) (withn terminal)
 1 Neoeptiblema ambr 1 --> (01) (withn terminal)
 1 Chinchilla lanig 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxi m 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Chambi ramys ship 1 --> (01) (withn terminal)
 1 Chambi ramys sylv 1 --> (01) (withn terminal)
 1 Eoincamys val ver 1 --> (01) (withn terminal)
 1 Eoincamys ameghi 1 --> (01) (withn terminal)
 1 Draconomys verai 1 --> (01) (withn terminal)
 1 Leucokephalos ze 1 --> (01) (withn terminal)
 1 Platypittomys br 1 --> (01) (withn terminal)
 1 Deseadomys aramb 1 --> (01) (withn terminal)
 1 Acaremys murinus 1 --> (01) (withn terminal)
 1 Willidewu estepa 1 --> (01) (withn terminal)
 1 node_168 1 ==> 0 Spaniomys ripari
 1 Protadelphomys l 1 --> (01) (withn terminal)
 1 Mesocapromys/Mys 1 --> (01) (withn terminal)
 1 Xenodontomys sim 1 --> (01) (withn terminal)
 1 Ctenomys bolivie 1 --> (01) (withn terminal)
 1 Neophanomys bipl 1 --> (01) (withn terminal)
 1 Pithanotomys col 1 --> (01) (withn terminal)
 1 Octodon degus 1 --> (01) (withn terminal)
 1 Spalacopus cyanu 1 --> (01) (withn terminal)
 1 Abrocoma bennett 1 --> (01) (withn terminal)
 1 Caviocricetus lu 1 --> (01) (withn terminal)
 1 Eobranisamys jav 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 node_208 1 ==> 0 Paraphiomys pi go
 1 Metaphomys scha 1 --> (01) (withn terminal)
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Tribosphenomys m 0 --> (01) (withn terminal)
 1 Cocomys ligchaen 0 --> (01) (withn terminal)

314 (Anterior isol) 0.500

Hsearch_Consensus.out

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1 Reithroparamys d 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys di spi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1     node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (withn terminal)
1 Hodsahibi a azrae 1 --> (01) (withn terminal)
1     node_209 0 --> 1 node_207
1 Cachi yacuy conta 1 --> (01) (withn terminal)
1 Eoespina woodi -E 1 --> (01) (withn terminal)
1     node_205 1 --> 0 node_204
1     node_141 0 --> 1 node_130
1 Protosteioromys m 1 --> (01) (withn terminal)
1 Eosteioromys homo 1 --> (01) (withn terminal)
1 Brani samyopsis a 1 --> (01) (withn terminal)
1 Neosteioromys pat 1 --> (01) (withn terminal)
1 Erethizon dorsat 1 --> (01) (withn terminal)
1 Hyposteioromys a 1 --> (01) (withn terminal)
1 Chaetomys subspi 1 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1     Cavia aperea 0 --> (01) (withn terminal)
1     Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1 Brani samys luri b 0 --> (01) (withn terminal)
1     Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1     node_197 0 ==> 1 node_196
1     node_157 1 --> 0 node_156
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 Neoepiblema ambr 0 --> (01) (withn terminal)
1 Chinchilla lani g 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Eoincamys parvus 1 --> (01) (withn terminal)
1 Chambi ramys sylv 1 --> (01) (withn terminal)
1 Eoincamys valver 1 --> (01) (withn terminal)
1 Eoincamys ameghi 1 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)
1 Sci amys principa 1 --> (01) (withn terminal)
1 Galileomys euryg 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1     node_190 1 --> 0 node_189
1     node_188 0 --> 1 node_187
1     node_186 1 --> 0 node_183
1 Thrichomys apere 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

315 (Anterior conn) 0.833

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1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomania proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 1 --> (01) (wi thi n termi nal)
1 node_207 1 --> 0 node_206
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsis a 0 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 0 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Steioromys detent 0 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austral 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_193 0 --> 1 node_192
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys p r i n c i p a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys r i p a r i 1 --> (01) (w i t h i n t e r m i n a l)
 1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
 1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sti chomys regul a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosall amys paul a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acri tophi omys bo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchi mys barry 1 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dol ichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)

316 (Posterior iso) 1.000

Hsearch_Consensus.out

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1      Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1      node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1      node_141 1 ==> 0 node_130
1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
1      node_126 0 --> 1 node_124
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1      Cavia aperea 1 --> (01) (wi thi n termi nal)
1      Galea spixii 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1      Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)

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317 (Metaconid cri) 0.571

Hsearch_Consensus.out

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1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoeptiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 node_191 1 --> 0 node_190
1 node_176 0 --> 1 node_173
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 node_171 1 --> 0 Thrichomys apere
1 Echymys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteironomys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steironomys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 node_130 0 --> 1 node_129
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )

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318 (Neocristid 1) 1.000

Hsearch_Consensus.out

1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoeptiblenema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucocephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperrea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Branisamys luri b 0 --> (01) (w i t h i n t e r m i n a l)

319 (Labial connec) 1.000

Hsearch_Consensus.out

1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neopeblema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagidium vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomys ri pari 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosthichomys bow 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

320 (Neocristid 2) 0.750

1 Paraphiomys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophiomys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wil s 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_138 0 ==> 1 Brani samys luri b
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblima ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_201 0 ==> 1 node_200
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wil s 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)

321 (Labial connec) 1.000

Hsearch_Consensus.out

1 Hodsahibia azrae 0 --> (01) (with in terminal)
 1 'Waslamys' attia 0 --> (01) (with in terminal)
 1 Phiomys hammudai 0 --> (01) (with in terminal)
 1 Cachiycuy conta 0 --> (01) (with in terminal)
 1 Eoespina woodi -E 0 --> (01) (with in terminal)
 1 Canaanimys maqui 0 --> (01) (with in terminal)
 1 Protosteioromys m 0 --> (01) (with in terminal)
 1 Eosteioromys homo 0 --> (01) (with in terminal)
 1 Brani samyopsis a 0 --> (01) (with in terminal)
 1 Neosteioromys pat 0 --> (01) (with in terminal)
 1 Erethizon dorsat 0 --> (01) (with in terminal)
 1 Coendou prehensi 0 --> (01) (with in terminal)
 1 Steioromys detent 0 --> (01) (with in terminal)
 1 Hypsosteioromys a 0 --> (01) (with in terminal)
 1 Chaetomys subspi 0 --> (01) (with in terminal)
 1 Palaeosteioromys 0 --> (01) (with in terminal)
 1 Australoprocta f 0 --> (01) (with in terminal)
 1 Asteromys punctu 0 --> (01) (with in terminal)
 1 Dolichotis patag 0 --> (01) (with in terminal)
 1 Hydrochoerus hyd 0 --> (01) (with in terminal)
 1 Cavia aperea 0 --> (01) (with in terminal)
 1 Galea spixii 0 --> (01) (with in terminal)
 1 Perimys intermed 0 --> (01) (with in terminal)
 1 Neoreomys austra 0 --> (01) (with in terminal)
 1 Brani samys luri b 0 --> (01) (with in terminal)
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 Cuniculus paca-t 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Microscleromys p 0 --> (01) (with in terminal)
 1 Scleromys quadra 0 --> (01) (with in terminal)
 1 Scleromys angust 0 --> (01) (with in terminal)
 1 Drytomomys aequa 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Dinomys branickei 0 --> (01) (with in terminal)
 1 Neoepeblema ambr 0 --> (01) (with in terminal)
 1 Chinchilla lanig 0 --> (01) (with in terminal)
 1 Lagidium viscaci 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Scleromys osborn 0 --> (01) (with in terminal)
 1 Garri domys curnu 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Eoviscaccia aust 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Chambi ramys ship 0 --> (01) (with in terminal)
 1 Eoincamys parvus 0 --> (01) (with in terminal)
 1 Chambi ramys sylv 0 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypittamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Acaremys murinus 0 --> (01) (with in terminal)
 1 Sciamys principa 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Willidewu estepa 0 --> (01) (with in terminal)
 1 Prospaniomys pri 0 --> (01) (with in terminal)
 1 Spaniomys ripari 0 --> (01) (with in terminal)
 1 Myocastor coypus 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Maruchito trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Echymys chrysuru 0 --> (01) (with in terminal)
 1 Makalata didelph 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)

Hsearch_Consensus.out

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1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 node_200 0 ==> 1 Shapaj amys laboc
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neopebl ema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)

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322 (Posterior arm) 0.600

Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 node_192 1 --> 0 node_167
 1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
 1 node_169 1 ==> 0 Proechimys cuvie
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 323 (Lingual conne) 0.800
 1 Hodsa hi bi a azrae 3 --> (03) (wi thi n termi nal)
 1 node_120 3 ==> 0 'Wasl amys' attia
 1 Cachi yacuy conta 3 --> (03) (wi thi n termi nal)
 1 Eoespi na woodi -E 3 --> (03) (wi thi n termi nal)
 1 node_122 3 ==> 2 Canaani mys maqui
 1 node_141 3 --> 4 node_130
 1 node_124 4 --> 1 node_123
 1 Coendou prehensi 4 --> (14) (wi thi n termi nal)
 1 node_197 3 ==> 0 node_196
 1 Incamys bolivi an 0 --> (03) (wi thi n termi nal)
 1 node_168 0 ==> 3 Myocastor coypus
 1 node_186 0 ==> 2 node_185
 1 Sti chomys regula 2 --> (02) (wi thi n termi nal)
 2 Cavi ocricetus lu 0 --> (023) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (02) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (03) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (02) (wi thi n termi nal)
 1 node_209 3 --> 0 node_208
 324 (Double lingua) 0.857
 1 Metaphi omys scha 3 --> (03) (wi thi n termi nal)
 1 node_213 0 ==> 1 Ottomani a proavi
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsa hi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Stei romys detent 0 --> (02) (wi thi n termi nal)
 1 node_154 0 --> 1 node_153
 1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
 325 (Protoconid cr) 0.400
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapatti mys wils 1 --> (01) (wi thi n termi nal)
 1 node_213 1 ==> 0 Ottomani a proavi
 1 node_119 1 ==> 0 Hodsa hi bi a azrae
 1 node_207 1 ==> 0 Phi omys hammudai

Hsearch_Consensus.out

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1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 node_141 1 --> 0 node_140
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 node_157 1 --> 0 node_156
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagotomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiromys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittomys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyx pri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_173 1 --> 0 node_171
1 Spaniomyx ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Caviocricetus lu 1 --> (01) (with terminal)
 1 Plesiacaechymys 1 --> (01) (with terminal)
 1 Sallamys pascual 1 --> (01) (with terminal)
 1 Eosallamys paula 1 --> (01) (with terminal)
 1 node_200 1 ==> 0 Shapajamys laboc
 1 Eobranisamys jav 1 --> (01) (with terminal)
 1 Pozomys ucayalie 1 --> (01) (with terminal)
 1 Tarapotomys mayo 1 --> (01) (with terminal)
 1 Tarapotomys suba 1 --> (01) (with terminal)
 1 Thryonomys swind 1 --> (01) (with terminal)
 1 Paraphimys pigo 1 --> (01) (with terminal)
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tribosphenomys m 0 --> (01) (with terminal)
 1 Cocomys ligchaen 0 --> (01) (with terminal)
 1 Reithroparamys d 0 --> (01) (with terminal)
 1 Birbalomys sonda 0 --> (01) (with terminal)
 1 Tamquammys dispi 0 --> (01) (with terminal)
 1 Chapattimys wils 0 --> (01) (with terminal)
 1 Ottomaniaproavi 0 --> (01) (with terminal)
 1 Hodsahibia azrae 0 --> (01) (with terminal)
 1 Phiomys hammudai 0 --> (01) (with terminal)
 1 Cachiycuy conta 0 --> (01) (with terminal)
 1 Eoespina woodi -E 0 --> (01) (with terminal)
 1 Canaanimys maqui 0 --> (01) (with terminal)
 1 node_198 0 --> 1 node_141
 1 Protosteioromys m 1 --> (01) (with terminal)
 1 Eosteioromys homo 1 --> (01) (with terminal)
 1 Neosteioromys pat 1 --> (01) (with terminal)
 1 Erethizon dorsat 1 --> (01) (with terminal)
 1 Coendou prehensi 1 --> (01) (with terminal)
 1 Steioromys detent 1 --> (01) (with terminal)
 1 Hypsosteioromys a 1 --> (01) (with terminal)
 1 Chaetomys subspi 1 --> (01) (with terminal)
 1 Palaeosteioromys 1 --> (01) (with terminal)
 1 Australoprocta f 1 --> (01) (with terminal)
 1 Luantus propheti 1 --> (01) (with terminal)
 1 Asteromys punctu 1 --> (01) (with terminal)
 1 Dolichotis patag 1 --> (01) (with terminal)
 1 Hydrochoerus hyd 1 --> (01) (with terminal)
 1 Cavia aperea 1 --> (01) (with terminal)
 1 Galea spixii 1 --> (01) (with terminal)
 1 Perimys intermed 1 --> (01) (with terminal)
 1 Neoreomys austra 1 --> (01) (with terminal)
 1 Branisamys luri b 1 --> (01) (with terminal)
 1 Dasyprocta 1 --> (01) (with terminal)
 1 Cuniculus paca-t 1 --> (01) (with terminal)
 1 Eoincamys pascua 0 --> (01) (with terminal)
 1 Incamys bolivian 0 --> (01) (with terminal)
 1 Microscleromys p 0 --> (01) (with terminal)
 1 Scleromys quadra 0 --> (01) (with terminal)
 1 Scleromys angust 0 --> (01) (with terminal)
 1 Drytomomys aequa 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Dinomys branicki 0 --> (01) (with terminal)
 1 Neoeplema ambr 0 --> (01) (with terminal)
 1 Chinchilla lani g 0 --> (01) (with terminal)
 1 Lagidium viscaci 0 --> (01) (with terminal)
 1 Lagostomus maxi m 0 --> (01) (with terminal)
 1 Scleromys osborn 0 --> (01) (with terminal)
 1 Garri domys curnu 0 --> (01) (with terminal)
 1 Eoviscaccia fras 0 --> (01) (with terminal)
 1 Eoviscaccia aust 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 Eoincamys parvus 0 --> (01) (with terminal)
 1 Chambiramys syl v 0 --> (01) (with terminal)
 1 Eoincamys val ver 0 --> (01) (with terminal)
 1 Eoincamys ameghi 0 --> (01) (with terminal)
 1 Draconomys verai 0 --> (01) (with terminal)

326 (Connection of) 0.667

Hsearch_Consensus.out

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1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_188 0 --> 1 node_187
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 node_214 0 ==> 1 node_213
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 node_136 1 --> 0 node_135
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)

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327 (Thi rd cristi d) 0.250

Hsearch_Consensus.out

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1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 node_157 1 ==> 0 Chambi ramys shi p
1 Chambi ramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 node_187 1 ==> 0 node_186
1 node_176 0 ==> 1 node_173
1 Protadelphomys l 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi e 0 --> (01) (within terminal)
1 Pi thanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 node_184 0 ==> 1 Prosti chomys bow
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_209 1 ---> 0 node_208
1 Thryonomys swind 0 --> (01) (within terminal)
2 Archetypomys erl 0 --> (012) (within terminal)
2 Tri bosphenomys m 0 --> (012) (within terminal)
2 Cocomys ligchaen 0 --> (012) (within terminal)
2 Reithroparamys d 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys di spi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi -E 0 --> (01) (within terminal)
2 Protosteioromys m 0 --> (012) (within terminal)
1 node_124 0 --> 1 node_123
2 Neosteioromys pat 1 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (012) (within terminal)
1 node_127 0 ==> 1 Steioromys detent
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteioromys 0 --> (012) (within terminal)
2 Australoprocta f 0 --> (012) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
2 Asteromys punctu 0 --> (012) (within terminal)
2 Dolichotis patag 0 --> (012) (within terminal)
2 Hydrochoerus hyd 0 --> (012) (within terminal)

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328 (*Orientation) 0.467

Hsearch_Consensus.out

2 Cavia aperea 0 --> (012) (with terminal)
 2 Galea spixii 0 --> (012) (with terminal)
 2 Perimys intermed 0 --> (012) (with terminal)
 2 Neoreomys australis 0 --> (012) (with terminal)
 2 Cuniculus paca-t 0 --> (012) (with terminal)
 1 node_197 0 --> 1 node_196
 1 node_195 1 --> 0 node_161
 2 Eoincamys pasqua 0 --> (012) (with terminal)
 2 Microscleromys p 0 --> (012) (with terminal)
 2 Scleromys angust 0 --> (012) (with terminal)
 2 Potamarchus muri 0 --> (012) (with terminal)
 2 Dinomys branicki 0 --> (012) (with terminal)
 2 Neopibelema ambr 0 --> (012) (with terminal)
 2 Chinchilla lanig 0 --> (012) (with terminal)
 2 Lagidium viscaci 0 --> (012) (with terminal)
 2 Lagostomus maxim 0 --> (012) (with terminal)
 2 Scleromys osborn 0 --> (012) (with terminal)
 2 Garri domys curnu 0 --> (012) (with terminal)
 2 Eoviscaccia fras 0 --> (012) (with terminal)
 2 Scleromys praecu 0 --> (012) (with terminal)
 2 Chambi ramys ship 0 --> (012) (with terminal)
 2 Chambi ramys sylv 0 --> (012) (with terminal)
 2 Eoincamys valver 0 --> (012) (with terminal)
 2 Eoincamys ameghi 0 --> (012) (with terminal)
 2 Draconomys verai 1 --> (012) (with terminal)
 2 Leucokephalos ze 1 --> (012) (with terminal)
 2 Platypittamys br 1 --> (012) (with terminal)
 2 Deseadomys aramb 1 --> (012) (with terminal)
 2 Acaemys murinus 1 --> (012) (with terminal)
 2 Willidewu estepa 1 --> (012) (with terminal)
 1 node_192 1 --> 2 node_191
 2 node_187 2 ==> 0 node_186
 1 node_171 0 ==> 1 Thrichomys apere
 2 Protadelphomys l 0 --> (012) (with terminal)
 2 Euryzygomatomys 0 --> (012) (with terminal)
 2 Mesocapromys/Mys 0 --> (012) (with terminal)
 2 Xenodontomys sim 0 --> (012) (with terminal)

Hsearch_Consensus.out

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2 Ctenomys bolivi e 0 --> terminal
2 Ctenomys bolivi e 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Pi thanotomys col 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)
2 Spalacopus cyanu 0 --> (012) (within terminal)
2 Abrocoma bennett 0 --> (012) (within terminal)
2 Adelphomys candi 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
1 node_190 2 --> 1 Caviocricetus lu
1 node_200 0 ==> 1 Shapajamys laboc
2 Eobraniamys jav 0 --> (012) (within terminal)
2 Pozomys ucayal i e 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
2 Thryonomys swind 0 --> (012) (within terminal)
2 Paraphiomys pi go 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
329 (Neomesolophid) 0.529
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 node_120 1 --> 0 'Waslamys' attia
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaaniamys maqui 1 --> (01) (within terminal)
1 node_205 1 --> 0 node_204
1 node_201 0 --> 1 node_198
1 Protosteirromys m 1 --> (01) (within terminal)
1 Neosteirromys pat 1 --> (01) (within terminal)
1 node_126 1 --> 0 node_125
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Steirromys detent 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteirromys 1 --> (01) (within terminal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galeaspixii 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neopibrama ambr 1 --> (01) (within terminal)

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Hsearch_Consensus.out

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1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 node_157 1 ==> 0 Chambi ramys shi p
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l)
1 Proechi mys cuvie 1 --> (01) (w i t h i n t e r m i n a l)
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l)
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l)
1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l)
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
1 node_188 1 ==> 0 Dudumus rui gomez
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
1 Plesi acarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l)
1 Acritophi omys bo 1 --> (01) (w i t h i n t e r m i n a l)
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l)
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
1 Bugti mys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
1 node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l)
1 Canaanimys maqui 1 --> (01) (w i t h i n t e r m i n a l)
1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l)
1 node_124 1 ==> 0 Eostei romys homo
1 Neostei romys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Erethi zon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l)
1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l)

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330 (Length of the) 0.500

Hsearch_Consensus.out

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1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garriomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 node_165 0 --> 1 node_164
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_176 0 --> 1 node_173
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

331 (Strong forward) 1.000

1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 node_211 0 ==> 1 Acri tophi omys bo
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protostei romys m 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 node_154 0 --> 1 node_153
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol i vi e 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_217 0 --> 1 node_216
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_120 1 ==> 0 node_119
 1 Eoespina woodi -E 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Steiromys detent 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys p r i n c i p a 1 --> (01) (w i t h i n t e r m i n a l)
 1 Gal i l e o m y s e u r y g 1 --> (01) (w i t h i n t e r m i n a l)
 1 W i l l i d e w u e s t e p a 1 --> (01) (w i t h i n t e r m i n a l)
 1 S p a n i o m y s r i p a r i 1 --> (01) (w i t h i n t e r m i n a l)
 1 M y o c a s t o r c o y p u s 1 --> (01) (w i t h i n t e r m i n a l)
 1 P r o e c h i m y s c u v i e 1 --> (01) (w i t h i n t e r m i n a l)
 1 M a r u c h i t o t r i l o f 1 --> (01) (w i t h i n t e r m i n a l)
 1 T h r i c h o m y s a p e r e 1 --> (01) (w i t h i n t e r m i n a l)
 1 E c h i m y s c h r y s u r u 1 --> (01) (w i t h i n t e r m i n a l)
 1 M a k a l a t a d i d e l p h 1 --> (01) (w i t h i n t e r m i n a l)
 1 P r o t a d e l p h o m y s l 1 --> (01) (w i t h i n t e r m i n a l)
 1 M e s o c a p r o m y s / M y s 1 --> (01) (w i t h i n t e r m i n a l)
 1 X e n o d o n t o m y s s i m 1 --> (01) (w i t h i n t e r m i n a l)
 1 C t e n o m y s b o l i v i e 1 --> (01) (w i t h i n t e r m i n a l)
 1 N e o p h a n o m y s b i p l 1 --> (01) (w i t h i n t e r m i n a l)
 1 P i t h a n o t o m y s c o l 1 --> (01) (w i t h i n t e r m i n a l)
 1 O c t o d o n d e g u s 1 --> (01) (w i t h i n t e r m i n a l)
 1 S p a l a c o p u s c y a n u 1 --> (01) (w i t h i n t e r m i n a l)
 1 A b r o c o m a b e n n e t t 1 --> (01) (w i t h i n t e r m i n a l)
 1 A d e l p h o m y s c a n d i 1 --> (01) (w i t h i n t e r m i n a l)
 1 P r o s t i c h o m y s b o w 1 --> (01) (w i t h i n t e r m i n a l)
 1 P a m p a m y s e m m o n s a 1 --> (01) (w i t h i n t e r m i n a l)
 1 C a v i o c r i c e t u s l u 1 --> (01) (w i t h i n t e r m i n a l)
 1 E o s a l l a m y s p a u l a 1 --> (01) (w i t h i n t e r m i n a l)
 1 E o b r a n i s a m y s j a v 1 --> (01) (w i t h i n t e r m i n a l)
 1 P o z o m y s u c a y a l i e 1 --> (01) (w i t h i n t e r m i n a l)
 1 T a r a p o t o m y s s u b a 1 --> (01) (w i t h i n t e r m i n a l)
 1 T h r y o n o m y s s w i n d 1 --> (01) (w i t h i n t e r m i n a l)
 1 C o c o m y s l i g c h a e n 0 --> (01) (w i t h i n t e r m i n a l)
 1 R e i t h r o p a r a m y s d 0 --> (01) (w i t h i n t e r m i n a l)
 1 T a m q u a m m y s d i s p i 0 --> (01) (w i t h i n t e r m i n a l)
 1 C h a p a t t i m y s w i l s 0 --> (01) (w i t h i n t e r m i n a l)
 1 n o d e _ 2 1 4 0 ==> 1 n o d e _ 2 1 3
 1 B u g t i m y s z a f a r u l 1 --> (01) (w i t h i n t e r m i n a l)
 1 E o e s p i n a w o o d i - E 1 --> (01) (w i t h i n t e r m i n a l)
 1 C a n a a n i m y s m a q u i 1 --> (01) (w i t h i n t e r m i n a l)
 1 P r o t o s t e i r o m y s m 1 --> (01) (w i t h i n t e r m i n a l)
 1 E o s t e i r o m y s h o m o 1 --> (01) (w i t h i n t e r m i n a l)
 1 N e o s t e i r o m y s p a t 1 --> (01) (w i t h i n t e r m i n a l)
 1 E r e t h i z o n d o r s a t 1 --> (01) (w i t h i n t e r m i n a l)
 1 H y p s o s t e i r o m y s a 1 --> (01) (w i t h i n t e r m i n a l)
 1 C h a e t o m y s s u b s p i 1 --> (01) (w i t h i n t e r m i n a l)
 1 P a l a e o s t e i r o m y s 1 --> (01) (w i t h i n t e r m i n a l)
 1 A u s t r a l o p r o c t a f 1 --> (01) (w i t h i n t e r m i n a l)
 1 n o d e _ 1 3 6 1 --> 0 n o d e _ 1 3 5
 1 A s t e r o m y s p u n c t u 0 --> (01) (w i t h i n t e r m i n a l)
 1 D o l i c h o t i s p a t a g 0 --> (01) (w i t h i n t e r m i n a l)
 1 H y d r o c h o e r u s h y d 0 --> (01) (w i t h i n t e r m i n a l)
 1 C a v i a a p e r e a 0 --> (01) (w i t h i n t e r m i n a l)
 1 G a l e a s p i x i i 0 --> (01) (w i t h i n t e r m i n a l)
 1 N e o r e o m y s a u s t r a 1 --> (01) (w i t h i n t e r m i n a l)
 1 D a s y p r o c t a 1 --> (01) (w i t h i n t e r m i n a l)
 1 C u n i c u l u s p a c a - t 1 --> (01) (w i t h i n t e r m i n a l)
 1 n o d e _ 1 9 5 1 --> 0 n o d e _ 1 6 1
 1 E o i n c a m y s p a s c u a 0 --> (01) (w i t h i n t e r m i n a l)
 1 n o d e _ 1 5 4 0 --> 1 n o d e _ 1 4 2
 1 M i c r o s c l e r o m y s p 1 --> (01) (w i t h i n t e r m i n a l)
 1 S c l e r o m y s q u a d r a 0 --> (01) (w i t h i n t e r m i n a l)
 1 S c l e r o m y s a n g u s t 0 --> (01) (w i t h i n t e r m i n a l)
 1 P o t a m a r c h u s m u r i 0 --> (01) (w i t h i n t e r m i n a l)
 1 D i n o m y s b r a n i c k i 0 --> (01) (w i t h i n t e r m i n a l)
 1 N e o e p i b l e m a a m b r 0 --> (01) (w i t h i n t e r m i n a l)
 1 C h i n c h i l l a l a n i g 0 --> (01) (w i t h i n t e r m i n a l)
 1 L a g i d i u m v i s c a c i 0 --> (01) (w i t h i n t e r m i n a l)
 1 L a g o s t o m u s m a x i m 0 --> (01) (w i t h i n t e r m i n a l)
 1 S c l e r o m y s o s b o r n 0 --> (01) (w i t h i n t e r m i n a l)
 1 G a r r i d o m y s c u r n u 0 --> (01) (w i t h i n t e r m i n a l)

333 (Mesolophid on) 0.500

Hsearch_Consensus.out

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1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys valver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 1 --> (01) (withn terminal)
1 Leucokephalos ze 1 --> (01) (withn terminal)
1 Platypittamys br 1 --> (01) (withn terminal)
1 Deseadomys aramb 1 --> (01) (withn terminal)
1 Acaremys murinus 1 --> (01) (withn terminal)
1 Willidewu estepa 1 --> (01) (withn terminal)
1 node_187 1 ==> 0 node_186
1 node_176 0 --> 1 node_173
1 Spani omys ripari 1 --> (01) (withn terminal)
1 Proechimys cuvie 1 --> (01) (withn terminal)
1 Maruchito trilof 1 --> (01) (withn terminal)
1 Thrichomys apere 1 --> (01) (withn terminal)
1 Echimy s chrysuru 1 --> (01) (withn terminal)
1 Makalata didelph 1 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Mesocapromys/Mys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Ctenomys bolivie 0 --> (01) (withn terminal)
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 Abrocoma bennett 0 --> (01) (withn terminal)
1 node_184 0 ==> 1 Prosti chomys bow
1 Pampamys emmonsa 1 --> (01) (withn terminal)
1 Caviocri cetus lu 1 --> (01) (withn terminal)
1 Sallamys pascual 1 --> (01) (withn terminal)
1 Mayomys confluen 1 --> (01) (withn terminal)
1 Eobranisamys jav 1 --> (01) (withn terminal)
1 Pozomys ucayalie 1 --> (01) (withn terminal)
1 Tarapotomys suba 1 --> (01) (withn terminal)
1 Cachi yacuy kumme 1 --> (01) (withn terminal)
1 node_209 1 --> 0 node_208
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Metaphi omys scha 1 --> (01) (withn terminal)
1 node_120 0 --> 2 node_119
1 Hodsahibi a azrae 2 --> (02) (withn terminal)
1 Cachi yacuy conta 0 --> (02) (withn terminal)
1 node_204 0 --> 1 node_201
1 node_201 1 --> 2 node_198
1 node_126 2 --> 1 node_125
1 Stei romys defent 2 --> (02) (withn terminal)
1 node_138 2 --> 0 node_137
1 Luantus propheti 0 --> (01) (withn terminal)
1 node_165 2 ==> 0 Gal ileomys euryg
1 node_186 2 --> 0 node_185
1 node_188 2 ==> 1 Dudumus rui gomez
1 Caviocri cetus lu 2 --> (02) (withn terminal)
1 node_191 2 ==> 1 Ple si acarechi mys
1 Ple si acarechi mys 1 --> (01) (withn terminal)
1 Mayomys confluen 2 --> (02) (withn terminal)
1 Eosallamys paula 2 --> (12) (withn terminal)
2 Acri tophi omys bo 0 --> (012) (withn terminal)
1 Archetypomys erl 1 --> (01) (withn terminal)
1 Tri bosphenomys m 1 --> (01) (withn terminal)
1 Cocomys ligchaen 1 --> (01) (withn terminal)
1 Reithroparamys d 1 --> (01) (withn terminal)
1 Tamquammys di spi 1 --> (01) (withn terminal)
1 Chapattimys wils 1 --> (01) (withn terminal)
1 Protostei romys m 1 --> (01) (withn terminal)
1 Neostei romys pat 1 --> (01) (withn terminal)

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334 (Lingual conne) 0.632

335 (Mesial ectolo) 1.000

Hsearch_Consensus.out

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1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteiromys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia aperea 1 --> (01) (with in terminal)
1 Galea spixii 1 --> (01) (with in terminal)
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Cuniculus paca-t 1 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1 Scleromys angust 1 --> (01) (with in terminal)
1 Potamarchus muri 1 --> (01) (with in terminal)
1 Dinomys branicki 1 --> (01) (with in terminal)
1 Neoeplema ambr 1 --> (01) (with in terminal)
1 Chinchilla lanig 1 --> (01) (with in terminal)
1 Lagidium viscaci 1 --> (01) (with in terminal)
1 Lagostomus maxim 1 --> (01) (with in terminal)
1 Scleromys osborn 1 --> (01) (with in terminal)
1 Garri domys curnu 1 --> (01) (with in terminal)
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Platyptamys br 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1 Spaniomya ripari 1 --> (01) (with in terminal)
1 Protadelphomys l 1 --> (01) (with in terminal)
1 Mesocapromys/Mys 1 --> (01) (with in terminal)
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Ctenomys bolivi 1 --> (01) (with in terminal)
1 Pithanotomys col 1 --> (01) (with in terminal)
1 Octodon degus 1 --> (01) (with in terminal)
1 Spalacopus cyanu 1 --> (01) (with in terminal)
1 Abrocoma bennett 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Thryonomys swind 1 --> (01) (with in terminal)
1 Paraphiomya pi go 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 node_213 0 ==> 1 node_212
1 Bugtimys zafarul 1 --> (01) (with in terminal)
1 Hodsahibia azrae 1 --> (01) (with in terminal)
1 Canaanimys maqui 1 --> (01) (with in terminal)
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Hypsosteioromys a 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteiromys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Dolichotis patag 1 --> (01) (with in terminal)
1 Hydrochoerus hyd 1 --> (01) (with in terminal)

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336 (Orientation o) 1.000

Hsearch_Consensus.out

1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphi omys pigo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys australis 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)

337 (Distal ectolo) 1.000

Hsearch_Consensus.out

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1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucocephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_173 1 ==> 0 node_172
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Paraphomys pigo 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 node_213 0 ==> 1 Ottomani a proavi
1 node_120 0 --> 1 node_119
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 node_136 0 ==> 1 Luantus propheti
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n termi nal)
1 node_197 0 --> 1 node_196
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 node_154 1 --> 0 node_142
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)

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338 (Alignment of) 0.308

Hsearch_Consensus.out

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1 Eoincamys ameghi 1 --> (01) (withn terminal)
1   node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1   node_187 0 ==> 1 node_186
1   node_176 1 --> 0 node_173
1 Spani omys ripari 0 --> (01) (withn terminal)
1   node_169 0 ==> 1 Proechimys cuvie
1 Echimys chrysuru 0 --> (01) (withn terminal)
1 Makalata didelph 0 --> (01) (withn terminal)
1 Protadelphomys l 1 --> (01) (withn terminal)
1 Mesocapromys/Mys 1 --> (01) (withn terminal)
1 Xenodontomys sim 1 --> (01) (withn terminal)
1 Ctenomys bolivi e 1 --> (01) (withn terminal)
1 Pithanotomys col 1 --> (01) (withn terminal)
1   Octodon degus 1 --> (01) (withn terminal)
1 Spalacopus cyanu 1 --> (01) (withn terminal)
1 Abrocoma bennett 1 --> (01) (withn terminal)
1   node_190 0 ==> 1 Caviocrietus lu
1 Eobranisamys jav 0 --> (01) (withn terminal)
1 Pozomys ucayalie 0 --> (01) (withn terminal)
1 Tarapotomys suba 0 --> (01) (withn terminal)
1 Thryonomys swind 0 --> (01) (withn terminal)
1 Paraphi omys pigo 0 --> (01) (withn terminal)
1 Metaphi omys scha 0 --> (01) (withn terminal)
1 Cocomys ligchaen 0 --> (01) (withn terminal)
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Tamquammys dispi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1   node_207 0 --> 1 node_206
1 Cachi yacuy conta 1 --> (01) (withn terminal)
1 Canaanimys maqui 1 --> (01) (withn terminal)
1   node_201 1 --> 0 node_198
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Branisamyopsis a 0 --> (01) (withn terminal)
1 Neosteioromys pat 0 --> (01) (withn terminal)
1 Erethizon dorsat 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Dolichotis patag 0 --> (01) (withn terminal)
1 Hydrochoerus hyd 0 --> (01) (withn terminal)
1   Cavia aperea 0 --> (01) (withn terminal)
1   Galea spixii 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Neoreomys austra 0 --> (01) (withn terminal)
1   node_138 0 --> 1 Branisamys luri b
1   Dasyprocta 0 --> (01) (withn terminal)
1 Cuniculus paca-t 0 --> (01) (withn terminal)
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivi an 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branicki 0 --> (01) (withn terminal)
1 Neopiblerama ambr 0 --> (01) (withn terminal)
1 Chinchilla lani g 0 --> (01) (withn terminal)
1 Lagidium viscaci 0 --> (01) (withn terminal)
1 Lagostomus maxim 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 node_193 0 --> 1 Sal lamys pascual
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 2 Cocomys ligchaen 0 --> (012) (wi thi n
 termi nal)
 1 node_218 0 --> 1 node_217
 2 Reithroparamys d 1 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wils 1 --> (012) (wi thi n
 termi nal)
 2 Hodsahibi a azrae 1 --> (012) (wi thi n
 termi nal)
 1 node_212 1 ==> 2 node_211
 1 node_207 2 ==> 1 Phi omys hammudai
 1 Cachi yacuy conta 2 --> (12) (wi thi n termi nal)
 1 node_122 2 ==> 1 Canaanimys maqui
 1 node_198 2 ==> 1 node_141
 2 Protosteironomys m 1 --> (012) (wi thi n
 termi nal)
 2 Neosteironomys pat 1 --> (012) (wi thi n
 termi nal)
 2 Erethizon dorsat 1 --> (012) (wi thi n
 termi nal)
 1 node_130 1 --> 0 node_129

340 (*Position of) 0.412

Hsearch_Consensus.out

2 Chaetomys subspi 0 --> (012) (wi thi n
 termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n
 termi nal)
 2 Austral oprocta f 1 --> (012) (wi thi n
 termi nal)
 1 node_136 1 --> 2 node_135
 2 Asteromys punctu 2 --> (012) (wi thi n
 termi nal)
 2 Dol ichoti s patag 2 --> (012) (wi thi n
 termi nal)
 2 Hydrochoerus hyd 2 --> (012) (wi thi n
 termi nal)
 2 Cavi a aperea 2 --> (012) (wi thi n
 termi nal)
 2 Galea spi xi i 2 --> (012) (wi thi n
 termi nal)
 2 Neoreomys austra 1 --> (012) (wi thi n
 termi nal)
 2 Cuni cul us paca-t 1 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys pascua 2 --> (012) (wi thi n
 termi nal)
 2 Mi croscl eromys p 2 --> (012) (wi thi n
 termi nal)
 2 Scl eromys angust 2 --> (012) (wi thi n
 termi nal)
 2 Drytomomys aequa 2 --> (012) (wi thi n
 termi nal)
 2 Potamarchus muri 2 --> (012) (wi thi n
 termi nal)
 2 Neoepi bl ema ambr 2 --> (012) (wi thi n
 termi nal)
 2 Chi nchi l l a l ani g 2 --> (012) (wi thi n
 termi nal)
 2 Lagi di um vi scaci 2 --> (012) (wi thi n
 termi nal)
 2 Lagostomus maxi m 2 --> (012) (wi thi n
 termi nal)
 2 Scl eromys osborn 2 --> (012) (wi thi n
 termi nal)
 2 Garri domys curnu 2 --> (012) (wi thi n
 termi nal)
 2 Eovi scacci a fras 2 --> (012) (wi thi n
 termi nal)
 2 Scl eromys praecu 2 --> (012) (wi thi n
 termi nal)
 2 Chambi ramys syl v 2 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys val ver 2 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys ameghi 2 --> (012) (wi thi n
 termi nal)
 2 Draconomys verai 2 --> (012) (wi thi n
 termi nal)
 2 Leucokephal os ze 2 --> (012) (wi thi n
 termi nal)
 2 Pl atypi ttamys br 2 --> (012) (wi thi n
 termi nal)
 2 Deseadomys aramb 2 --> (012) (wi thi n
 termi nal)
 2 Acaremys muri nus 2 --> (012) (wi thi n
 termi nal)
 2 Wi l l i dewu estepa 2 --> (012) (wi thi n
 termi nal)
 1 node_188 2 ==> 1 node_187
 1 node_182 1 ==> 2 node_176
 1 node_169 2 ==> 1 node_168

Hsearch_Consensus.out

2 Protadelphomys l 2 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys sim 1 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)
2 Octodon degus 1 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 1 --> (012) (wi thi n
termi nal)
1 Mayomys confl uen 2 --> (12) (wi thi n termi nal)
1 Eosall amys paul a 2 --> (12) (wi thi n termi nal)
1 node_200 2 --> 1 node_199
2 Eobrani samys j av 1 --> (012) (wi thi n
termi nal)
2 Pozomys ucayal ie 2 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)
1 node_214 1 ==> 2 Bal uchi mys barry
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 node_214 1 ==> 0 node_213
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 node_205 0 ==> 1 node_122
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 node_141 0 --> 1 node_130
1 Protosteirromys m 1 --> (01) (wi thi n termi nal)
1 Eosteirromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteirromys pat 1 --> (01) (wi thi n termi nal)
1 Erethizon dorsat 1 --> (01) (wi thi n termi nal)
1 Steirromys detent 1 --> (01) (wi thi n termi nal)
1 Hyposteirromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteirromys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)

341 (Posterior iso) 0.846

Hsearch_Consensus.out

1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi 0 --> (01) (w i t h i n t e r m i n a l)
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
1 Tamquammys dispi 1 --> (01) (w i t h i n t e r m i n a l)
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
1 Protosteironomys m 1 --> (01) (w i t h i n t e r m i n a l)
1 Neosteironomys pat 1 --> (01) (w i t h i n t e r m i n a l)
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
1 Palaeosteironomys 1 --> (01) (w i t h i n t e r m i n a l)
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l)
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l)
1 Neopiblema ambr 1 --> (01) (w i t h i n t e r m i n a l)
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l)
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l)
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l)
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l)
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l)
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l)
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l)
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l)
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l)
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l)
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l)
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l)
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l)
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l)
1 Ctenomys bolivi 1 --> (01) (w i t h i n t e r m i n a l)
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l)
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l)

342 (Hypolophid on) 1.000

Hsearch_Consensus.out

343 (Alignment of) 0.600

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1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_153
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoeplema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 node_186 0 --> 1 node_185
1 node_184 1 --> 0 Prosthichomys bow
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtims zafarul 0 --> (01) (w i t h i n t e r m i n a l )

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344 (Hypoconulid o) 0.750

Hsearch_Consensus.out

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1 node_211 0 --> 1 node_210
1 node_207 1 --> 0 Phi omys hammudai
1 Protosteir omys m 1 --> (01) (wi thi n termi nal)
1 Neosteir omys pat 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteir omys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Micromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neopibellia ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosthomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)

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345 (Development o) 0.800

Hsearch_Consensus.out

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1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 1 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 1 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 node_214 1 --> 0 node_213
1 node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austr 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium vi scaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

1 Myocastor coypus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Proechimys cuvie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilofo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l)
 1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l)
 1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechimy s 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphomys pi go 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 1 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_154 1 ==> 0 node_153
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lani g 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxi m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l)

346 (Anterior arm) 1.000

Hsearch_Consensus.out

1 Eoincamys valver 1 --> (01) (with terminal)
 1 Eoincamys ameghi 1 --> (01) (with terminal)
 1 Draconomys verai 1 --> (01) (with terminal)
 1 Leucokephalos ze 1 --> (01) (with terminal)
 1 Platypittamys br 1 --> (01) (with terminal)
 1 Deseadomys aramb 1 --> (01) (with terminal)
 1 Acaremys murinus 1 --> (01) (with terminal)
 1 Willidewu estepa 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivi e 1 --> (01) (with terminal)
 1 Pithanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Eobranisamys jav 1 --> (01) (with terminal)
 1 Pozomys ucayalie 1 --> (01) (with terminal)
 1 Tarapotomys suba 1 --> (01) (with terminal)
 2 Cocomys ligchaen 1 --> (012) (with terminal)
 2 Reithroparamys d 1 --> (012) (with terminal)
 1 node_217 1 --> 2 node_216
 2 Tamquammys dispi 2 --> (012) (with terminal)
 2 Chapattimys wils 2 --> (012) (with terminal)
 2 Phiomys hammudai 2 --> (012) (with terminal)
 2 Eoespina woodi -E 2 --> (012) (with terminal)
 2 Protosteioromys m 2 --> (012) (with terminal)
 2 Neosteioromys pat 2 --> (012) (with terminal)
 2 Erethizon dorsat 2 --> (012) (with terminal)
 2 Chaetomys subspi 2 --> (012) (with terminal)
 2 Palaeosteioromys 2 --> (012) (with terminal)
 2 Australoprocta f 2 --> (012) (with terminal)
 2 Luantus propheti 2 --> (012) (with terminal)
 2 Asteromys punctu 2 --> (012) (with terminal)
 2 Dolichotis patag 2 --> (012) (with terminal)
 2 Hydrochoerus hyd 2 --> (012) (with terminal)
 2 Cavia aperea 2 --> (012) (with terminal)
 2 Galea spixii 2 --> (012) (with terminal)
 2 Perimys intermed 2 --> (012) (with terminal)
 2 Neoreomys austra 2 --> (012) (with terminal)
 1 Branisamys luri b 2 --> (12) (with terminal)
 2 Dasyprocta 2 --> (012) (with terminal)
 2 Cuniculus paca-t 2 --> (012) (with terminal)
 1 node_196 2 ==> 1 node_195
 1 node_157 1 --> 2 node_156
 2 Eoincamys pascua 2 --> (012) (with terminal)

Hsearch_Consensus.out

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2 Microscleromys p 2 --> terminal)
2 Scleromys quadra 2 --> (012) (with in
terminal)
2 Scleromys angust 2 --> (012) (with in
terminal)
2 Drytomomys aequa 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Dinomys brani cki 2 --> (012) (with in
terminal)
2 Neoeplima ambr 2 --> (012) (with in
terminal)
2 Chinchilla lani g 2 --> (012) (with in
terminal)
2 Lagidium viscaci 2 --> (012) (with in
terminal)
2 Lagostomus maxi m 2 --> (012) (with in
terminal)
2 Scleromys osborn 2 --> (012) (with in
terminal)
2 Garri domys curnu 2 --> (012) (with in
terminal)
2 Eoviscaccia fras 2 --> (012) (with in
terminal)
2 Eoviscaccia aust 2 --> (012) (with in
terminal)
2 Scleromys praecu 2 --> (012) (with in
terminal)
2 Chambi ramys syl v 1 --> (012) (with in
terminal)
2 Eoincamys val ver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_195 1 --> 0 node_194
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Leucokephalos ze 0 --> (012) (with in
terminal)
2 Platypittamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Acaemys murinus 0 --> (012) (with in
terminal)
2 Sci amys pri nci pa 0 --> (012) (with in
terminal)
2 Galileomys euryg 0 --> (012) (with in
terminal)
2 Willidewu estepa 0 --> (012) (with in
terminal)
2 Prospani omys pri 0 --> (012) (with in
terminal)
2 Spani omys ri pari 0 --> (012) (with in
terminal)
2 Maruchito tril of 0 --> (012) (with in
terminal)
2 Thrichomys apere 0 --> (012) (with in
terminal)
2 Echi mys chrysuru 0 --> (012) (with in
terminal)
2 Makalata del ph 0 --> (012) (with in
terminal)
2 Protadel phomys l 0 --> (012) (with in
terminal)

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Hsearch_Consensus.out
 2 Euryzygomatomys 0 --> (012) (wi thi n
    terminal)
 2 Mesocapromys/Mys 0 --> (012) (wi thi n
    terminal)
 2 Xenodontomys sim 0 --> (012) (wi thi n
    terminal)
 2 Ctenomys bolivi e 0 --> (012) (wi thi n
    terminal)
 2 Neophanomys bi pl 0 --> (012) (wi thi n
    terminal)
 2 Pi thanotomys col 0 --> (012) (wi thi n
    terminal)
 2 Octodon degus 0 --> (012) (wi thi n
    terminal)
 2 Spalacopus cyanu 0 --> (012) (wi thi n
    terminal)
 2 Abrocoma bennett 0 --> (012) (wi thi n
    terminal)
 2 Adelphomys candi 0 --> (012) (wi thi n
    terminal)
 2 Prosthomys bow 0 --> (012) (wi thi n
    terminal)
 2 Stenomys regul a 0 --> (012) (wi thi n
    terminal)
 2 Dudumus rui gomez 0 --> (012) (wi thi n
    terminal)
 2 Pampamys emmonsa 0 --> (012) (wi thi n
    terminal)
 2 Caviocricetus lu 0 --> (012) (wi thi n
    terminal)
 2 Plesiacarechymys 0 --> (012) (wi thi n
    terminal)
 2 Sallamys pascual 0 --> (012) (wi thi n
    terminal)
 2 Eobranisamys rom 2 --> (012) (wi thi n
    terminal)
 2 Eobranisamys jav 2 --> (012) (wi thi n
    terminal)
 1 node_204 2 --> 1 node_203
 2 Pozomys ucayal i e 1 --> (012) (wi thi n
    terminal)
 2 Tarapotomys suba 1 --> (012) (wi thi n
    terminal)
 2 Thryonomys swi nd 2 --> (012) (wi thi n
    terminal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
 1 Reithroparamys d 0 --> (01) (wi thi n terminal)
 1 Tamquammys dispi 0 --> (01) (wi thi n terminal)
 1 Chapattimys wils 0 --> (01) (wi thi n terminal)
 1 'Waslamys' attia 0 --> (01) (wi thi n terminal)
 1 Phiomys hammudai 0 --> (01) (wi thi n terminal)
 1 Protosteironomys m 0 --> (01) (wi thi n terminal)
 1 Neosteironomys pat 0 --> (01) (wi thi n terminal)
 1 Erethizon dorsat 0 --> (01) (wi thi n terminal)
 1 Chaetomys subspi 0 --> (01) (wi thi n terminal)
 1 Palaeosteironomys 0 --> (01) (wi thi n terminal)
 1 Australoprocta f 0 --> (01) (wi thi n terminal)
 1 Asteromys punctu 0 --> (01) (wi thi n terminal)
 1 Dolichotis patag 0 --> (01) (wi thi n terminal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
 1 Cavia aperea 0 --> (01) (wi thi n terminal)
 1 Galea spixi i 0 --> (01) (wi thi n terminal)
 1 Neoreomys austra 0 --> (01) (wi thi n terminal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n terminal)
 1 Eoincamys pascua 0 --> (01) (wi thi n terminal)
 1 node_154 0 --> 1 node_142
 1 Microtomys p 1 --> (01) (wi thi n terminal)
 1 Scleromys quadra 0 --> (01) (wi thi n terminal)

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348 (Length of the) 1.000

Hsearch_Consensus.out

1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteironomys m 0 --> (01) (wi thi n termi nal)
 1 Neosteironomys pat 0 --> (01) (wi thi n termi nal)
 1 Erethizon dorsat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Palaeosteironomys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)

349 (Anteroflexid) 0.500

Hsearch_Consensus.out

1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_182 0 ==> 1 node_181
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_189 0 ==> 1 Pampamys emmonsa
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomyys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branicki 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoeplema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_181 0 ==> 1 node_178
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomyys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)

350 ((Distal) meso) 1.000

351 (Metaflexid on) 1.000

Hsearch_Consensus.out

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1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garriomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_182 0 ==> 1 node_181
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
352 (*Trigoni d hei) 0.667
1 node_219 1 --> 0 Archetypomys erl
1 node_219 1 --> 0 Tribosphenomys m
1 node_118 1 ==> 0 Reithroparamys d
1 node_215 1 ==> 2 node_214
2 Ottomaniaproavi 2 --> (012) (w i t h i n t e r m i n a l )
2 Neosteioromys pat 2 --> (012) (w i t h i n t e r m i n a l )
2 Chaetomys subspi 2 --> (012) (w i t h i n t e r m i n a l )
2 Potamarchus muri 2 --> (012) (w i t h i n t e r m i n a l )
2 Neophanomys bipl 2 --> (012) (w i t h i n t e r m i n a l )
2 Eosallamys paula 2 --> (012) (w i t h i n t e r m i n a l )
2 Thryonomys swind 2 --> (012) (w i t h i n t e r m i n a l )
2 Acritophiomyso 2 --> (012) (w i t h i n t e r m i n a l )
353 (Trigoni d wi dt) 0.125
1 node_218 0 --> 1 node_217
1 node_118 1 --> 0 Reithroparamys d
1 node_128 1 ==> 0 Protosteioromys m
1 node_124 1 ==> 0 Eosteioromys homo

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Hsearch_Consensus.out

1 Palaeosteiromys 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Chambi ramys shi p 1 --> (01) (withn terminal)
 1 node_158 1 ==> 0 Eoincamys parvus
 1 Eoincamys val ver 1 --> (01) (withn terminal)
 1 node_163 1 ==> 0 Deseadomys aramb
 1 node_187 1 ==> 0 Prospani omys pri
 1 node_177 1 ==> 0 Ctenomys bolivi e
 1 Eobranisamys jav 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 2 Archetypomys erl 0 --> (012) (withn terminal)
 1 node_219 0 --> 1 Tribosphenomys m
 2 Chapattimys wils 0 --> (012) (withn terminal)
 2 Ottomani a proavi 0 --> (012) (withn terminal)
 2 Hodsahibi a azrae 0 --> (012) (withn terminal)
 2 'Waslamys' attia 0 --> (012) (withn terminal)
 1 node_212 0 --> 1 node_211
 2 Phi omys hammudai 1 --> (012) (withn terminal)
 2 Cachi yacuy conta 1 --> (012) (withn terminal)
 2 Eoespi na woodi -E 1 --> (012) (withn terminal)
 2 Canaanimys maqui 1 --> (012) (withn terminal)
 2 Protostei romys m 1 --> (012) (withn terminal)
 1 node_126 1 --> 2 node_124
 2 Eostei romys homo 2 --> (012) (withn terminal)
 1 Stei romys detent 1 --> (01) (withn terminal)
 2 Hypsostei romys a 1 --> (012) (withn terminal)
 2 Palaeostei romys 1 --> (012) (withn terminal)
 2 Australoprocta f 1 --> (012) (withn terminal)
 1 Luantus propheti 1 --> (01) (withn terminal)
 1 node_131 1 ==> 0 Hydrochoerus hyd
 1 node_132 1 ==> 0 Galea spixi i
 1 node_138 1 ==> 2 Branisamys luri b
 1 node_198 1 --> 2 node_197
 2 Eoincamys pascua 2 --> (012) (withn terminal)
 2 Microscleromys p 2 --> (012) (withn terminal)
 1 node_149 2 --> 1 node_148
 2 Potamarchus muri 1 --> (012) (withn terminal)
 2 Neoepi blema ambr 1 --> (012) (withn terminal)
 1 node_153 2 --> 1 node_152
 2 Eoviscaccia fras 1 --> (012) (withn terminal)
 2 Eoviscaccia aust 1 --> (012) (withn terminal)
 2 Scleromys praecu 2 --> (012) (withn terminal)
 2 Chambi ramys shi p 2 --> (012) (withn terminal)
 2 Eoincamys parvus 2 --> (012) (withn terminal)

354 (*Length of m3) 0.360

Hsearch_Consensus.out

```

terminal)
2 Chambi ramys syl v 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 2 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 2 --> (012) (wi thi n
terminal)
1 node_194 2 --> 1 node_162
2 Leucokephal os ze 1 --> (012) (wi thi n
terminal)
1 node_167 2 ==> 1 node_166
1 Sci amys pri nci pa 1 --> (01) (wi thi n terminal)
1 node_190 2 ==> 1 node_189
2 Prospani omys pri 1 --> (012) (wi thi n
terminal)
1 node_173 1 --> 0 node_171
2 Spani omys ri pari 0 --> (012) (wi thi n
terminal)
1 node_169 0 --> 1 Proechi mys cuvi e
2 Maruchi to tri lof 0 --> (012) (wi thi n
terminal)
1 node_175 1 ==> 2 Mesocapromys/Mys
1 node_182 1 ==> 2 node_181
1 node_177 2 ==> 1 Xenodontomys si m
2 Pi thanotomys col 2 --> (012) (wi thi n
terminal)
2 Adel phomys candi 1 --> (012) (wi thi n
terminal)
1 node_184 1 ==> 2 Prosti chomys bow
2 Mayomys confl uen 2 --> (012) (wi thi n
terminal)
2 Eosal lamys paul a 2 --> (012) (wi thi n
terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
terminal)
2 Eobrani samys j av 1 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n
terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
terminal)
2 node_219 0 --> 2 Archetypomys erl
2 node_219 0 --> 2 Tri bosphenomys m
1 node_215 0 ==> 1 node_214
2 Chaetomys subspi 1 --> (012) (wi thi n
terminal)
2 Dol ichoti s patag 1 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
terminal)
2 Cavi a aperea 1 --> (012) (wi thi n
terminal)
2 Galea spi xi i 1 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 1 --> (012) (wi thi n
terminal)
1 Brani samys luri b 1 --> (12) (wi thi n terminal)
1 Incamys bol i vi an 1 --> (12) (wi thi n terminal)

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355 (*Distance bet) 0.800

Hsearch_Consensus.out

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2 Scleromys quadra 1 --> (012) (wi thi n
  termi nal )
2 Scleromys angust 1 --> (012) (wi thi n
  termi nal )
2 Drytomomys aequa 1 --> (012) (wi thi n
  termi nal )
2 Potamarchus muri 1 --> (012) (wi thi n
  termi nal )
2 Di nomys brani cki 1 --> (012) (wi thi n
  termi nal )
2 Neoepi blema ambr 1 --> (012) (wi thi n
  termi nal )
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
  termi nal )
2 Lagi di um vi scaci 1 --> (012) (wi thi n
  termi nal )
2 Lagostomus maxi m 1 --> (012) (wi thi n
  termi nal )
2 Scleromys osborn 1 --> (012) (wi thi n
  termi nal )
2 Garri domys curnu 1 --> (012) (wi thi n
  termi nal )
2 Eovi scacci a fras 1 --> (012) (wi thi n
  termi nal )
2 Eovi scacci a aust 1 --> (012) (wi thi n
  termi nal )
2 Scleromys praecu 1 --> (012) (wi thi n
  termi nal )
2 Chambi ramys shi p 1 --> (012) (wi thi n
  termi nal )
2 Maruchi to tri l of 1 --> (012) (wi thi n
  termi nal )
2 Thri chomys apere 1 --> (012) (wi thi n
  termi nal )
2 Makal ata di del ph 1 --> (012) (wi thi n
  termi nal )
2 Euryzygomatomys 1 --> (012) (wi thi n
  termi nal )
2 Mesocapromys/Mys 1 --> (012) (wi thi n
  termi nal )
2 Xenodontomys si m 1 --> (012) (wi thi n
  termi nal )
2 Ctenomys bol i vie 1 --> (012) (wi thi n
  termi nal )
2 Pi thanotomys col 1 --> (012) (wi thi n
  termi nal )
2 Spal acopus cyanu 1 --> (012) (wi thi n
  termi nal )
2 Abrocoma bennett 1 --> (012) (wi thi n
  termi nal )
2 Adel phomys candi 1 --> (012) (wi thi n
  termi nal )
2 Pampamys emmonsa 1 --> (012) (wi thi n
  termi nal )
2 Tarapotomys suba 1 --> (012) (wi thi n
  termi nal )
356 (Anterocinguli) 0.667
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (wi thi n termi nal )
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal )
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal )
1 Chapattimys wils 1 --> (01) (wi thi n termi nal )
1 node_120 1 ==> 0 'Waslamys' attia
1 node_210 1 ==> 0 node_209
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal )
1 Potamarchus muri 0 --> (01) (wi thi n termi nal )
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal )
357 (Position of t) 0.231
1 Tribosphenomys m 1 --> (01) (wi thi n termi nal )
1 node_218 1 ==> 0 Cocomys ligchaen

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Hsearch_Consensus.out

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1 node_118 1 ==> 0 Bi rbal omys sonda
1 node_215 1 ==> 0 Chapatti mys wi ls
1 node_121 1 ==> 0 Eoespi na woodi -E
1 node_141 1 --> 0 node_130
1 node_128 0 --> 1 Protostei romys m
1 node_123 0 ==> 1 Brani samyopsi s a
1 node_138 1 ==> 0 node_137
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 node_153 1 --> 0 node_152
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 node_192 1 --> 0 node_167
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 node_189 1 ==> 0 node_188
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 node_118 0 ==> 1 Bi rbal omys sonda
2 node_216 0 --> 2 node_215
2 Chapatti mys wi ls 2 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 2 --> (012) (wi thi n
termi nal)
1 node_212 2 --> 1 node_211
1 node_207 1 ==> 0 Phi omys hammudai
1 node_207 1 --> 2 node_206
2 Eoespi na woodi -E 2 --> (012) (wi thi n

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Hsearch_Consensus.out

2 Neosteiomys pat 2 --> terminal)
(012) (with in
terminal)
2 Chaetomys subspi 2 --> (012) (with in
terminal)
2 Australoprocta f 2 --> (012) (with in
terminal)
2 Luantus propheti 2 --> (012) (with in
terminal)
2 Dolichotis patag 2 --> (012) (with in
terminal)
2 Hydrochoerus hyd 2 --> (012) (with in
terminal)
2 Cavia aperea 2 --> (012) (with in
terminal)
2 Galea spixii 2 --> (012) (with in
terminal)
2 Perimys intermed 2 --> (012) (with in
terminal)
2 Neoreomys austra 2 --> (012) (with in
terminal)
2 Braniamys luri b 2 --> (012) (with in
terminal)
2 Dasypsecta 2 --> (012) (with in
terminal)
2 Cuniculus paca-t 2 --> (012) (with in
terminal)
2 Microscleromys p 2 --> (012) (with in
terminal)
2 Scleromys quadra 2 --> (012) (with in
terminal)
2 Scleromys angust 2 --> (012) (with in
terminal)
2 Drytomomys aequa 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Diomys branickei 2 --> (012) (with in
terminal)
2 Neopibicula ambr 2 --> (012) (with in
terminal)
2 Chinchilla lani g 2 --> (012) (with in
terminal)
2 Lagidium viscaci 2 --> (012) (with in
terminal)
2 Lagostomus maxi m 2 --> (012) (with in
terminal)
2 Scleromys osborn 2 --> (012) (with in
terminal)
2 Garri domys curnu 2 --> (012) (with in
terminal)
2 Eoviscaccia fras 2 --> (012) (with in
terminal)
2 Eoviscaccia aust 2 --> (012) (with in
terminal)
2 Scleromys praecu 2 --> (012) (with in
terminal)
2 Chambi ramys shi p 2 --> (012) (with in
terminal)
2 Eoincamys val ver 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platypitmys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in

Hsearch_Consensus.out

				terminal)
2	Prospani omys pri	2 -->	(012)	(wi thi n terminal)
2	Spani omys ri pari	2 -->	(012)	(wi thi n terminal)
2	Proechi mys cuvi e	2 -->	(012)	(wi thi n terminal)
2	Maruchi to tri l of	2 -->	(012)	(wi thi n terminal)
2	Echi mys chrysuru	2 -->	(012)	(wi thi n terminal)
2	Protadel phomys l	2 -->	(012)	(wi thi n terminal)
2	Mesocapromys/Mys	2 -->	(012)	(wi thi n terminal)
2	Xenodontomys si m	2 -->	(012)	(wi thi n terminal)
2	Ctenomys bol i vi e	2 -->	(012)	(wi thi n terminal)
2	Neophanomys bi pl	2 -->	(012)	(wi thi n terminal)
2	Pi thanotomys col	2 -->	(012)	(wi thi n terminal)
2	Octodon degus	2 -->	(012)	(wi thi n terminal)
2	Spal acopus cyanu	2 -->	(012)	(wi thi n terminal)
2	Abrocoma bennett	2 -->	(012)	(wi thi n terminal)
2	Adel phomys candi	2 -->	(012)	(wi thi n terminal)
2	Prosti chomys bow	2 -->	(012)	(wi thi n terminal)
2	Sti chomys regul a	2 -->	(012)	(wi thi n terminal)
2	Dudumus rui gomez	2 -->	(012)	(wi thi n terminal)
2	Pampamys emmonsa	2 -->	(012)	(wi thi n terminal)
2	Cavi ocricetus l u	2 -->	(012)	(wi thi n terminal)
2	Pl esi acarechi mys	2 -->	(012)	(wi thi n terminal)
2	Eosal l amys paul a	2 -->	(012)	(wi thi n terminal)
2	Pozomys ucayal i e	2 -->	(012)	(wi thi n terminal)
2	Tarapotomys mayo	2 -->	(012)	(wi thi n terminal)
2	Tarapotomys suba	2 -->	(012)	(wi thi n terminal)
2	Thryonomys swi nd	1 -->	(012)	(wi thi n terminal)
2	Metaphi omys scha	1 -->	(012)	(wi thi n terminal)
2	Acri tophi omys bo	1 -->	(012)	(wi thi n terminal)
359 (Posterior arm) 0.500	1	node_119	0 ==>	1 Hodsahi bi a azrae
	1	node_129	0 ==>	1 Chaetomys subspi
	1	Dol i choti s patag	0 -->	(01) (wi thi n terminal)
	1	Hydrochoerus hyd	0 -->	(01) (wi thi n terminal)
	1	Cavi a aperea	0 -->	(01) (wi thi n terminal)
	1	Galea spi xi i	0 -->	(01) (wi thi n terminal)
	1	node_139	0 ==>	1 Cuni cul us paca-t
	1	Drytomomys aequa	0 -->	(01) (wi thi n terminal)
	1	Potamarchus muri	0 -->	(01) (wi thi n terminal)
	1	Di nomys brani cki	0 -->	(01) (wi thi n terminal)
	1	Neoepi bl ema ambr	0 -->	(01) (wi thi n terminal)

Hsearch_Consensus.out

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1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1   node_152 0 ==> 1 Garri domys curnu
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1   node_165 0 ==> 1 Gal ileomys euryg
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1   node_191 0 ==> 1 node_190
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1   node_169 1 ==> 0 Proechi mys cuvi e
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1   node_185 1 --> 0 node_184
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1   node_123 0 ==> 1 Brani samyopsi s a
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1   node_141 0 ==> 1 Pal aeostei romys
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1   node_135 0 --> 1 node_134
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   node_140 0 --> 1 node_139
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Incamys bol ivian 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1   node_152 0 --> 1 node_151
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1   node_195 0 ==> 1 node_194
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1   node_188 1 --> 0 node_187
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)

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360 (Length of the) 0.650

Hsearch_Consensus.out

1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 node_209 0 ==> 1 node_208
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 node_219 0 --> 1 Archetypomys erl
 1 node_218 0 --> 1 node_217
 1 node_118 1 ---> 0 Rei throparamys d
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)

361 (Thi ckness of) 0.600

Hsearch_Consensus.out

362 (Lingual conne) 1.000

1 Caviocricetus lu 1 --> (01) (within terminal)
 1 Metaphomys scha 1 --> (01) (within terminal)
 1 Archetypomys erl 0 --> (01) (within terminal)
 1 node_219 0 --> 1 Tribosphenomys m
 1 Luantus propheti 0 --> (01) (within terminal)
 1 Asteromys punctu 0 --> (01) (within terminal)
 1 Dolichotis patag 0 --> (01) (within terminal)
 1 Hydrochoerus hyd 0 --> (01) (within terminal)
 1 Cavia aperea 0 --> (01) (within terminal)
 1 Galea spixii 0 --> (01) (within terminal)
 1 Neoreomys austra 0 --> (01) (within terminal)
 1 Dasyprocta 0 --> (01) (within terminal)
 1 Cuniculus paca-t 0 --> (01) (within terminal)
 1 Scleromys quadra 0 --> (01) (within terminal)
 1 Scleromys angust 0 --> (01) (within terminal)
 1 Drytomomys aequa 0 --> (01) (within terminal)
 1 Potamarchus muri 0 --> (01) (within terminal)
 1 Neopibleria ambr 0 --> (01) (within terminal)
 1 Chinchilla lanig 0 --> (01) (within terminal)
 1 Lagidium viscaci 0 --> (01) (within terminal)
 1 Lagostomus maxim 0 --> (01) (within terminal)
 1 Scleromys osborn 0 --> (01) (within terminal)
 1 Eoviscaccia fras 0 --> (01) (within terminal)
 1 Scleromys praecu 0 --> (01) (within terminal)
 1 Deseadomys aramb 0 --> (01) (within terminal)
 1 Willidewu estepa 0 --> (01) (within terminal)
 1 Spaniomys ripari 0 --> (01) (within terminal)
 1 Maruchito trifol 0 --> (01) (within terminal)
 1 Echymys chrysuru 0 --> (01) (within terminal)
 1 Protadelphomys l 0 --> (01) (within terminal)
 1 Mesocapromys/Mys 0 --> (01) (within terminal)
 1 Xenodontomys sim 0 --> (01) (within terminal)
 1 Ctenomys bolivi 0 --> (01) (within terminal)
 1 Neophanomys bipl 0 --> (01) (within terminal)
 1 Piathanotomys col 0 --> (01) (within terminal)
 1 Octodon degus 0 --> (01) (within terminal)
 1 Spalacopus cyanu 0 --> (01) (within terminal)
 1 Abrocoma bennett 0 --> (01) (within terminal)
 1 Prostichomys bow 0 --> (01) (within terminal)
 1 Stichomys regula 0 --> (01) (within terminal)
 1 Hypsosteirromys a 0 --> (01) (within terminal)
 1 Luantus propheti 0 --> (01) (within terminal)
 1 Asteromys punctu 0 --> (01) (within terminal)
 1 Dolichotis patag 0 --> (01) (within terminal)
 1 Hydrochoerus hyd 0 --> (01) (within terminal)
 1 Cavia aperea 0 --> (01) (within terminal)
 1 Galea spixii 0 --> (01) (within terminal)
 1 Neoreomys austra 0 --> (01) (within terminal)
 1 Bransamys luri b 0 --> (01) (within terminal)
 1 Dasyprocta 0 --> (01) (within terminal)
 1 Cuniculus paca-t 0 --> (01) (within terminal)
 1 Eoincamys pascua 0 --> (01) (within terminal)
 1 node_142 0 ==> 1 Microscleromys p
 1 Scleromys quadra 0 --> (01) (within terminal)
 1 Scleromys angust 0 --> (01) (within terminal)
 1 Drytomomys aequa 0 --> (01) (within terminal)
 1 Potamarchus muri 0 --> (01) (within terminal)
 1 Neopibleria ambr 0 --> (01) (within terminal)
 1 Chinchilla lanig 0 --> (01) (within terminal)
 1 Lagidium viscaci 0 --> (01) (within terminal)
 1 Lagostomus maxim 0 --> (01) (within terminal)
 1 Scleromys osborn 0 --> (01) (within terminal)
 1 node_152 0 --> 1 node_151
 1 Eoviscaccia fras 1 --> (01) (within terminal)
 1 Scleromys praecu 0 --> (01) (within terminal)
 1 Chambi ramys ship 0 --> (01) (within terminal)
 1 Deseadomys aramb 0 --> (01) (within terminal)
 1 Willidewu estepa 0 --> (01) (within terminal)

363 (Labial connec) 0.667

Hsearch_Consensus.out

	1	Spani omys ri pari	0	-->	(01)	(wi thi n termi nal)
	1	Myocastor coypus	0	-->	(01)	(wi thi n termi nal)
	1	Maruchi to tril of	0	-->	(01)	(wi thi n termi nal)
	1	Echi mys chrysuru	0	-->	(01)	(wi thi n termi nal)
	1	Protadel phomys l	0	-->	(01)	(wi thi n termi nal)
	1	Mesocapromys/Mys	0	-->	(01)	(wi thi n termi nal)
	1	Xenodontomys sim	0	-->	(01)	(wi thi n termi nal)
	1	Ctenomys bol ivie	0	-->	(01)	(wi thi n termi nal)
	1	Neophanomys bi pl	0	-->	(01)	(wi thi n termi nal)
	1	Pi thanotomys col	0	-->	(01)	(wi thi n termi nal)
	1	Octodon degus	0	-->	(01)	(wi thi n termi nal)
	1	Spalacopus cyanu	0	-->	(01)	(wi thi n termi nal)
	1	Abrocoma bennett	0	-->	(01)	(wi thi n termi nal)
	1	Prosti chomys bow	0	-->	(01)	(wi thi n termi nal)
	1	Sti chomys regul a	0	-->	(01)	(wi thi n termi nal)
	1	node_204	0	-->	1 node_203	
	1	Tarapotomys mayo	1	-->	(01)	(wi thi n termi nal)
	1	Tarapotomys suba	1	-->	(01)	(wi thi n termi nal)
364 (Height of the) 1.000	1	node_215	0	==>	1 node_214	
	1	Dol ichotis patag	1	-->	(01)	(wi thi n termi nal)
	1	Hydrochoerus hyd	1	-->	(01)	(wi thi n termi nal)
	1	Cavi a aperea	1	-->	(01)	(wi thi n termi nal)
	1	Galea spi xi i	1	-->	(01)	(wi thi n termi nal)
	1	Potamarchus muri	1	-->	(01)	(wi thi n termi nal)
	1	Lagostomus maxim	1	-->	(01)	(wi thi n termi nal)
	1	Eovi scacci a fras	1	-->	(01)	(wi thi n termi nal)
	1	Ctenomys bol ivie	1	-->	(01)	(wi thi n termi nal)
365 (Interruption) 1.000	1	Pi thanotomys col	1	-->	(01)	(wi thi n termi nal)
	1	Bi rbal omys sonda	0	-->	(01)	(wi thi n termi nal)
	1	Luantus propheti	0	-->	(01)	(wi thi n termi nal)
	1	Asteromys punctu	0	-->	(01)	(wi thi n termi nal)
	1	Dol ichotis patag	0	-->	(01)	(wi thi n termi nal)
	1	Hydrochoerus hyd	0	-->	(01)	(wi thi n termi nal)
	1	Cavi a aperea	0	-->	(01)	(wi thi n termi nal)
	1	Galea spi xi i	0	-->	(01)	(wi thi n termi nal)
	1	Neoreomys austra	0	-->	(01)	(wi thi n termi nal)
	1	Dasyprocta	0	-->	(01)	(wi thi n termi nal)
	1	Cuni cul us paca-t	0	-->	(01)	(wi thi n termi nal)
	1	Incamys bol ivi an	0	-->	(01)	(wi thi n termi nal)
	1	Scl eromys quadra	0	-->	(01)	(wi thi n termi nal)
	1	Scl eromys angust	0	-->	(01)	(wi thi n termi nal)
	1	Drytomomys aequa	0	-->	(01)	(wi thi n termi nal)
	1	Potamarchus muri	0	-->	(01)	(wi thi n termi nal)
	1	Neoepi blema ambr	0	-->	(01)	(wi thi n termi nal)
	1	Chi nchi lla lani g	0	-->	(01)	(wi thi n termi nal)
	1	Lagi di um vi scaci	0	-->	(01)	(wi thi n termi nal)
	1	Lagostomus maxi m	0	-->	(01)	(wi thi n termi nal)
	1	Scl eromys osborn	0	-->	(01)	(wi thi n termi nal)
	1	Eovi scacci a fras	0	-->	(01)	(wi thi n termi nal)
	1	Scl eromys praecu	0	-->	(01)	(wi thi n termi nal)
	1	Chambi ramys shi p	0	-->	(01)	(wi thi n termi nal)
	1	Eoi ncamys val ver	0	-->	(01)	(wi thi n termi nal)
	1	Leucokephal os ze	0	-->	(01)	(wi thi n termi nal)
	1	Deseadomys aramb	0	-->	(01)	(wi thi n termi nal)
	1	Sci amys pri nci pa	0	-->	(01)	(wi thi n termi nal)
	1	Wi lli dewu estepa	0	-->	(01)	(wi thi n termi nal)
	1	Spani omys ri pari	0	-->	(01)	(wi thi n termi nal)
	1	Myocastor coypus	0	-->	(01)	(wi thi n termi nal)
	1	Maruchi to tril of	0	-->	(01)	(wi thi n termi nal)
	1	Echi mys chrysuru	0	-->	(01)	(wi thi n termi nal)
	1	Protadel phomys l	0	-->	(01)	(wi thi n termi nal)
	1	Mesocapromys/Mys	0	-->	(01)	(wi thi n termi nal)
	1	Xenodontomys sim	0	-->	(01)	(wi thi n termi nal)
	1	Ctenomys bol ivie	0	-->	(01)	(wi thi n termi nal)
	1	Neophanomys bi pl	0	-->	(01)	(wi thi n termi nal)
	1	Pi thanotomys col	0	-->	(01)	(wi thi n termi nal)
	1	Octodon degus	0	-->	(01)	(wi thi n termi nal)
	1	Spalacopus cyanu	0	-->	(01)	(wi thi n termi nal)

Hsearch_Consensus.out

366 (Mesostylid on) 0.750

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1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_207
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeptiblema ambr 1 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 node_152 1 --> 0 node_151
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 node_195 1 ==> 0 node_194
1 node_170 0 ==> 1 node_169
1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 node_185 0 --> 1 node_184
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Steiromys detent 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 node_136 1 ==> 0 Luantus propheti
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavia aperea 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 node_140 1 ==> 0 node_139
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 node_153 1 --> 0 node_150
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)

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367 (Anterior isol) 0.842

Hsearch_Consensus.out

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1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Eviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 Echimy s chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata didelph 1 --> (01) (wi thi n termi nal)
1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmons 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_118
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 node_123 0 ==> 1 Neosteioromys pat
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavia aperea 0 --> (01) (wi thi n termi nal)
1 Galea spixii 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoeplema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
 1 Sciomyz principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomyz pri 0 --> (01) (wi thi n termi nal)
 1 Spaniomyz ripari 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echiomys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus ruigomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphiomyz pi go 0 --> (01) (wi thi n termi nal)
 1 node_214 0 ==> 1 Baluchi mys barry
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsis a 0 --> (01) (wi thi n termi nal)
 1 Steiromys detent 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spixii 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 node_139 0 ==> 1 Dasypsecta
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)

369 (Metaconid cri) 0.966

Hsearch_Consensus.out

1 Eoviscaccia fras 0 --> (01) (withn terminal)
 1 Eoviscaccia aust 0 --> (01) (withn terminal)
 1 Scleromys praecu 0 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 node_192 0 ==> 1 node_167
 1 Platypittamys br 1 --> (01) (withn terminal)
 1 Sciomyx principa 1 --> (01) (withn terminal)
 1 Galileomys euryg 1 --> (01) (withn terminal)
 1 Prospaniomyx pri 0 --> (01) (withn terminal)
 1 Proechiomyx cuvie 0 --> (01) (withn terminal)
 1 Protadelphomys l 0 --> (01) (withn terminal)
 1 Xenodontomys sim 0 --> (01) (withn terminal)
 1 Ctenomys bolivi 0 --> (01) (withn terminal)
 1 Pi thanotomys col 0 --> (01) (withn terminal)
 1 Octodon degus 0 --> (01) (withn terminal)
 1 Spalacopus cyanu 0 --> (01) (withn terminal)
 1 Prostichomys bow 0 --> (01) (withn terminal)
 1 Stichomys regula 0 --> (01) (withn terminal)
 1 Dudumus rui gomez 0 --> (01) (withn terminal)
 1 Plesiacaechi mys 0 --> (01) (withn terminal)
 1 Sallamys pascual 0 --> (01) (withn terminal)
 1 Mayomys confluen 0 --> (01) (withn terminal)
 1 Eosallamys paula 0 --> (01) (withn terminal)
 1 Shapajamys laboc 0 --> (01) (withn terminal)
 1 Eobrani samys rom 0 --> (01) (withn terminal)
 1 Tarapotomys suba 0 --> (01) (withn terminal)
 1 Cachi yacuy kumme 0 --> (01) (withn terminal)
 1 Acritophiomyx bo 0 --> (01) (withn terminal)
 1 node_124 0 ==> 1 node_123
 1 Steiromys detent 0 --> (01) (withn terminal)
 1 node_141 0 ==> 1 Palaeosteiromys
 1 Dolichotis patag 0 --> (01) (withn terminal)
 1 Hydrochoerus hyd 0 --> (01) (withn terminal)
 1 Cavia aperea 0 --> (01) (withn terminal)
 1 Galea spixii 0 --> (01) (withn terminal)
 1 Potamarchus muri 0 --> (01) (withn terminal)
 1 Lagostomus maxi 0 --> (01) (withn terminal)
 1 Eoviscaccia fras 0 --> (01) (withn terminal)
 1 Scleromys praecu 0 --> (01) (withn terminal)
 1 Xenodontomys sim 0 --> (01) (withn terminal)
 1 Ctenomys bolivi 0 --> (01) (withn terminal)
 1 Pi thanotomys col 0 --> (01) (withn terminal)
 1 Octodon degus 0 --> (01) (withn terminal)
 1 Spalacopus cyanu 0 --> (01) (withn terminal)
 1 Eobrani samys rom 0 --> (01) (withn terminal)
 1 Tarapotomys suba 0 --> (01) (withn terminal)
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Tribosphenomys m 0 --> (01) (withn terminal)
 1 Eoespina woodi -E 0 --> (01) (withn terminal)
 1 node_129 0 ==> 1 Chaetomys subspi
 1 Palaeosteiromys 0 --> (01) (withn terminal)
 1 node_137 0 --> 1 node_136
 1 Asteromys punctu 1 --> (01) (withn terminal)
 1 Dolichotis patag 1 --> (01) (withn terminal)
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)
 1 Cavia aperea 1 --> (01) (withn terminal)
 1 Galea spixii 1 --> (01) (withn terminal)
 1 Perimys intermed 1 --> (01) (withn terminal)
 1 Neoreomys austra 0 --> (01) (withn terminal)
 1 Brani samys luri b 0 --> (01) (withn terminal)
 1 node_195 0 --> 1 node_161
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Lagostomus maxi 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Chambi ramys ship 1 --> (01) (withn terminal)
 1 Eoincamys parvus 1 --> (01) (withn terminal)

370 (Neocristid (b) 0.667

371 (Posterior arm) 0.706

Hsearch_Consensus.out

1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 node_186 0 ==> 1 node_183
 1 node_168 1 ==> 0 Myocastor coypus
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 node_209 0 --> 1 node_208
 1 Paraphimys pi go 1 --> (01) (wi thi n termi nal)
 2 Archetypomys erl 1 --> (012) (wi thi n termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n termi nal)
 1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
 1 node_215 1 ==> 0 Chapattimys wils
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 node_120 1 --> 0 node_119
 1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 1 --> (12) (wi thi n termi nal)
 1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
 1 node_128 1 ==> 2 Protosteioromys m
 1 node_128 1 --> 0 node_127
 2 Eosteioromys homo 0 --> (012) (wi thi n termi nal)
 2 Brani samyopsi s a 0 --> (012) (wi thi n termi nal)
 2 Neosteioromys pat 0 --> (012) (wi thi n termi nal)
 1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
 1 Steioromys detent 0 --> (01) (wi thi n termi nal)
 1 Hyposteioromys a 1 --> (01) (wi thi n termi nal)
 2 Chaetomys subspi 1 --> (012) (wi thi n termi nal)
 2 Palaeosteioromys 1 --> (012) (wi thi n termi nal)
 1 Australoprocta f 1 --> (12) (wi thi n termi nal)
 2 Luantus propheti 1 --> (012) (wi thi n termi nal)
 2 Asteromys punctu 1 --> (012) (wi thi n termi nal)
 2 Dolichotis patag 1 --> (012) (wi thi n termi nal)
 2 Hydrochoerus hyd 1 --> (012) (wi thi n termi nal)
 2 Cavia aperea 1 --> (012) (wi thi n termi nal)
 2 Galea spixi i 1 --> (012) (wi thi n termi nal)
 2 Perimys intermed 1 --> (012) (wi thi n termi nal)

372 (*Length of th) 0.731

Hsearch_Consensus.out

2 Neoreomys australis 1 --> (012) (within terminal)
 1 node_138 1 ==> 0 Brani samys Iuri b
 1 node_139 1 ==> 0 Dasyprocta
 1 node_195 1 --> 2 node_161
 2 Eoincamys pascua 2 --> (012) (within terminal)
 2 Incamys bolivian 2 --> (012) (within terminal)
 2 Microscleromys p 2 --> (012) (within terminal)
 2 Scleromys quadra 2 --> (012) (within terminal)
 2 Scleromys angust 2 --> (012) (within terminal)
 2 Drytomomys aequa 2 --> (012) (within terminal)
 2 Potamarchus muri 2 --> (012) (within terminal)
 2 Dinomys branicki 2 --> (012) (within terminal)
 2 Neoeplema ambr 2 --> (012) (within terminal)
 2 Chinchilla lanig 2 --> (012) (within terminal)
 2 Lagidium viscaci 2 --> (012) (within terminal)
 2 Lagostomus maxim 2 --> (012) (within terminal)
 2 Scleromys osborn 2 --> (012) (within terminal)
 2 Garri domys curru 2 --> (012) (within terminal)
 2 Eviscaccia fras 2 --> (012) (within terminal)
 2 Eviscaccia aust 2 --> (012) (within terminal)
 2 Scleromys praecu 2 --> (012) (within terminal)
 2 Chambi ramys ship 2 --> (012) (within terminal)
 2 Eoincamys parvus 2 --> (012) (within terminal)
 2 Eoincamys valver 2 --> (012) (within terminal)
 2 Eoincamys ameghi 2 --> (012) (within terminal)
 1 node_194 1 --> 0 node_162
 1 Leucokephalos ze 0 --> (01) (within terminal)
 1 node_192 1 --> 0 node_167
 1 Platypittamys br 0 --> (01) (within terminal)
 2 Deseadomys aramb 0 --> (012) (within terminal)
 2 Galileomys euryg 0 --> (012) (within terminal)
 2 Willidewu estepa 0 --> (012) (within terminal)
 1 node_187 1 ==> 0 Prospani omys pri
 1 node_187 1 ==> 2 node_186
 2 Spani omys ripari 2 --> (012) (within terminal)
 1 Myocastor coypus 2 --> (12) (within terminal)
 2 Proechimys cuvie 2 --> (012) (within terminal)
 2 Maruchito trifid 2 --> (012) (within terminal)
 2 Thrichomys apere 2 --> (012) (within terminal)

Hsearch_Consensus.out

2 Echi mys chrysuru 2 --> (012) (wi thi n
termi nal)
2 Makal ata di del ph 2 --> (012) (wi thi n
termi nal)
2 Euryzygomatomys 2 --> (012) (wi thi n
termi nal)
2 Mesocapromys/Mys 2 --> (012) (wi thi n
termi nal)
2 Xenodontomys sim 2 --> (012) (wi thi n
termi nal)
2 Ctenomys bol i vie 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 2 --> (012) (wi thi n
termi nal)
2 Octodon degus 2 --> (012) (wi thi n
termi nal)
2 Spalacopus cyanu 2 --> (012) (wi thi n
termi nal)
2 Abrocoma bennett 2 --> (012) (wi thi n
termi nal)
1 Prosti chomys bow 2 --> (12) (wi thi n termi nal)
1 Sti chomys regul a 2 --> (12) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 node_189 1 ==> 2 Pampamys emmonsa
1 Cavi ocricetus lu 1 --> (12) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (12) (wi thi n termi nal)
1 node_193 1 ==> 2 Sal lamys pascual
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
2 Eosal lamys paul a 1 --> (012) (wi thi n
termi nal)
1 node_201 1 ==> 0 node_200
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 node_204 1 --> 2 node_203
1 Pozomys ucayal ie 2 --> (12) (wi thi n termi nal)
2 Tarapotomys suba 2 --> (012) (wi thi n
termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
2 Thryonomys swi nd 1 --> (012) (wi thi n
termi nal)
1 Paraphi omys pi go 1 --> (12) (wi thi n termi nal)
1 node_210 1 ==> 0 Metaphi omys scha
2 Acri tophi omys bo 1 --> (012) (wi thi n
termi nal)
1 Bi rbal omys sonda 0 --> (04) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
2 Ottomani a proavi 0 --> (024) (wi thi n
termi nal)
1 node_120 0 ==> 2 node_119
1 Bugti mys zafarul 2 --> (23) (wi thi n termi nal)
1 Hodsahi bi a azrae 2 --> (23) (wi thi n termi nal)
1 node_209 0 --> 2 node_207
1 Phi omys hammudai 2 --> (02) (wi thi n termi nal)
2 Cachi yacuy conta 2 --> (024) (wi thi n
termi nal)
1 Eoste i romys homo 2 --> (23) (wi thi n termi nal)
1 Coendou prehensi 2 --> (02) (wi thi n termi nal)
1 Hypsoste i romys a 2 --> (23) (wi thi n termi nal)
1 Brani samys luri b 2 --> (23) (wi thi n termi nal)
1 node_139 2 ==> 4 Dasyprocta
1 node_197 2 --> 0 node_196
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 node_192 0 --> 4 node_167
2 Pl atypi ttamys br 4 --> (345) (wi thi n
termi nal)
1 Deseadomys aramb 4 --> (04) (wi thi n termi nal)
1 Acaremys muri nus 4 --> (34) (wi thi n termi nal)
1 Sci amys pri nci pa 4 --> (34) (wi thi n termi nal)
1 Gal i leomys euryg 4 --> (04) (wi thi n termi nal)

373 (Li ngual conne) 0.905

Hsearch_Consensus.out

1 Prospaniomyx pri 0 --> (04) (withn terminal)
 1 Myocastor coypus 0 --> (02) (withn terminal)
 1 node_185 0 ==> 5 Adelphomys candi
 1 Prostichomys bow 0 --> (02) (withn terminal)
 1 node_184 0 ==> 4 Stichomys regula
 2 Dudumus rui gomez 0 --> (014) (withn terminal)

 1 Caviocricetus lu 0 --> (05) (withn terminal)
 1 Plesiacarechymys 0 --> (02) (withn terminal)
 2 Mayomys confluen 0 --> (023) (withn terminal)

 1 Eobranisamys rom 2 --> (23) (withn terminal)
 1 Tarapotomys mayo 2 --> (02) (withn terminal)
 1 Cachiycuy kumme 2 --> (02) (withn terminal)
 1 Metaphiomyx scha 0 --> (02) (withn terminal)
 2 Acritophiomyx bo 0 --> (023) (withn terminal)

 374 (Posterior arm) 0.375
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Tribosphenomys m 0 --> (01) (withn terminal)
 1 Hodsahibia azrae 0 --> (01) (withn terminal)
 1 Eoespina woodi -E 0 --> (01) (withn terminal)
 1 Protosteiromys m 0 --> (01) (withn terminal)
 1 Eosteiromys homo 0 --> (01) (withn terminal)
 1 Braniamyopsis a 0 --> (01) (withn terminal)
 1 Neosteiromys pat 0 --> (01) (withn terminal)
 1 Chaetomys subspi 0 --> (01) (withn terminal)
 1 node_140 0 ==> 1 node_138
 1 Australoprocta f 1 --> (01) (withn terminal)
 1 Dolichotis patag 1 --> (01) (withn terminal)
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)
 1 Cavia aperea 1 --> (01) (withn terminal)
 1 Galea spixii 1 --> (01) (withn terminal)
 1 Perimys intermed 1 --> (01) (withn terminal)
 1 Neoreomys austra 1 --> (01) (withn terminal)
 1 node_195 0 --> 1 node_161
 1 Eoincamys pascua 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Eoincamys ameghi 1 --> (01) (withn terminal)
 1 Leucokephalos ze 0 --> (01) (withn terminal)
 1 node_191 0 ==> 1 node_190
 1 node_168 1 ==> 0 Myocastor coypus
 1 Xenodontomys sim 1 --> (01) (withn terminal)
 1 Ctenomys bolivi e 1 --> (01) (withn terminal)
 1 Pi thanotomys col 1 --> (01) (withn terminal)
 1 Octodon degus 1 --> (01) (withn terminal)
 1 Spalacopus cyanu 1 --> (01) (withn terminal)
 1 Sallamys pascual 0 --> (01) (withn terminal)
 1 Eosallamys paula 0 --> (01) (withn terminal)
 1 Shapajamys laboc 0 --> (01) (withn terminal)
 1 Eobranisamys jav 0 --> (01) (withn terminal)
 1 node_204 0 --> 1 node_203
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 node_209 0 --> 1 node_208
 1 Paraphiomyx pi go 1 --> (01) (withn terminal)
 375 (*Length of th) 0.353
 2 Archetypomys erl 1 --> (012) (withn terminal)
 2 Tribosphenomys m 1 --> (012) (withn terminal)
 1 node_214 1 ==> 0 node_213
 2 Hodsahibia azrae 0 --> (012) (withn terminal)
 1 Cachiycuy conta 0 --> (01) (withn terminal)
 2 Eoespina woodi -E 0 --> (012) (withn terminal)

Hsearch_Consensus.out

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1          node_201 0 ==> 1 terminal)
1          node_141 1 ==> 0 node_130
2 Protosteirromys m 0 --> (012) (within
terminal)
2 Eosteirromys homo 0 --> (012) (within
terminal)
2 Brani samyopsis a 0 --> (012) (within
terminal)
2 Neosteirromys pat 0 --> (012) (within
terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
2 Chaetomys subspi 0 --> (012) (within
terminal)
1          node_141 1 ==> 2 Palaeosteirromys
2 Australoprocta f 1 --> (012) (within
terminal)
2 Luantus propheti 1 --> (012) (within
terminal)
2 Asteromys punctu 1 --> (012) (within
terminal)
2 Dolichotis patag 1 --> (012) (within
terminal)
2 Hydrochoerus hyd 1 --> (012) (within
terminal)
2      Cavia aperea 1 --> (012) (within
terminal)
2      Galea spixii 1 --> (012) (within
terminal)
2 Perimys intermed 1 --> (012) (within
terminal)
2 Neoreomys austra 1 --> (012) (within
terminal)
2 Brani samys luri b 1 --> (012) (within
terminal)
1          node_139 1 ==> 2 Dasyprocta
2 Eoincamys pascua 1 --> (012) (within
terminal)
2 Incamys bolivi an 1 --> (012) (within
terminal)
2 Microscleromys p 1 --> (012) (within
terminal)
2 Scleromys quadra 1 --> (012) (within
terminal)
2 Scleromys angust 1 --> (012) (within
terminal)
2 Drytomomys aequa 1 --> (012) (within
terminal)
2 Potamarchus muri 1 --> (012) (within
terminal)
2 Dinomys branic ki 1 --> (012) (within
terminal)
2 Neopeblema ambr 1 --> (012) (within
terminal)
2 Chinchilla lani g 1 --> (012) (within
terminal)
2 Lagidium viscaci 1 --> (012) (within
terminal)
2 Lagostomus maxi m 1 --> (012) (within
terminal)
2 Scleromys osborn 1 --> (012) (within
terminal)
2 Garri domys curnu 1 --> (012) (within
terminal)
2 Eoviscaccia fras 1 --> (012) (within
terminal)
2 Eoviscaccia aust 1 --> (012) (within
terminal)

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Hsearch_Consensus.out

2 Scleromys praecu 1 --> (012) (wi thi n
 termi nal)
 2 Chambi ramys shi p 1 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys parvus 1 --> (012) (wi thi n
 termi nal)
 2 Chambi ramys syl v 1 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys val ver 1 --> (012) (wi thi n
 termi nal)
 2 Eoi ncamys ameghi 1 --> (012) (wi thi n
 termi nal)
 1 node_194 1 --> 0 node_162
 2 Leucokephal os ze 0 --> (012) (wi thi n
 termi nal)
 1 node_167 1 --> 0 node_166
 2 node_163 0 ==> 2 Deseadomys aramb
 1 node_167 1 ==> 2 Willi dewu estepa
 2 Prospani omys pri 1 --> (012) (wi thi n
 termi nal)
 2 Spani omys ri pari 1 --> (012) (wi thi n
 termi nal)
 2 Proechi mys cuvi e 1 --> (012) (wi thi n
 termi nal)
 2 Maruchi to tri l of 1 --> (012) (wi thi n
 termi nal)
 2 Thri chomys apere 1 ---> (012) (wi thi n
 termi nal)
 2 Echi mys chrysuru 1 --> (012) (wi thi n
 termi nal)
 2 Makal ata di del ph 1 --> (012) (wi thi n
 termi nal)
 2 Protadel phomys l 1 --> (012) (wi thi n
 termi nal)
 2 Euryzygomatomys 1 --> (012) (wi thi n
 termi nal)
 2 Mesocapromys/Mys 1 --> (012) (wi thi n
 termi nal)
 2 Xenodontomys si m 1 --> (012) (wi thi n
 termi nal)
 2 Ctenomys bol i vi e 1 --> (012) (wi thi n
 termi nal)
 2 Neophanomys bi pl 1 --> (012) (wi thi n
 termi nal)
 2 Pi thanotomys col 1 --> (012) (wi thi n
 termi nal)
 2 Octodon degus 1 --> (012) (wi thi n
 termi nal)
 2 Spal acopus cyanu 1 --> (012) (wi thi n
 termi nal)
 2 Abrocoma bennett 1 --> (012) (wi thi n
 termi nal)
 2 Adel phomys candi 1 --> (012) (wi thi n
 termi nal)
 2 Prosti chomys bow 1 --> (012) (wi thi n
 termi nal)
 2 Sti chomys regul a 1 --> (012) (wi thi n
 termi nal)
 2 Dudumus rui gomez 1 --> (012) (wi thi n
 termi nal)
 2 Pampamys emmonsa 1 --> (012) (wi thi n
 termi nal)
 2 Cavi ocricetus l u 1 --> (012) (wi thi n
 termi nal)
 1 node_193 1 ==> 2 Sal l a mys pascual
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 2 Shapaj a mys l aboc 0 --> (012) (wi thi n
 termi nal)

Hsearch_Consensus.out

2 Eobrani samys j av 0 --> (012) (wi thi n
termi nal)

2 Pozomys ucayal ie 0 --> (012) (wi thi n
termi nal)

2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal)

2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)

2 node_209 0 --> 2 node_208

2 Thryonomys swi nd 2 --> (012) (wi thi n
termi nal)

1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)

1 node_216 0 --> 2 node_215

1 Ottomani a proavi 2 --> (23) (wi thi n termi nal)

1 Bugti mys zafarul 2 --> (23) (wi thi n termi nal)

1 node_120 2 ==> 0 'Wasl amys' atti a

1 Cachi yacuy conta 2 --> (02) (wi thi n termi nal)

1 Coendou prehensi 2 --> (02) (wi thi n termi nal)

1 node_130 2 --> 3 node_129

1 node_139 2 ==> 4 Dasyprocta

1 node_197 2 --> 0 node_196

1 node_163 0 ==> 3 Pl atypi ttamys br

1 node_166 0 ==> 4 node_165

1 Sci amys pri nci pa 4 --> (14) (wi thi n termi nal)

1 node_191 0 --> 2 node_190

3 Mayomys confl uen 0 --> (0234) (wi thi n
termi nal)

1 node_201 2 --> 3 node_200

1 Cachi yacuy kumme 2 --> (24) (wi thi n termi nal)

1 node_209 2 --> 0 node_208

1 Metaphi omys scha 2 --> (02) (wi thi n termi nal)

1 Acri tophi omys bo 2 --> (23) (wi thi n termi nal)

1 node_214 2 --> 0 Bal uchi mys barry

1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)

1 node_215 0 ==> 1 node_214

1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)

1 Luantus propheti 1 --> (01) (wi thi n termi nal)

1 Asteromys punctu 1 --> (01) (wi thi n termi nal)

1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)

1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)

1 Cavi a aperea 1 --> (01) (wi thi n termi nal)

1 Galea spi xi i 1 --> (01) (wi thi n termi nal)

1 Peri mys i ntermed 1 --> (01) (wi thi n termi nal)

1 Neoreomys austra 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)

1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)

1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)

1 Scleromys quadra 1 --> (01) (wi thi n termi nal)

1 Scleromys angust 1 --> (01) (wi thi n termi nal)

1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)

1 Potamarchus muri 1 --> (01) (wi thi n termi nal)

1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)

1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)

1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)

1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)

1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)

1 Scleromys osborn 1 --> (01) (wi thi n termi nal)

1 Garri domys curnu 1 --> (01) (wi thi n termi nal)

1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)

1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)

1 Scleromys praecu 1 --> (01) (wi thi n termi nal)

1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)

1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)

1 Proechi mys cuvi e 1 --> (01) (wi thi n termi nal)

1 Maruchi to tri l of 1 --> (01) (wi thi n termi nal)

376 (Lingual conne) 0.636

377 (Height of the) 1.000

Hsearch_Consensus.out

1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 1 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_216 0 --> 1 node_215
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol ivian 1 --> (01) (wi thi n termi nal)
 1 Microscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Dinomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepiblema ambr 1 --> (01) (wi thi n termi nal)
 1 Chinchilla lanig 1 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 node_193 1 ==> 0 node_192
 1 node_176 0 --> 1 node_173
 1 Proechimys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 node_184 0 ==> 1 Prosti chomys bow

378 (Di recti on of) 0.625

Hsearch_Consensus.out

379 (Labial connec) 1.000

```

1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 node_215 0 ==> 1 node_214
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi l l a l ani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri l of 1 --> (01) (wi thi n termi nal)
1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)

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380 (Double lingua) 1.000

Hsearch_Consensus.out

1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi x i i 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)
 1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
 1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garridomys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Proechimys cuvie 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echimy s chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Plestiacarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Bugtymys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi x i i 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 382 (Protoconid cr) 1.000
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 node_216 0 ==> 1 Tamquammys di spi
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 383 (Neomesol ophi d) 0.767
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
 1 node_209 0 --> 1 node_207
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 node_130 1 --> 0 node_129
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 node_148 1 ==> 0 node_147
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 node_152 1 --> 0 node_151
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 node_157 1 ==> 0 Chambi ramys shi p
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 node_195 1 ==> 0 node_194
 1 node_170 0 --> 1 node_169

Hsearch_Consensus.out

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1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 node_184 0 ==> 1 Prosti chomys bow
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 node_198 0 ==> 1 node_141
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_126 1 ==> 0 node_125
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_138
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol ivi an 0 --> (01) (wi thi n termi nal)
1 node_149 0 --> 1 node_148
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 node_153 0 --> 1 node_152
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Plat ypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 node_186 0 --> 1 node_183
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)

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384 (Length of the) 0.700

Hsearch_Consensus.out

1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 node_199 0 ==> 1 Eobrani samys jav
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 node_145 0 --> 1 node_144
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambiramys shi p 0 --> (01) (wi thi n termi nal)
 1 Chambiramys syl v 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaemys muri nus 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Gal i leomys euryg 0 --> (01) (wi thi n termi nal)

385 (Labi al connec) 1.000

Hsearch_Consensus.out

1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple siacarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amy pascual 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 node_216 0 --> 1 node_215
 1 Chapatti mys wil s 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 node_120 1 --> 0 node_119
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
 1 Sci amy pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)

386 (Mesoconi d on) 0.857

Hsearch_Consensus.out

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1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Makalata di del ph 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
387 (Mesol ophi d on) 1.000
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
388 (Li ngual conne) 0.857
1 node_119 0 ==> 3 Bugti mys zafarul
1 Hodsahi bi a azrae 0 --> (02) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (02) (wi thi n termi nal)
1 node_141 0 ==> 2 node_140
1 Brani samys luri b 2 --> (12) (wi thi n termi nal)
1 node_201 0 --> 3 node_200
1 Acri tophi omys bo 0 --> (02) (wi thi n termi nal)
389 (Mesol ophi d on) 0.800
1 node_118 0 ==> 1 Bi rbal omys sonda
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Protosteirromys m 0 --> (01) (with in terminal)
 1 Eosteirromys homo 0 --> (01) (with in terminal)
 1 node_140 0 ==> 1 node_138
 1 Australoprocta f 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Perimys intermed 1 --> (01) (with in terminal)
 1 Neoreomys austra 1 --> (01) (with in terminal)
 1 Dasyprocta 0 --> (01) (with in terminal)
 1 Eoincamys pascua 0 --> (01) (with in terminal)
 1 Potamarchus muri 0 --> (01) (with in terminal)
 1 Lagostomus maxim 0 --> (01) (with in terminal)
 1 Eoviscaccia fras 0 --> (01) (with in terminal)
 1 Scleromys praecu 0 --> (01) (with in terminal)
 1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Proechimys cuvie 0 --> (01) (with in terminal)
 1 Echimys chrysuru 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Ctenomys bolivie 0 --> (01) (with in terminal)
 1 Pithanotomys col 0 --> (01) (with in terminal)
 1 Octodon degus 0 --> (01) (with in terminal)
 1 Spalacopus cyanu 0 --> (01) (with in terminal)
 1 Eosallamys paula 0 --> (01) (with in terminal)
 1 Eobrani samys jav 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Acritophiomyys bo 0 --> (01) (with in terminal)
 1 node_212 0 --> 2 node_211
 1 node_140 2 --> 1 node_138
 1 Asteromys punctu 1 --> (12) (with in terminal)
 1 Brani samys luri b 1 --> (12) (with in terminal)
 1 Acritophiomyys bo 2 --> (02) (with in terminal)
 1 node_219 1 --> 0 Archetypomys erl
 1 Tribosphenomys m 1 --> (01) (with in terminal)
 1 Birbalomys sonda 1 --> (01) (with in terminal)
 1 Steirromys detent 1 --> (01) (with in terminal)
 1 Palaeosteirromys 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)
 1 Hydrochoerus hyd 1 --> (01) (with in terminal)
 1 Cavia aperea 1 --> (01) (with in terminal)
 1 Galea spixii 1 --> (01) (with in terminal)
 1 Perimys intermed 1 --> (01) (with in terminal)
 1 Potamarchus muri 1 --> (01) (with in terminal)
 1 Lagostomus maxim 1 --> (01) (with in terminal)
 1 Eoviscaccia fras 1 --> (01) (with in terminal)
 1 Scleromys praecu 1 --> (01) (with in terminal)
 1 node_172 1 ==> 0 Makalata didelph
 1 Xenodontomys sim 1 --> (01) (with in terminal)
 1 Ctenomys bolivie 1 --> (01) (with in terminal)
 1 Octodon degus 1 --> (01) (with in terminal)
 1 Shapajamys laboc 1 --> (01) (with in terminal)
 1 Archetypomys erl 0 --> (01) (with in terminal)
 1 node_216 0 --> 1 node_215
 1 Chapattimys wils 1 --> (01) (with in terminal)
 1 Bugtimys zafarul 1 --> (01) (with in terminal)
 1 Hodsahibia azrae 1 --> (01) (with in terminal)
 1 Cachi yacuy conta 1 --> (01) (with in terminal)
 1 Eoespina woodi -E 1 --> (01) (with in terminal)
 1 Neosteirromys pat 1 --> (01) (with in terminal)
 1 Erethizon dorsat 1 --> (01) (with in terminal)
 1 Coendou prehensi 1 --> (01) (with in terminal)
 1 Steirromys detent 1 --> (01) (with in terminal)
 1 Chaetomys subspi 1 --> (01) (with in terminal)
 1 Australoprocta f 1 --> (01) (with in terminal)
 1 Luantus propheti 1 --> (01) (with in terminal)
 1 Dolichotis patag 1 --> (01) (with in terminal)

390 (Lingual conne) 1.000

391 (Ectolophid on) 0.833

392 (Mesiolabi al o) 0.931

Hsearch_Consensus.out

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1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sciamys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
1   node_181 1 ==> 0 node_180
1   Octodon degus 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1   node_203 1 ==> 0 Pozomys ucayal ie
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1   node_141 0 ==> 1 Pal aeostei romys
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spi xii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1   node_161 0 --> 1 node_160
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol ivian 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
1   node_171 0 ==> 1 Thri chomys apere
1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)

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393 (Alignment of) 0.875

Hsearch_Consensus.out

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1 node_175 0 --> 1 node_174
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regul a 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 node_189 0 ==> 1 Pampamys emmons a
1 Cavi ocricetus l u 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sall amys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l )
1 node_197 0 ==> 1 Eosall amys paul a
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 node_202 0 ==> 1 Tarapotomys mayo
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Dol ichoti s patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chi nchi lla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagi di um vi scaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxi m 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 node_219 0 --> 1 Archetypomys erl
1 node_218 0 --> 1 node_217
1 Bi rbal omys sonda 1 --> (01) (w i t h i n t e r m i n a l )
1 node_213 1 ==> 0 Ottomani a proavi
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 node_198 1 ==> 0 node_141
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 --> 1 node_136
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Dol ichoti s patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavi a aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xi i 1 --> (01) (w i t h i n t e r m i n a l )
1 Peri mys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 node_156 1 ==> 0 Eoi ncamys pascua
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )

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394 (Mesi odistal p) 1.000

395 (Posi tion of t) 0.421

Hsearch_Consensus.out

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1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 node_189 1 ==> 0 node_188
1 node_183 0 ==> 1 node_182
1 node_170 1 ==> 0 node_169
1 node_172 1 ==> 0 Makal ata di del ph
1 node_174 1 ==> 0 Euryzygomatomys
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Ctenomys bol i vi e 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Mayomys conflu en 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 node_200 1 ==> 0 node_199
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 node_219 1 --> 0 Tri bosphenomys m
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 node_216 1 ==> 0 Tamquammys di spi
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 node_212 1 --> 0 node_211
1 node_207 0 ==> 1 node_206
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 node_198 1 --> 0 node_141
1 node_124 0 --> 1 node_123
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 node_141 0 --> 1 Pal aeostei romys
1 node_136 0 --> 1 node_135
1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 0 --> (01) (wi thi n termi nal)
1 node_157 1 ==> 0 node_156
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Chi nchi lla lani g 0 --> (01) (wi thi n termi nal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 node_195 1 ==> 0 node_194
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Pl atypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)

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396 (Anterior arm) 0.640

Hsearch_Consensus.out

1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 397 (Posterior iso) 0.833
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 node_218 0 --> 1 node_217
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 node_216 1 --> 0 Tamquammys di spi
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 node_212 1 --> 0 node_211
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 node_130 0 ==> 1 node_128
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
 1 node_141 0 ==> 1 Pal aeostei romys
 1 Dol ichoti s patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 0 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 0 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 398 (Hypol ophi d on) 1.000
 1 node_218 0 --> 1 node_217
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Dol ichoti s patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

399 (Height of the) 1.000

400 (Length of the) 1.000

401 (Obliquity of) 0.632

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1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1   node_217 0 --> 1 node_216
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1   node_118 1 ==> 0 Rei throparamys d
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Ctenomys bolivie 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1   node_130 0 ==> 1 node_129
1   node_141 0 ==> 1 node_140
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1   Cavia aperea 1 --> (01) (wi thi n termi nal)
1   Galea spi xii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1   Dasyprocta 1 --> (01) (wi thi n termi nal)
1   node_159 0 --> 1 node_158
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1   node_154 1 --> 0 node_142
1 Incamys bol ivian 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
 1 node_166 0 --> 1 node_163
 1 Pl atypi ttamys br 1 --> (01) (wi thi n termi nal)
 1 node_188 0 ==> 1 node_187
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 node_182 1 --> 0 node_181
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 node_199 0 ==> 1 Eobrani samys jav
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 402 (Al ignment of) 0.882
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xii 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
 1 Dasyprocta 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bol ivian 0 --> (01) (wi thi n termi nal)
 1 node_154 0 ==> 1 node_153
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 node_175 0 ==> 1 Mesocapromys/Mys
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 node_186 0 ==> 1 node_185
 403 (Anterior arm) 0.833
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
 1 Cavia aperea 0 --> (01) (wi thi n termi nal)
 1 Galea spi xii 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 node_159 0 ==> 1 node_158
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol ivian 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 node_163 0 ==> 1 Pl atypi ttamys br
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)

404 (*Height of th) 0.308

Hsearch_Consensus.out

```
1 Pithanotomys col 0 --> (01) (withn terminal)
1 Octodon degus 0 --> (01) (withn terminal)
1 Spalacopus cyanu 0 --> (01) (withn terminal)
1 node_215 1 ==> 2 node_214
2 Chaetomys subspi 2 --> (012) (withn terminal)
2 node_141 2 --> 0 node_140
2 node_137 0 --> 2 node_136
2 Luantus propheti 2 --> (012) (withn terminal)
2 Dolichotis patag 2 --> (012) (withn terminal)
2 Hydrochoerus hyd 2 --> (012) (withn terminal)
2 Cavia aperea 2 --> (012) (withn terminal)
2 Galea spixii 2 --> (012) (withn terminal)
2 Neoreomys australis 0 --> (012) (withn terminal)
2 Bransfordia luri 0 --> (012) (withn terminal)
2 Cuniculus paca-t 0 --> (012) (withn terminal)
1 node_161 2 --> 1 node_160
1 Eoincamys pascua 1 --> (12) (withn terminal)
2 Microscleromys p 1 --> (012) (withn terminal)
2 Scleromys quadra 1 --> (012) (withn terminal)
2 Scleromys angust 1 --> (012) (withn terminal)
2 Drytomomys aequa 1 --> (012) (withn terminal)
2 Potamarchus muri 1 --> (012) (withn terminal)
2 Dinomys branicki 1 --> (012) (withn terminal)
2 Neoeplema ambr 1 --> (012) (withn terminal)
2 Chinchi lla lani g 1 --> (012) (withn terminal)
2 Lagidium viscaci 1 --> (012) (withn terminal)
2 Lagostomus maxim 1 --> (012) (withn terminal)
2 Scleromys osborn 1 --> (012) (withn terminal)
2 Garridomys curru 1 --> (012) (withn terminal)
2 Eoviscaccia fras 1 --> (012) (withn terminal)
2 Eoviscaccia aust 1 --> (012) (withn terminal)
2 Scleromys praecu 1 --> (012) (withn terminal)
2 Chambi ramys shi p 1 --> (012) (withn terminal)
2 Eoincamys parvus 1 --> (012) (withn terminal)
2 Eoincamys val ver 1 --> (012) (withn terminal)
2 Draconomys verai 2 --> (012) (withn terminal)
2 Leucokephalos ze 2 --> (012) (withn terminal)
2 Platypittamys br 2 --> (012) (withn terminal)
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Hsearch_Consensus.out
2 Deseadomys aramb 2 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 2 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 2 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 2 --> (012) (wi thi n
terminal)
2 node_189 2 --> 0 node_188
2 Prospani omys pri 0 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 0 --> (012) (wi thi n
terminal)
2 Maruchi to tri lof 0 --> (012) (wi thi n
terminal)
2 Thri chomys apere 0 --> (012) (wi thi n
terminal)
2 node_173 0 --> 2 node_172
2 Echi mys chrysuru 2 --> (012) (wi thi n
terminal)
2 Protadel phomys l 0 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 0 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 0 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vi e 0 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 0 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 0 --> (012) (wi thi n
terminal)
2 Octodon degus 0 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 0 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 0 --> (012) (wi thi n
terminal)
2 Adel phomys candi 0 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
terminal)
1 node_204 2 --> 1 node_203
1 Tarapotomys mayo 1 --> (12) (wi thi n terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
405 (Length of the) 1.000
1 Dol ichoti s patag 0 --> (01) (wi thi n terminal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n terminal)
1 Cavi a aperea 0 --> (01) (wi thi n terminal)
1 Galea spi xi i 0 --> (01) (wi thi n terminal)
1 Brani samys luri b 0 --> (01) (wi thi n terminal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n terminal)
1 Incamys bol i vi an 0 --> (01) (wi thi n terminal)
1 Mi croscleromys p 0 --> (01) (wi thi n terminal)
1 Scleromys quadra 0 --> (01) (wi thi n terminal)
1 Scleromys angust 0 --> (01) (wi thi n terminal)
1 Drytomomys aequa 0 --> (01) (wi thi n terminal)
1 Potamarchus muri 0 --> (01) (wi thi n terminal)
1 Di nomys brani cki 0 --> (01) (wi thi n terminal)
1 Neoepi blema ambr 0 --> (01) (wi thi n terminal)
1 Chi nchi l l a l ani g 0 --> (01) (wi thi n terminal)
1 Lagi di um vi scaci 0 --> (01) (wi thi n terminal)
1 Lagostomus maxi m 0 --> (01) (wi thi n terminal)
1 Scleromys osborn 0 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
 406 (Hypoconulid o) 0.800
 1 node_118 0 ==> 1 Rei throparamys d
 1 node_212 0 --> 1 node_211
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xii 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 1 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
 1 Eovi scaccia fras 1 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bol ivie 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 407 (Development o) 0.667
 1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
 1 node_213 0 --> 1 node_212
 1 node_120 1 --> 0 node_119
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Erethizon dorsat 1 --> (01) (with terminal)
 1 Coendou prehensi 1 --> (01) (with terminal)
 1 Steiromys detent 1 --> (01) (with terminal)
 1 Hypsosteiromys a 1 --> (01) (with terminal)
 1 Chaetomys subspi 1 --> (01) (with terminal)
 1 Palaeosteiromys 1 --> (01) (with terminal)
 1 Australoprocta f 1 --> (01) (with terminal)
 1 Luantus propheti 1 --> (01) (with terminal)
 1 Asteromys punctu 1 --> (01) (with terminal)
 1 Dolichotis patag 1 --> (01) (with terminal)
 1 Hydrochoerus hyd 1 --> (01) (with terminal)
 1 Cavia aperea 1 --> (01) (with terminal)
 1 Galea spixii 1 --> (01) (with terminal)
 1 Perimys intermed 1 --> (01) (with terminal)
 1 Neoreomys austral 1 --> (01) (with terminal)
 1 Brani samys Iuri b 1 --> (01) (with terminal)
 1 Dasyprocta 1 --> (01) (with terminal)
 1 Cuniculus paca-t 1 --> (01) (with terminal)
 1 Eoincamys pascua 1 --> (01) (with terminal)
 1 Incamys bolivi an 1 --> (01) (with terminal)
 1 Microscleromys p 1 --> (01) (with terminal)
 1 Scleromys quadra 1 --> (01) (with terminal)
 1 Scleromys angust 1 --> (01) (with terminal)
 1 Drytomomys aequa 1 --> (01) (with terminal)
 1 Potamarchus muri 1 --> (01) (with terminal)
 1 Dinomys branic ki 1 --> (01) (with terminal)
 1 Neoepiblema ambr 1 --> (01) (with terminal)
 1 Chinchilla lanig 1 --> (01) (with terminal)
 1 Lagidium viscaci 1 --> (01) (with terminal)
 1 Lagostomus maxim 1 --> (01) (with terminal)
 1 Scleromys osborn 1 --> (01) (with terminal)
 1 Garri domys curnu 1 --> (01) (with terminal)
 1 Eoviscaccia fras 1 --> (01) (with terminal)
 1 Eoviscaccia aust 1 --> (01) (with terminal)
 1 Scleromys praecu 1 --> (01) (with terminal)
 1 Chambi ramys ship 1 --> (01) (with terminal)
 1 Eoincamys parvus 1 --> (01) (with terminal)
 1 Chambi ramys sylv 1 --> (01) (with terminal)
 1 Eoincamys valver 1 --> (01) (with terminal)
 1 Eoincamys ameghi 1 --> (01) (with terminal)
 1 Draconomys verai 1 --> (01) (with terminal)
 1 Leucokephalos ze 1 --> (01) (with terminal)
 1 Platypittamys br 1 --> (01) (with terminal)
 1 Deseadomys aramb 1 --> (01) (with terminal)
 1 Acaremys murinus 1 --> (01) (with terminal)
 1 Sci amys principa 1 --> (01) (with terminal)
 1 Galileomys euryg 1 --> (01) (with terminal)
 1 Willidewu estepa 1 --> (01) (with terminal)
 1 Prospaniomys pri 1 --> (01) (with terminal)
 1 Spaniomys ripari 1 --> (01) (with terminal)
 1 Myocastor coypus 1 --> (01) (with terminal)
 1 Proechimys cuvie 1 --> (01) (with terminal)
 1 Maruchito trilof 1 --> (01) (with terminal)
 1 Thrichomys apere 1 --> (01) (with terminal)
 1 Echimy s chrysuru 1 --> (01) (with terminal)
 1 Makalata didelph 1 --> (01) (with terminal)
 1 Protadelphomys l 1 --> (01) (with terminal)
 1 Euryzygomatomys 1 --> (01) (with terminal)
 1 Mesocapromys/Mys 1 --> (01) (with terminal)
 1 Xenodontomys sim 1 --> (01) (with terminal)
 1 Ctenomys bolivie 1 --> (01) (with terminal)
 1 Neophanomys bipl 1 --> (01) (with terminal)
 1 Pi thanotomys col 1 --> (01) (with terminal)
 1 Octodon degus 1 --> (01) (with terminal)
 1 Spalacopus cyanu 1 --> (01) (with terminal)
 1 Abrocoma bennett 1 --> (01) (with terminal)
 1 Adelphomys candi 1 --> (01) (with terminal)
 1 Prosti chomys bow 1 --> (01) (with terminal)

Hsearch_Consensus.out

1 Stichomys regula 1 --> (01) (withn terminal)
 1 Dudumus rui gomez 1 --> (01) (withn terminal)
 1 Pampamys emmonsa 1 --> (01) (withn terminal)
 1 Caviocri cetus lu 1 --> (01) (withn terminal)
 1 Plesi carechi mys 1 --> (01) (withn terminal)
 1 Sallamys pascual 1 --> (01) (withn terminal)
 1 Mayomys confluen 1 --> (01) (withn terminal)
 1 Eosallamys paula 1 --> (01) (withn terminal)
 1 Shapajamys laboc 1 --> (01) (withn terminal)
 1 Eobranisamys rom 1 --> (01) (withn terminal)
 1 Eobranisamys jav 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys mayo 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 Cachi yacuy kumme 1 --> (01) (withn terminal)
 1 Thryonomys swind 1 --> (01) (withn terminal)
 1 Paraphiomys pigo 1 --> (01) (withn terminal)
 408 (Hypoconulid o) 0.667
 1 node_217 0 ==> 1 node_118
 1 Hodsahibi a azrae 0 --> (01) (withn terminal)
 1 'Waslamys' attia 0 --> (01) (withn terminal)
 1 node_212 0 ==> 1 node_211
 1 Chaetomys subspi 1 --> (01) (withn terminal)
 1 Australoprocta f 1 --> (01) (withn terminal)
 1 Luantus propheti 1 --> (01) (withn terminal)
 1 Dolichotis patag 1 --> (01) (withn terminal)
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)
 1 Cavia aperea 1 --> (01) (withn terminal)
 1 Galea spixii 1 --> (01) (withn terminal)
 1 Perimys intermed 1 --> (01) (withn terminal)
 1 Neoreomys austra 1 --> (01) (withn terminal)
 1 Dasyprocta 1 --> (01) (withn terminal)
 1 Cuniculus paca-t 1 --> (01) (withn terminal)
 1 Microscleromys p 1 --> (01) (withn terminal)
 1 Scleromys quadra 1 --> (01) (withn terminal)
 1 Scleromys angust 1 --> (01) (withn terminal)
 1 Drytomomys aequa 1 --> (01) (withn terminal)
 1 Potamarchus muri 1 --> (01) (withn terminal)
 1 Dinomys brani cki 1 --> (01) (withn terminal)
 1 Neoepiblema ambr 1 --> (01) (withn terminal)
 1 Chinchilla lani g 1 --> (01) (withn terminal)
 1 Lagidium viscaci 1 --> (01) (withn terminal)
 1 Lagostomus maxim 1 --> (01) (withn terminal)
 1 Scleromys osborn 1 --> (01) (withn terminal)
 1 Garri domys curnu 1 --> (01) (withn terminal)
 1 Eoviscaccia fras 1 --> (01) (withn terminal)
 1 Eoviscaccia aust 1 --> (01) (withn terminal)
 1 Scleromys praecu 1 --> (01) (withn terminal)
 1 Eoincamys valver 1 --> (01) (withn terminal)
 1 Galileomys euryg 1 --> (01) (withn terminal)
 1 Maruchito trilof 1 --> (01) (withn terminal)
 1 Mesocapromys/Mys 1 --> (01) (withn terminal)
 1 Xenodontomys sim 1 --> (01) (withn terminal)
 1 Ctenomys bolivie 1 --> (01) (withn terminal)
 1 Pi thanotomys col 1 --> (01) (withn terminal)
 1 Octodon degus 1 --> (01) (withn terminal)
 1 Spalacopus cyanu 1 --> (01) (withn terminal)
 1 Prostichomys bow 1 --> (01) (withn terminal)
 1 Stichomys regula 1 --> (01) (withn terminal)
 1 Pozomys ucayalie 1 --> (01) (withn terminal)
 1 Tarapotomys mayo 1 --> (01) (withn terminal)
 1 Tarapotomys suba 1 --> (01) (withn terminal)
 1 Metaphiomys scha 1 --> (01) (withn terminal)
 409 (Anteroflexid) 0.286
 1 Archetypomys erl 0 --> (01) (withn terminal)
 1 Tamquammys di spi 0 --> (01) (withn terminal)
 1 'Waslamys' attia 0 --> (01) (withn terminal)
 1 Chaetomys subspi 0 --> (01) (withn terminal)
 1 node_135 0 ==> 1 node_134
 1 Hydrochoerus hyd 1 --> (01) (withn terminal)

Hsearch_Consensus.out

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1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 ==> 1 node_153
1 node_148 1 ==> 0 node_145
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 node_159 0 ==> 1 Chambi ramys syl v
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 node_165 0 --> 1 node_164
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 node_138 0 --> 1 node_137
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 node_137 1 --> 0 Neoreomys austr a
1 node_139 0 ==> 1 Dasypsecta
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 node_145 0 --> 1 node_144
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )

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410 (Strong reduct) 0.125

Hsearch_Consensus.out

1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 node_195 0 ==> 1 node_194
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
 1 node_188 1 ==> 0 node_187
 1 node_169 0 ==> 1 Proechi mys cuvi e
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
 1 Makalata didelph 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 node_191 1 ==> 0 Plesi acarechi mys
 1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
 1 Paraphi mys pi go 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 411 (Mesoflexid (+) 0.250
 1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_135 0 ==> 1 node_134
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 node_152 0 ==> 1 node_151
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 node_182 0 ==> 1 node_181
 1 node_186 0 --> 1 node_185
 1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
 1 Stichomys regula 1 --> (01) (wi thi n termi nal)
 412 (Strong reduct) 0.250
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
 1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 node_136 0 --> 1 node_135
 1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavia aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spixii 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1      node_153 0 --> 1 node_152
1 Eoviscaccia fras 1 --> (01) (with in terminal)
1 Eoviscaccia aust 1 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1      node_171 0 ==> 1 Thrichomys apere
1      node_175 0 --> 1 node_174
1 Euryzygomatomys 1 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
413 (Metaflexid on) 0.500
1 Baluchimys barry 0 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1      node_135 0 ==> 1 node_134
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia aperea 1 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
414 (Strong reduct) 0.333
1      node_181 0 ==> 1 node_178
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Dolichotis patag 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1      node_139 0 ==> 1 Dasypsecta
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1      node_164 0 ==> 1 Sci amys pri nci pa
1      node_171 0 ==> 1 Thrichomys apere
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Ctenomys bolivi 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
415 (Hypoflexid on) 1.000
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
416 (Transversal e) 1.000
1      node_178 0 ==> 1 node_177
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1      node_137 0 ==> 1 node_136
1 Hydrochoerus hyd 1 --> (01) (with in terminal)
1 Cavia aperea 1 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Lagostomus maxim 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

417 (Importance of) 1.000

1	Eoincamys	valver	0	-->	(01)	(w i t h i n t e r m i n a l)
1	Euryzygomatomys		0	-->	(01)	(w i t h i n t e r m i n a l)
1	Xenodontomys	sim	0	-->	(01)	(w i t h i n t e r m i n a l)
1	Ctenomys	bolivie	0	-->	(01)	(w i t h i n t e r m i n a l)
1	Archetypomys	erl	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Tribosphenomys	m	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cocomys	ligchaen	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Reithroparamys	d	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Birbalomys	sonda	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Tamquammys	dspi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chapattimys	wils	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Ottomani	proavi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Bugtimys	zafarul	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Hodsahibi	azrae	1	-->	(01)	(w i t h i n t e r m i n a l)
1	'Waslamys'	attia	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Phiomys	hammadai	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cachiyacuy	conta	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoespina	woodi-E	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Canaani	mys maqui	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Protosteir	romys m	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eosteir	romys homo	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Brani	samyopsis a	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neosteir	romys pat	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Erethizon	dorsat	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Coendou	prehensi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Steir	romys detent	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Hypsosteir	romys a	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chaetomys	subspi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Palaeosteir	romys	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Austral	oprocta f	1	-->	(01)	(w i t h i n t e r m i n a l)
1	node_135		1	==>	0	Asteromys punctu
1	Hydrochoerus	hyd	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cavia	aperea	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neoreomys	austra	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Brani	samys luri b	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Dasyprocta		1	-->	(01)	(w i t h i n t e r m i n a l)
1	Cuniculus	paca-t	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys	pascua	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Incamys	bolivian	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Microscleromys	p	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys	quadra	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys	angust	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Drytomomys	aequa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Potamarchus	muri	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Dinomys	branickei	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Neopiblema	ambr	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chinchilla	lanig	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Lagidium	viscaci	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Lagostomus	maxim	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys	osborn	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Garri	domys curnu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoviscaccia	frasc	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoviscaccia	aust	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Scleromys	praecu	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chambar	mys ship	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys	parvus	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Chambar	mys sylv	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys	valver	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Eoincamys	ameghi	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Draconomys	verai	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Leucokephalos	ze	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Platypittamys	br	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Deseadomys	aramb	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Acaremys	murius	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Sciameys	pri ncipa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Galileomys	euryg	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Willidewu	estepa	1	-->	(01)	(w i t h i n t e r m i n a l)
1	Prosperomys	pri	1	-->	(01)	(w i t h i n t e r m i n a l)

Hsearch_Consensus.out

1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Thri chomys apere 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Ctenomys bolivi e 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
 1 Octodon degus 1 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
 418 (Formation of) 0.400 1 node_137 0 ==> 1 node_136
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
 1 node_153 0 ==> 1 node_152
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 node_171 0 ==> 1 Thri chomys apere
 1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
 1 node_182 0 ==> 1 node_181
 419 (Number of l ob) 1.000 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapatti mys wils 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
 1 Chi nchi lla lani g 1 --> (01) (wi thi n termi nal)
 1 Lagi di um vi scaci 1 --> (01) (wi thi n termi nal)
 1 Lagostomus maxi m 1 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
 1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
 1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
 1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
 1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
 1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
 1 Myocastor coypus 1 --> (01) (wi thi n termi nal)
 1 Proechi mys cuvie 1 --> (01) (wi thi n termi nal)
 1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
 1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
 1 Makal ata di del ph 1 --> (01) (wi thi n termi nal)
 1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
 1 Euryzygomatomys 1 --> (01) (wi thi n termi nal)
 1 Mesocapromys/Mys 1 --> (01) (wi thi n termi nal)
 1 node_181 1 --> 0 node_178
 1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

	1	Paraphiomys pigo	1	-->	(01)	(with in terminal)
	1	Metaphiomys scha	1	-->	(01)	(with in terminal)
	1	Acritophiomys bo	1	-->	(01)	(with in terminal)
	1	Baluchimys barry	1	-->	(01)	(with in terminal)
420 (Shape of the)	0.750					
	1	node_131	0	==>	1	Hydrochoerus hyd
	1	node_132	0	==>	2	Cavia aperea
	1	node_134	0	==>	2	Perimys intermed
	1	node_181	0	==>	3	node_180
421 (Shape of the)	1.000					
	1	node_131	0	==>	4	Hydrochoerus hyd
	1	node_132	0	==>	1	Cavia aperea
	1	node_134	0	==>	2	Perimys intermed
	1	node_181	0	==>	3	node_180
422 (Complete fusi)	1.000					
	1	Potamarchus muri	0	-->	(01)	(with in terminal)
	1	Scleromys praecu	0	-->	(01)	(with in terminal)
	1	Euryzygomatomys	0	-->	(01)	(with in terminal)
	1	node_178	0	==>	1	node_177
423 (Complete fusi)	1.000					
	1	Potamarchus muri	0	-->	(01)	(with in terminal)
	1	Scleromys praecu	0	-->	(01)	(with in terminal)
	1	Euryzygomatomys	0	-->	(01)	(with in terminal)
	1	node_181	0	==>	1	node_178
424 (Fusion of the)	1.000					
	1	Archetypomys erl	0	-->	(01)	(with in terminal)
	1	Tribosphenomys m	0	-->	(01)	(with in terminal)
	1	Cocomys ligchaen	0	-->	(01)	(with in terminal)
	1	Reithroparamys d	0	-->	(01)	(with in terminal)
	1	Birbalomys sonda	0	-->	(01)	(with in terminal)
	1	Tamquammys di spi	0	-->	(01)	(with in terminal)
	1	Chapattimys wils	0	-->	(01)	(with in terminal)
	1	Ottomania proavi	0	-->	(01)	(with in terminal)
	1	Bugtimys zafarul	0	-->	(01)	(with in terminal)
	1	Hodsahibia azrae	0	-->	(01)	(with in terminal)
	1	'Waslamys' attia	0	-->	(01)	(with in terminal)
	1	Phiomys hammudai	0	-->	(01)	(with in terminal)
	1	Cachiyacuy conta	0	-->	(01)	(with in terminal)
	1	Eoespina woodi -E	0	-->	(01)	(with in terminal)
	1	Canaani mys maqui	0	-->	(01)	(with in terminal)
	1	Protosteioromys m	0	-->	(01)	(with in terminal)
	1	Eosteioromys homo	0	-->	(01)	(with in terminal)
	1	Brani samyopsis a	0	-->	(01)	(with in terminal)
	1	Neosteioromys pat	0	-->	(01)	(with in terminal)
	1	Erethizon dorsat	0	-->	(01)	(with in terminal)
	1	Coendou prehensi	0	-->	(01)	(with in terminal)
	1	Steioromys detent	0	-->	(01)	(with in terminal)
	1	Hypsosteioromys a	0	-->	(01)	(with in terminal)
	1	Chaetomys subspi	0	-->	(01)	(with in terminal)
	1	Palaeosteioromys	0	-->	(01)	(with in terminal)
	1	Australoprocta f	0	-->	(01)	(with in terminal)
	1	Dolichotis patag	0	-->	(01)	(with in terminal)
	1	Hydrochoerus hyd	0	-->	(01)	(with in terminal)
	1	Cavia aperea	0	-->	(01)	(with in terminal)
	1	Galea spixii	0	-->	(01)	(with in terminal)
	1	Perimys intermed	0	-->	(01)	(with in terminal)
	1	Neoreomys austra	0	-->	(01)	(with in terminal)
	1	Brani samys luri b	0	-->	(01)	(with in terminal)
	1	Dasyprocta	0	-->	(01)	(with in terminal)
	1	Cuniculus paca-t	0	-->	(01)	(with in terminal)
	1	Eoincamys pascua	0	-->	(01)	(with in terminal)
	1	Incamys bolivian	0	-->	(01)	(with in terminal)
	1	Microscleromys p	0	-->	(01)	(with in terminal)
	1	Scleromys quadra	0	-->	(01)	(with in terminal)
	1	Scleromys angust	0	-->	(01)	(with in terminal)
	1	Drytomomys aequa	0	-->	(01)	(with in terminal)
	1	Potamarchus muri	0	-->	(01)	(with in terminal)
	1	Dinomys branicki	0	-->	(01)	(with in terminal)
	1	Neoeptiblerma ambr	0	-->	(01)	(with in terminal)
	1	Chinchilla lanig	0	-->	(01)	(with in terminal)
	1	Lagidium viscaci	0	-->	(01)	(with in terminal)
	1	Lagostomus maxim	0	-->	(01)	(with in terminal)
	1	Scleromys osborn	0	-->	(01)	(with in terminal)

Hsearch_Consensus.out

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1 Eoviscaccia frasca 0 --> (01) (within terminal)
1 Scleromys praecox 0 --> (01) (within terminal)
1 Chambi ramys shipp 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambi ramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sci amys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys chysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 node_181 0 ==> 1 node_180
1 Octodon degus 1 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesi acarechi mys 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pi go 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tri bosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Tamquammys di spi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomani a proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibi a azrae 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteioromys m 1 --> (01) (within terminal)

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425 (Fusion of the) 0.500

Hsearch_Consensus.out

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1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 1 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Erethizon dorsat 1 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 1 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteioromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 1 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 1 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 node_137 1 ==> 0 Neoreomys austra
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branicki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lanig 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagidium viscaci 1 --> (01) (w i t h i n t e r m i n a l )
1 Lagostomus maxim 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Myocastor coypus 1 --> (01) (w i t h i n t e r m i n a l )
1 Proechimys cuvie 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimy s chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Makalata didelph 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivi e 1 --> (01) (w i t h i n t e r m i n a l )
1 node_181 1 ==> 0 node_180
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Plesiacarechymys 1 --> (01) (withinterminal)
1 Sallamys pascual 1 --> (01) (withinterminal)
1 Mayomys confluen 1 --> (01) (withinterminal)
1 Eosallamys paula 1 --> (01) (withinterminal)
1 Shapajamys laboc 1 --> (01) (withinterminal)
1 Eobranisamys rom 1 --> (01) (withinterminal)
1 Eobranisamys jav 1 --> (01) (withinterminal)
1 Pozomys ucayalie 1 --> (01) (withinterminal)
1 Tarapotomys mayo 1 --> (01) (withinterminal)
1 Tarapotomys suba 1 --> (01) (withinterminal)
1 Cachiyacuy kumme 1 --> (01) (withinterminal)
1 Thryonomys swind 1 --> (01) (withinterminal)
1 Paraphiomys pigo 1 --> (01) (withinterminal)
1 Metaphiomys scha 1 --> (01) (withinterminal)
1 Acritophiomys bo 1 --> (01) (withinterminal)
1 Baluchimys barry 1 --> (01) (withinterminal)
426 (Laminelone) 1.000 1 node_149 0 ==> 1 node_148
1 Potamarchus muri 1 --> (01) (withinterminal)
1 Lagostomus maxim 1 --> (01) (withinterminal)
427 (Number of Lam) 1.000 1 Scleromys praecu 0 --> (01) (withinterminal)
1 Archetypomys erl 0 --> (01) (withinterminal)
1 Tribosphenomys m 0 --> (01) (withinterminal)
1 Cocomys ligchaen 0 --> (01) (withinterminal)
1 Reithroparamys d 0 --> (01) (withinterminal)
1 Birbalomys sonda 0 --> (01) (withinterminal)
1 Tamquammys dispi 0 --> (01) (withinterminal)
1 Chapattimys wils 0 --> (01) (withinterminal)
1 Ottomaniaproavi 0 --> (01) (withinterminal)
1 Bugtimys zafarul 0 --> (01) (withinterminal)
1 Hodsahibi azrae 0 --> (01) (withinterminal)
1 'Waslamys' attia 0 --> (01) (withinterminal)
1 Phiomys hammudai 0 --> (01) (withinterminal)
1 Cachiyacuy conta 0 --> (01) (withinterminal)
1 Eoespina woodi -E 0 --> (01) (withinterminal)
1 Canaanimys maqui 0 --> (01) (withinterminal)
1 Protosteioromys m 0 --> (01) (withinterminal)
1 Eosteioromys homo 0 --> (01) (withinterminal)
1 Branisamyopsis a 0 --> (01) (withinterminal)
1 Neosteioromys pat 0 --> (01) (withinterminal)
1 Erethizon dorsat 0 --> (01) (withinterminal)
1 Coendou prehensi 0 --> (01) (withinterminal)
1 Steioromys detent 0 --> (01) (withinterminal)
1 Hypsosteioromys a 0 --> (01) (withinterminal)
1 Chaetomys subspi 0 --> (01) (withinterminal)
1 Palaeosteioromys 0 --> (01) (withinterminal)
1 Australoprocta f 0 --> (01) (withinterminal)
1 Luantus propheti 0 --> (01) (withinterminal)
1 Asteromys punctu 0 --> (01) (withinterminal)
1 Dolichotis patag 0 --> (01) (withinterminal)
1 Hydrochoerus hyd 0 --> (01) (withinterminal)
1 Cavia aperea 0 --> (01) (withinterminal)
1 Galea spixii 0 --> (01) (withinterminal)
1 Perimys intermed 0 --> (01) (withinterminal)
1 Neoreomys austra 0 --> (01) (withinterminal)
1 Branisamys luri b 0 --> (01) (withinterminal)
1 Dasyprocta 0 --> (01) (withinterminal)
1 Cuniculus paca-t 0 --> (01) (withinterminal)
1 Eoincamys pascua 0 --> (01) (withinterminal)
1 Incamys bolivi an 0 --> (01) (withinterminal)
1 Microsscleromys p 0 --> (01) (withinterminal)
1 Scleromys quadra 0 --> (01) (withinterminal)
1 Scleromys angust 0 --> (01) (withinterminal)
1 node_148 0 --> 1 node_145
1 Potamarchus muri 1 --> (01) (withinterminal)
1 Lagostomus maxim 0 --> (01) (withinterminal)
1 Scleromys osborn 0 --> (01) (withinterminal)
1 Garri domys curnu 0 --> (01) (withinterminal)
1 Eoviscaccia fras 0 --> (01) (withinterminal)

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Hsearch_Consensus.out

1	Eoviscaccia aust	0	-->	(01)	(with in terminal)
1	Scleromys praecu	0	-->	(01)	(with in terminal)
1	Chambiramys ship	0	-->	(01)	(with in terminal)
1	Eoincamys parvus	0	-->	(01)	(with in terminal)
1	Chambiramys sylv	0	-->	(01)	(with in terminal)
1	Eoincamys valver	0	-->	(01)	(with in terminal)
1	Eoincamys ameghi	0	-->	(01)	(with in terminal)
1	Draconomys verai	0	-->	(01)	(with in terminal)
1	Leucokephalos ze	0	-->	(01)	(with in terminal)
1	Platypittamys br	0	-->	(01)	(with in terminal)
1	Deseadomys aramb	0	-->	(01)	(with in terminal)
1	Acaremys murinus	0	-->	(01)	(with in terminal)
1	Sciameys principa	0	-->	(01)	(with in terminal)
1	Galileomys euryg	0	-->	(01)	(with in terminal)
1	Willidewu estepa	0	-->	(01)	(with in terminal)
1	Prospaniomys pri	0	-->	(01)	(with in terminal)
1	Spaniomys ripari	0	-->	(01)	(with in terminal)
1	Myocastor coypus	0	-->	(01)	(with in terminal)
1	Proechimys cuvie	0	-->	(01)	(with in terminal)
1	Maruchito trilof	0	-->	(01)	(with in terminal)
1	Thrichomys apere	0	-->	(01)	(with in terminal)
1	Echimy chrysuru	0	-->	(01)	(with in terminal)
1	Makalata didelph	0	-->	(01)	(with in terminal)
1	Protadelphomys l	0	-->	(01)	(with in terminal)
1	Euryzygomatomys	0	-->	(01)	(with in terminal)
1	Mesocapromys/Mys	0	-->	(01)	(with in terminal)
1	Xenodontomys sim	0	-->	(01)	(with in terminal)
1	Ctenomys bolivie	0	-->	(01)	(with in terminal)
1	Neophanomys bipl	0	-->	(01)	(with in terminal)
1	Pi thanotomys col	0	-->	(01)	(with in terminal)
1	Octodon degus	0	-->	(01)	(with in terminal)
1	Spalacopus cyanu	0	-->	(01)	(with in terminal)
1	Abrocoma bennett	0	-->	(01)	(with in terminal)
1	Adelphomys candi	0	-->	(01)	(with in terminal)
1	Prostichomys bow	0	-->	(01)	(with in terminal)
1	Stichomys regula	0	-->	(01)	(with in terminal)
1	Dudumus rui gomez	0	-->	(01)	(with in terminal)
1	Pampamys emmonsa	0	-->	(01)	(with in terminal)
1	Caviocri cetus lu	0	-->	(01)	(with in terminal)
1	Plesi acarechi mys	0	-->	(01)	(with in terminal)
1	Sallamys pascual	0	-->	(01)	(with in terminal)
1	Mayomys confluen	0	-->	(01)	(with in terminal)
1	Eosallamys paula	0	-->	(01)	(with in terminal)
1	Shapajamys laboc	0	-->	(01)	(with in terminal)
1	Eobrani samys rom	0	-->	(01)	(with in terminal)
1	Eobrani samys jav	0	-->	(01)	(with in terminal)
1	Pozomys ucayalie	0	-->	(01)	(with in terminal)
1	Tarapotomys mayo	0	-->	(01)	(with in terminal)
1	Tarapotomys suba	0	-->	(01)	(with in terminal)
1	Cachiyacuy kumme	0	-->	(01)	(with in terminal)
1	Thryonomys swind	0	-->	(01)	(with in terminal)
1	Paraphiomys pi go	0	-->	(01)	(with in terminal)
1	Metaphiomys scha	0	-->	(01)	(with in terminal)
1	Acritophiomys bo	0	-->	(01)	(with in terminal)
1	Baluchimys barry	0	-->	(01)	(with in terminal)
428 (Secondary int)	1.000	1	node_131	0	==> 1 Hydrochoerus hyd
1	Potamarchus muri	0	-->	(01)	(with in terminal)
429 (Tertiary inte)	0.500	1	node_131	0	==> 1 Hydrochoerus hyd
1	node_132	0	==>	1 Cavia aperea	
1	Potamarchus muri	0	-->	(01)	(with in terminal)
430 (Primary inter)	1.000	1	node_131	0	==> 1 Hydrochoerus hyd
1	Potamarchus muri	0	-->	(01)	(with in terminal)
431 (Fundamental e)	0.500	1	node_131	0	==> 1 Hydrochoerus hyd
1	node_132	0	==>	1 Cavia aperea	
1	Potamarchus muri	0	-->	(01)	(with in terminal)
432 (Secondary ext)	1.000	1	node_131	0	==> 1 Hydrochoerus hyd
1	Potamarchus muri	0	-->	(01)	(with in terminal)
433 (*Mandible)	0.667	2	Archetypomys erl	0	--> (012) (with in

Hsearch_Consensus.out

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1          node_216 0 --> terminal)
2 Chapattimys wils 1 --> 1 node_215
                                (012) (w i t h i n
                                t e r m i n a l )
2 Ottomani a proavi 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Bugtimys zafarul 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Hodsahi bi a azrae 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 'Waslamys' attia 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Cachi yacuy conta 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoespi na woodi -E 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Canaani mys maqui 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Protosteioromys m 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eosteioromys homo 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Hypsosteioromys a 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Palaeosteioromys 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Australoprocta f 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Luantus propheti 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Asteromys punctu 1 --> (012) (w i t h i n
                                t e r m i n a l )
1          node_134 1 ==> 2 node_133
2 Neoreomys austra 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Brani samys Iuri b 1 --> (012) (w i t h i n
                                t e r m i n a l )
1          node_139 1 ==> 2 Dasyprocta
2 Eoincamys pascua 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Incamys bolivi an 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Microscleromys p 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Neoepeblema ambr 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Garri domys curnu 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoviscaccia fras 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoviscaccia aust 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Chambi ramys shi p 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoincamys parvus 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Chambi ramys syl v 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoincamys val ver 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Eoincamys ameghi 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Draconomys verai 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Leucokephalos ze 1 --> (012) (w i t h i n
                                t e r m i n a l )
2 Platypittamys br 1 --> (012) (w i t h i n
                                t e r m i n a l )

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Hsearch_Consensus.out
 2 Deseadomys aramb 1 --> (012) (wi thi n
    termi nal)
 2 Prospani omys pri 1 --> (012) (wi thi n
    termi nal)
 2 Maruchi to tri l of 1 --> (012) (wi thi n
    termi nal)
 2 Protadel phomys l 1 --> (012) (wi thi n
    termi nal)
 2 Xenodontomys sim 1 --> (012) (wi thi n
    termi nal)
 2 Neophanomys bi pl 1 --> (012) (wi thi n
    termi nal)
 2 Pi thanotomys col 1 --> (012) (wi thi n
    termi nal)
 2 Prosti chomys bow 1 --> (012) (wi thi n
    termi nal)
 2 Sti chomys regul a 1 --> (012) (wi thi n
    termi nal)
 2 Dudumus rui gomez 1 --> (012) (wi thi n
    termi nal)
 2 Pampamys emmonsa 1 --> (012) (wi thi n
    termi nal)
 2 Cavi ocricetus lu 1 --> (012) (wi thi n
    termi nal)
 2 Pl esi acarechi mys 1 --> (012) (wi thi n
    termi nal)
 2 Sal l amys pascual 1 --> (012) (wi thi n
    termi nal)
 2 Mayomys confl uen 1 --> (012) (wi thi n
    termi nal)
 2 Eosal l amys paul a 1 --> (012) (wi thi n
    termi nal)
 2 Shapaj amys l aboc 1 --> (012) (wi thi n
    termi nal)
 2 Eobrani samys rom 1 --> (012) (wi thi n
    termi nal)
 2 Eobrani samys jav 1 --> (012) (wi thi n
    termi nal)
 2 Pozomys ucayal ie 1 --> (012) (wi thi n
    termi nal)
 2 Tarapotomys mayo 1 --> (012) (wi thi n
    termi nal)
 2 Tarapotomys suba 1 --> (012) (wi thi n
    termi nal)
 2 Cachi yacuy kumme 1 --> (012) (wi thi n
    termi nal)
 2 Paraphi omys pi go 1 --> (012) (wi thi n
    termi nal)
 2 Bal uchi mys barry 1 --> (012) (wi thi n
    termi nal)
 2 Archetypomys erl 0 --> (012) (wi thi n
    termi nal)
 2 Bi rbal omys sonda 0 --> (012) (wi thi n
    termi nal)
 2 Chapatti mys wi l s 0 --> (012) (wi thi n
    termi nal)
 2 Ottomani a proavi 0 --> (012) (wi thi n
    termi nal)
 2 Hodsahi bi a azrae 0 --> (012) (wi thi n
    termi nal)
 2 'Wasl amys' atti a 0 --> (012) (wi thi n
    termi nal)
 1 node_210 0 --> 1 node_209
 2 Phi omys hammudai 1 --> (012) (wi thi n
    termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
    termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
    termi nal)

```

434 (*Length of th) 0.333

Hsearch_Consensus.out

```

2 Canaani mys maqui 1 --> terminal
1 node_130 1 --> 0 node_128
2 Protosteir omys m 0 --> (012) (wi thi n
terminal)
2 Eosteir omys homo 0 --> (012) (wi thi n
terminal)
2 Neosteir omys pat 0 --> (012) (wi thi n
terminal)
1 node_125 0 --> 1 Erethi zon dorsat
2 Steir omys detent 0 --> (012) (wi thi n
terminal)
2 Hypsosteir omys a 1 --> (012) (wi thi n
terminal)
2 Pal aeosteir omys 1 --> (012) (wi thi n
terminal)
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
2 Asteromys punctu 1 --> (012) (wi thi n
terminal)
1 node_131 1 ==> 2 Dol ichoti s patag
2 Perimys intermed 1 --> (012) (wi thi n
terminal)
2 Neoreomys austra 1 --> (012) (wi thi n
terminal)
2 Brani samys luri b 1 ---> (012) (wi thi n
terminal)
1 node_139 1 ==> 2 Cuni cul us paca-t
1 node_195 1 --> 0 node_161
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
1 node_149 0 ==> 1 node_148
1 Drytomomys aequa 1 --> (01) (wi thi n terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
2 Neoepi blema ambr 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
2 Draconomys verai 1 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 1 --> (012) (wi thi n
terminal)
2 Prospani omys pri 1 --> (012) (wi thi n
terminal)
2 Maruchi to tri l of 1 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

```

2 Protadelphomys l 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Neophanomys bipl 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Adelphomys candi 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Prosti chomys bow 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Dudumus rui gomez 1 --> (012) (w i t h i n
    t e r m i n a l )
1 node_189 1 --> 0 Pampamys emmonsa
2 Cavi ocricetus l u 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Ple siacarechi mys 1 --> (012) (w i t h i n
    t e r m i n a l )
1 node_193 1 --> 0 Sal lamys pascual
2 Mayomys confl uen 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Eosal lamys paul a 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Shapaj amys l aboc 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Eobrani samys rom 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Eobrani samys jav 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Pozomys ucayal i e 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Tarapotomys mayo 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Tarapotomys suba 1 --> (012) (w i t h i n
    t e r m i n a l )
2 Cachi yacuy kumme 1 --> (012) (w i t h i n
    t e r m i n a l )
1 node_208 1 --> 0 Thryonomys swi nd
1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
2 Bal uchi mys barry 0 --> (012) (w i t h i n
    t e r m i n a l )
435 (Mandible at t) 1.000
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protoste iromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoste iromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoste iromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Ste iromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsoste iromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeoste iromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Austral oprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 node_131 0 ==> 1 Dol ichoti s patag
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys parvus 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys dispi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
 1 Hodsahibia azrae 0 --> (01) (wi thi n termi nal)
 1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteironomys m 0 --> (01) (wi thi n termi nal)
 1 Neosteironomys pat 0 --> (01) (wi thi n termi nal)
 1 Steironomys detent 0 --> (01) (wi thi n termi nal)
 1 Hypsosteironomys a 0 --> (01) (wi thi n termi nal)
 1 Palaeosteironomys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neopiblicema ambr 0 --> (01) (wi thi n termi nal)
 1 node_147 0 ==> 1 Lagostomus maxim
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 node_186 0 ==> 1 node_183
 1 Spaniomys ripari 1 --> (01) (wi thi n termi nal)
 1 node_170 1 ==> 0 Maruchito trilof
 1 Protadelphomys l 1 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
 1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Stichomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

437 (*Location of) 0.143

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1 Pozomys ucayal i e 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
1 node_120 1 --> 2 node_119
2 Hodsahi bi a azrae 2 --> (012) (wi thi n
termi nal)
1 node_210 1 --> 2 node_209
2 Phi omys hammudai 2 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 2 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 2 --> (012) (wi thi n
termi nal)
1 node_205 2 --> 1 node_204
2 Protostei romys m 1 --> (012) (wi thi n
termi nal)
2 Neostei romys pat 1 --> (012) (wi thi n
termi nal)
2 Stei romys detent 1 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 1 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 1 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 1 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 1 --> (012) (wi thi n
termi nal)
1 node_131 1 ==> 0 Dol i choti s patag
1 node_132 1 ==> 2 Cavi a aperea
1 node_132 1 ==> 0 Gal ea spi xi i
2 Peri mys i ntermed 1 --> (012) (wi thi n
termi nal)
1 node_138 1 ==> 0 Brani samys l uri b
1 node_140 1 ==> 2 node_139
2 Eoi ncamys pascua 1 --> (012) (wi thi n
termi nal)
1 node_154 1 --> 2 node_142
2 Mi croscl eromys p 2 --> (012) (wi thi n
termi nal)
2 Scl eromys quadra 1 --> (012) (wi thi n
termi nal)
2 Scl eromys angust 1 --> (012) (wi thi n
termi nal)
2 Potamarchus muri 1 --> (012) (wi thi n
termi nal)
1 node_145 1 ==> 0 Di nomys brani cki
1 node_148 1 --> 2 node_147
2 Neoepi bl ema ambr 2 --> (012) (wi thi n
termi nal)
2 Lagostomus maxi m 2 --> (012) (wi thi n
termi nal)
1 node_152 1 --> 2 node_151
2 Eovi scacci a fras 2 --> (012) (wi thi n

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Hsearch_Consensus.out

```

2 Scleromys praecu 1 --> terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 1 --> (012) (wi thi n
terminal)
2 Prospani omys pri 1 --> (012) (wi thi n
terminal)
2 Spani omys ri pari 1 --> (012) (wi thi n
terminal)
2 Myocastor coypus 1 --> (012) (wi thi n
terminal)
2 Proechi mys cuvie 1 --> (012) (wi thi n
terminal)
2 Thri chomys apere 1 --> (012) (wi thi n
terminal)
2 Echi mys chrysuru 1 --> (012) (wi thi n
terminal)
2 Makal ata di del ph 1 --> (012) (wi thi n
terminal)
2 Protadel phomys l 1 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 1 --> (012) (wi thi n
terminal)
2 Mesocapromys/Mys 1 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 1 --> (012) (wi thi n
terminal)
2 Abrocoma bennett 1 --> (012) (wi thi n
terminal)
2 Adel phomys candi 1 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
terminal)
2 Cavi ocricetus lu 1 --> (012) (wi thi n
terminal)
2 Pl esi acarechi mys 1 --> (012) (wi thi n
terminal)
1 node_193 1 ==> 0 Sall amys pascual
2 Mayomys confl uen 1 --> (012) (wi thi n
terminal)
2 Eosal l amys paul a 1 --> (012) (wi thi n
terminal)
1 node_201 1 --> 0 node_200
2 Shapaj amys laboc 0 --> (012) (wi thi n

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Hsearch_Consensus.out

```

2 Eobrani samys jav 0 --> terminal
2 Pozomys ucayal ie 1 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 2 --> (012) (wi thi n
terminal)
2 Thryonomys swi nd 2 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
terminal)
438 (Position of t) 0.286 1 node_130 0 --> 1 node_129
1 node_140 0 --> 2 node_138
1 node_198 0 --> 1 node_197
1 node_183 1 --> 0 node_182
1 node_169 0 --> 1 node_168
1 node_172 0 ==> 1 Makal ata di del ph
1 node_175 0 ==> 1 Mesocapromys/Mys
439 (Notch for the) 0.360 1 node_217 4 --> 1 node_216
1 node_125 1 ==> 0 Erethi zon dorsat
1 node_136 1 --> 2 node_135
1 node_137 1 ==> 4 Neoreomys austra
1 Brani samys luri b 1 ---> (14) (wi thi n terminal)
1 Cuni cul us paca-t 1 ---> (14) (wi thi n terminal)
1 node_195 1 --> 4 node_161
1 Incamys bol i vi an 4 --> (14) (wi thi n terminal)
1 node_147 4 ==> 3 node_146
1 node_147 4 ==> 1 Lagostomus maxi m
1 node_152 4 --> 1 node_151
1 node_162 1 ==> 4 Leucokephal os ze
1 node_163 1 ==> 4 Deseadomys aramb
1 node_165 1 ==> 4 node_164
1 Gal i leomys euryg 1 --> (01) (wi thi n terminal)
1 node_189 1 ==> 4 node_188
1 node_186 4 ==> 0 node_183
1 node_182 0 ==> 1 node_176
1 node_170 1 ==> 4 node_169
1 node_175 1 --> 4 node_174
1 node_177 0 ==> 4 Ctenomys bol i vi e
1 node_180 0 --> 3 node_179
1 node_184 4 ==> 1 Prosti chomys bow
1 Sal l amys pascual 1 --> (14) (wi thi n terminal)
1 node_209 1 ==> 4 node_208
440 (*Location of ) 0.261 3 Archetypomys erl 3 --> (0123) (wi thi n
terminal)
3 Tri bosphenomys m 3 --> (0123) (wi thi n
terminal)
3 Bi rbal omys sonda 3 --> (0123) (wi thi n
terminal)
2 node_217 3 --> 1 node_216
3 Tamquammys di spi 1 --> (0123) (wi thi n
terminal)
3 Chapatti mys wi l s 1 --> (0123) (wi thi n
terminal)
3 Ottomani a proavi 1 --> (0123) (wi thi n
terminal)
3 Bugti mys zafarul 1 --> (0123) (wi thi n
terminal)
3 Hodsahi bi a azrae 1 --> (0123) (wi thi n
terminal)
1 node_210 1 --> 0 node_209
3 Phi omys hammudai 0 --> (0123) (wi thi n
terminal)
3 Cachi yacuy conta 0 --> (0123) (wi thi n

```


Hsearch_Consensus.out

```

3 Canaani mys maqui 0 --> terminal
1 node_141 0 ==> 1 node_130
3 Protosteir omys m 1 --> (0123) (wi thi n
terminal)
3 Brani samyopsi s a 1 --> (0123) (wi thi n
terminal)
3 Neosteir omys pat 1 --> (0123) (wi thi n
terminal)
1 node_126 1 ==> 2 node_125
3 Steir omys detent 1 --> (0123) (wi thi n
terminal)
3 Pal aeosteir omys 0 --> (0123) (wi thi n
terminal)
1 node_138 0 ==> 1 node_137
3 Austral oprocta f 1 --> (0123) (wi thi n
terminal)
3 Asteromys punctu 1 --> (0123) (wi thi n
terminal)
1 node_131 1 ==> 2 Dol ichoti s patag
3 Perimys intermed 1 --> (0123) (wi thi n
terminal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n terminal)
3 Eoi ncamys pascua 0 --> (0123) (wi thi n
terminal)
3 Mi croscl eromys p 0 --> (0123) (wi thi n
terminal)
1 node_149 0 ==> 1 node_148
3 Potamarchus muri 1 --> (0123) (wi thi n
terminal)
1 node_147 1 ==> 2 Neoepi bl ema ambr
3 Eovi scacci a fras 0 --> (0123) (wi thi n
terminal)
3 Scl eromys praecu 0 --> (0123) (wi thi n
terminal)
3 Chambi ramys shi p 0 --> (0123) (wi thi n
terminal)
3 Eoi ncamys parvus 0 --> (0123) (wi thi n
terminal)
3 Chambi ramys syl v 0 --> (0123) (wi thi n
terminal)
3 Eoi ncamys val ver 0 --> (0123) (wi thi n
terminal)
3 Eoi ncamys ameghi 0 --> (0123) (wi thi n
terminal)
1 node_194 0 ==> 1 node_162
1 node_163 0 ==> 1 Deseadomys aramb
1 Acaremys murinus 0 --> (01) (wi thi n terminal)
1 node_165 0 ==> 1 Gal ileomys euryg
3 Will idewu estepa 0 --> (0123) (wi thi n
terminal)
1 node_170 0 ==> 1 node_169
3 Protadel phomys l 0 --> (0123) (wi thi n
terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 node_182 0 ==> 1 node_181
1 node_177 1 ==> 2 Ctenomys bol i vi e
3 Neophanomys bi pl 1 --> (0123) (wi thi n
terminal)
3 Pi thanotomys col 1 --> (0123) (wi thi n
terminal)
1 node_186 0 --> 1 node_185
1 node_184 1 --> 0 Sti chomys regula
1 Sal lamys pascual 0 --> (01) (wi thi n terminal)
3 Mayomys confl uen 0 --> (0123) (wi thi n
terminal)
3 Eosal lamys paul a 0 --> (0123) (wi thi n

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Hsearch_Consensus.out

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3 Shapaj amys laboc 0 --> terminal
(0123) (wi thi n
terminal)
3 Eobrani samys jav 0 --> (0123) (wi thi n
terminal)
1 node_204 0 --> 1 node_203
3 Tarapotomys mayo 1 --> (0123) (wi thi n
terminal)
3 Tarapotomys suba 1 --> (0123) (wi thi n
terminal)
3 Cachi yacuy kumme 0 --> (0123) (wi thi n
terminal)
1 node_208 0 --> 1 Thryonomys swind
3 Bal uchi mys barry 1 --> (0123) (wi thi n
terminal)
441 (*Development ) 0.238
2 Archetypomys erl 1 --> (012) (wi thi n
terminal)
1 node_219 1 --> 2 Tri bosphenomys m
2 Bi rbal omys sonda 1 --> (012) (wi thi n
terminal)
1 node_217 1 --> 0 node_216
2 Tamquammys di spi 0 --> (012) (wi thi n
terminal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
terminal)
2 Ottomani a proavi 0 --> (012) (wi thi n
terminal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
terminal)
1 node_120 0 --> 1 'Wasl amys' attia
2 Phi omys hammudai 0 --> (012) (wi thi n
terminal)
1 node_205 0 --> 1 node_122
2 Cachi yacuy conta 1 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 1 --> (012) (wi thi n
terminal)
1 node_201 0 ==> 1 node_198
2 Protostei romys m 1 --> (012) (wi thi n
terminal)
2 Eostei romys homo 1 --> (012) (wi thi n
terminal)
2 Neostei romys pat 1 --> (012) (wi thi n
terminal)
1 node_126 1 ==> 2 node_125
2 Stei romys detent 1 --> (012) (wi thi n
terminal)
1 node_129 1 ==> 2 Chaetomys subspi
2 Pal aeostei romys 1 --> (012) (wi thi n
terminal)
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
1 node_136 1 --> 2 node_135
2 Asteromys punctu 2 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 2 --> (012) (wi thi n
terminal)
1 Dasyprocta 1 --> (01) (wi thi n terminal)
1 Cuni cul us paca-t 1 --> (12) (wi thi n terminal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 1 --> (012) (wi thi n
terminal)
1 node_149 1 --> 2 node_148
2 Drytomomys aequa 2 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

2 Potamarchus muri 2 --> (012) (wi thi n
termi nal)
1 Di nomys brani cki 2 --> (12) (wi thi n termi nal)
2 Neoepi blema ambr 2 --> (012) (wi thi n
termi nal)
1 node_152 1 ==> 0 Garri domys curnu
2 Eovi scacci a fras 1 --> (012) (wi thi n
termi nal)
2 Scl eromys praecu 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
termi nal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
termi nal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
termi nal)
2 Draconomys verai 1 --> (012) (wi thi n
termi nal)
1 node_193 1 ==> 0 node_192
2 Sci amys pri nci pa 0 --> (012) (wi thi n
termi nal)
2 Wi lli dewu estepa 0 --> (012) (wi thi n
termi nal)
1 node_171 0 ==> 1 Thri chomys apere
1 node_172 0 ==> 1 Echi mys chrysuru
2 Protadel phomys l 0 --> (012) (wi thi n
termi nal)
1 node_182 0 --> 1 node_181
1 node_181 1 --> 2 node_178
2 Xenodontomys si m 2 --> (012) (wi thi n
termi nal)
2 Neophanomys bi pl 2 --> (012) (wi thi n
termi nal)
2 Pi thanotomys col 1 --> (012) (wi thi n
termi nal)
1 node_180 1 --> 0 Spal acopus cyanu
1 node_186 0 ==> 1 node_185
2 Mayomys confl uen 1 --> (012) (wi thi n
termi nal)
2 Eosal lamys paul a 1 --> (012) (wi thi n
termi nal)
2 Shapaj amys l aboc 0 --> (012) (wi thi n
termi nal)
2 Eobrani samys j av 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
termi nal)
2 Tarapotomys suba 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
termi nal)
1 node_208 0 ==> 1 Thryonomys swi nd
2 Bal uchi mys barry 0 --> (012) (wi thi n
termi nal)
2 Archetypomys erl 2 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 2 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 2 --> (012) (wi thi n
termi nal)
2 node_217 2 --> 0 node_216
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi l s 0 --> (012) (wi thi n

Hsearch_Consensus.out

```

terminal)
2 Ottomani a proavi 0 --> (012) (wi thi n
terminal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
terminal)
2 Phi omys hammudai 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 0 --> (012) (wi thi n
terminal)
1 node_141 0 --> 1 node_130
2 Protostei romys m 1 --> (012) (wi thi n
terminal)
2 Eostei romys homo 1 --> (012) (wi thi n
terminal)
2 Neostei romys pat 1 --> (012) (wi thi n
terminal)
2 Stei romys detent 1 --> (012) (wi thi n
terminal)
1 node_129 1 --> 0 Hypsostei romys a
2 Pal aeostei romys 0 --> (012) (wi thi n
terminal)
2 Austral oprocta f 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Dol i choti s patag 0 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
terminal)
2 Cavi a aperea 0 --> (012) (wi thi n
terminal)
2 Galea spi xi i 0 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
terminal)
1 Cuni cul us paca-t 0 --> (01) (wi thi n terminal)
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
1 node_149 0 ==> 1 node_148
2 Drytomomys aequa 1 --> (012) (wi thi n
terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
2 Chi nchi l l a l ani g 1 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 1 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
1 node_194 0 --> 1 node_162

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Hsearch_Consensus.out

```

2 Draconomys verai 1 --> (012) (wi thi n
    termi nal )
1      node_163 0 ==> 1 Deseadomys aramb
1      node_165 0 ==> 1 Gal ileomys euryg
2 Willidewu estepa 0 --> (012) (wi thi n
    termi nal )
1      node_170 0 ==> 1 Maruchi to tril of
2 Protadel phomys l 0 --> (012) (wi thi n
    termi nal )
1      node_182 0 ==> 1 node_181
2 Xenodontomys sim 1 --> (012) (wi thi n
    termi nal )
2 Neophanomys bi pl 1 --> (012) (wi thi n
    termi nal )
2 Pi thanotomys col 1 --> (012) (wi thi n
    termi nal )
1      node_184 0 ==> 1 Prosti chomys bow
1      node_188 0 ==> 1 Dudumus rui gomez
2 Mayomys confl uen 0 --> (012) (wi thi n
    termi nal )
2 Eosal l a mys paul a 0 --> (012) (wi thi n
    termi nal )
2 Shapaj a mys l aboc 0 --> (012) (wi thi n
    termi nal )
2 Eobrani samys j av 0 --> (012) (wi thi n
    termi nal )
2 Tarapotomys mayo 0 --> (012) (wi thi n
    termi nal )
2 Tarapotomys suba 0 --> (012) (wi thi n
    termi nal )
2 Cachi yacuy kumme 0 --> (012) (wi thi n
    termi nal )
1      node_208 0 ==> 1 Thryonomys swi nd
2 Bal uchi mys barry 0 --> (012) (wi thi n
    termi nal )
2 Archetypomys erl 0 --> (012) (wi thi n
    termi nal )
2      node_219 0 --> 2 Tri bosphenomys m
2 Bi rbal omys sonda 0 --> (012) (wi thi n
    termi nal )
1      node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n
    termi nal )
2 Chapatti mys wi l s 1 --> (012) (wi thi n
    termi nal )
2 Ottomani a proavi 1 --> (012) (wi thi n
    termi nal )
1      node_120 1 --> 2 node_119
2 Hodsahi bi a azrae 2 --> (012) (wi thi n
    termi nal )
1      node_211 1 --> 2 node_210
2 Phi omys hammudai 2 --> (012) (wi thi n
    termi nal )
2 Cachi yacuy conta 2 --> (012) (wi thi n
    termi nal )
2 Canaani mys maqui 2 --> (012) (wi thi n
    termi nal )
1      node_204 2 --> 1 node_201
2 Protostei romys m 1 --> (012) (wi thi n
    termi nal )
2 Eostei romys homo 1 --> (012) (wi thi n
    termi nal )
2 Neostei romys pat 1 --> (012) (wi thi n
    termi nal )
2 Stei romys detent 1 --> (012) (wi thi n
    termi nal )
1      node_129 1 ==> 2 Chaetomys subspi
2 Pal aeostei romys 1 --> (012) (wi thi n

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443 (*Devel opment) 0.333

Hsearch_Consensus.out

```

2 Australoprocta f 1 --> terminal
1 node_137 1 --> 2 node_136
2 Asteromys punctu 2 --> (012) (with in
terminal)
1 node_133 2 --> 1 node_132
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermed 2 --> (012) (with in
terminal)
1 Dasypsecta 1 --> (01) (with in terminal)
2 Eoincamys pascua 1 --> (012) (with in
terminal)
1 Incamys bolivian 1 --> (12) (with in terminal)
2 Microscleromys p 1 --> (012) (with in
terminal)
2 Scleromys quadra 1 --> (012) (with in
terminal)
1 node_148 1 --> 2 node_145
2 Drytomomys aequa 2 --> (012) (with in
terminal)
2 Potamarchus muri 2 --> (012) (with in
terminal)
1 node_148 1 --> 0 node_147
1 node_147 0 --> 1 Neoeplema ambr
1 node_152 1 --> 2 node_151
2 Eoviscaccia fras 2 --> (012) (with in
terminal)
2 Scleromys praecu 1 --> (012) (with in
terminal)
2 Chambi ramys ship 1 --> (012) (with in
terminal)
2 Eoincamys parvus 1 --> (012) (with in
terminal)
2 Chambi ramys sylv 1 --> (012) (with in
terminal)
2 Eoincamys valver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_163 1 ==> 2 Platypsecta br
1 node_164 1 ==> 0 Acaremys murinus
1 node_165 1 ==> 2 Galileomys euryg
2 Willidewu estepa 1 --> (012) (with in
terminal)
1 node_190 1 ==> 2 node_189
1 node_187 2 ==> 1 node_186
1 Spani omys ripari 1 --> (01) (with in terminal)
1 Proechimys cuvie 1 --> (12) (with in terminal)
1 node_170 1 ==> 0 Maruchito trifol
1 Thrichomys apere 1 --> (12) (with in terminal)
1 node_173 1 --> 2 node_172
1 Makalata didelph 2 --> (12) (with in terminal)
1 node_175 1 --> 2 node_174
2 Protadelphomys l 2 --> (012) (with in
terminal)
1 node_181 1 --> 2 node_178
2 Xenodontomys sim 2 --> (012) (with in
terminal)
2 Neophanomys bipl 2 --> (012) (with in
terminal)
1 node_180 1 --> 0 node_179
2 Pithanotomys col 0 --> (012) (with in
terminal)
1 Prosthichomys bow 1 --> (12) (with in terminal)
1 Stichomys regula 1 --> (12) (with in terminal)
2 Plestiacarechymys 1 --> (012) (with in
terminal)

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Hsearch_Consensus.out

1 Sal lamys pascual 1 --> (12) (wi thi n termi nal)
 2 Mayomys confl uen 1 --> (012) (wi thi n
 termi nal)
 2 Eosal lamys paul a 1 --> (012) (wi thi n
 termi nal)
 2 Shapaj amys laboc 1 --> (012) (wi thi n
 termi nal)
 2 Eobrani samys rom 1 --> (012) (wi thi n
 termi nal)
 2 Eobrani samys j av 1 --> (012) (wi thi n
 termi nal)
 2 Tarapotomys mayo 2 --> (012) (wi thi n
 termi nal)
 2 Tarapotomys suba 2 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy kumme 2 --> (012) (wi thi n
 termi nal)
 1 node_209 2 --> 1 node_208
 1 node_208 1 ==> 0 Paraphi omys pi go
 1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
 2 Bal uchi mys barry 1 --> (012) (wi thi n
 termi nal)
 3 Archetypomys erl 0 --> (0123) (wi thi n
 termi nal)
 3 Bi rbal omys sonda 0 --> (0123) (wi thi n
 termi nal)
 3 Tamquammys di spi 0 --> (0123) (wi thi n
 termi nal)
 3 Chapatti mys wi ls 0 --> (0123) (wi thi n
 termi nal)
 3 Ottomani a proavi 0 --> (0123) (wi thi n
 termi nal)
 3 Bugti mys zafarul 0 --> (0123) (wi thi n
 termi nal)
 3 Hodsahi bi a azrae 0 --> (0123) (wi thi n
 termi nal)
 3 'Wasl amys' atti a 0 --> (0123) (wi thi n
 termi nal)
 1 node_209 0 --> 1 node_207
 3 Phi omys hammudai 1 --> (0123) (wi thi n
 termi nal)
 3 Cachi yacuy conta 1 --> (0123) (wi thi n
 termi nal)
 3 Eoespi na woodi -E 1 --> (0123) (wi thi n
 termi nal)
 3 Canaani mys maqui 1 --> (0123) (wi thi n
 termi nal)
 1 node_198 1 ==> 2 node_141
 3 Protostei romys m 2 --> (0123) (wi thi n
 termi nal)
 2 node_126 2 --> 0 node_124
 3 Eostei romys homo 0 --> (0123) (wi thi n
 termi nal)
 3 Neostei romys pat 0 --> (0123) (wi thi n
 termi nal)
 1 node_126 2 ==> 3 node_125
 3 Stei romys detent 2 --> (0123) (wi thi n
 termi nal)
 3 Hypsostei romys a 2 --> (0123) (wi thi n
 termi nal)
 3 Pal aeostei romys 2 --> (0123) (wi thi n
 termi nal)
 1 node_141 2 --> 3 node_140
 3 Austral oprocta f 3 --> (0123) (wi thi n
 termi nal)
 3 Luantus propheti 3 --> (0123) (wi thi n
 termi nal)
 3 Asteromys punctu 3 --> (0123) (wi thi n

444 (*Devel opment) 0.231

Hsearch_Consensus.out

```

3 Perimys intermed 3 --> terminal
3 Neoreomys australis 3 --> (0123) (with terminal)
3 Bransfordomys lindsayi 3 --> (0123) (with terminal)
2 node_139 3 ==> 1 Dasypus
3 Eothenomys pascua 1 --> (0123) (with terminal)
3 Incamys bolivian 1 --> (0123) (with terminal)
3 Microscleromys p 1 --> (0123) (with terminal)
3 Scleromys quadra 1 --> (0123) (with terminal)
3 Scleromys angust 1 --> (0123) (with terminal)
3 Drytomomys aequa 1 --> (0123) (with terminal)
3 Potamarchus muri 1 --> (0123) (with terminal)
1 node_148 1 --> 2 node_147
3 Neopipistrellus ambr 2 --> (0123) (with terminal)
1 node_146 2 --> 1 Lagotis umvici
1 node_147 2 ==> 3 Lagotis maxim
3 Scleromys osborn 1 --> (0123) (with terminal)
3 Garri domys curru 1 --> (0123) (with terminal)
3 Eothenomys afras 1 --> (0123) (with terminal)
3 Eothenomys aust 1 --> (0123) (with terminal)
3 Scleromys praecu 1 --> (0123) (with terminal)
3 Chambi ramys shi p 1 --> (0123) (with terminal)
3 Eothenomys parvus 1 --> (0123) (with terminal)
3 Chambi ramys syl v 1 --> (0123) (with terminal)
3 Eothenomys val ver 1 --> (0123) (with terminal)
3 Eothenomys ameghi 1 --> (0123) (with terminal)
1 node_195 1 --> 0 node_194
3 Draconomys verai 0 --> (0123) (with terminal)
3 Leucokephalos ze 0 --> (0123) (with terminal)
3 Deseadomys aramb 0 --> (0123) (with terminal)
3 Acaemys murinus 0 --> (0123) (with terminal)
3 Sci amys pri nci pa 0 --> (0123) (with terminal)
3 Gal ileomys euryg 0 --> (0123) (with terminal)
3 Will idewu estepa 0 --> (0123) (with terminal)
3 Prospani omys pri 0 --> (0123) (with terminal)
3 Spani omys ri pari 0 --> (0123) (with terminal)
3 Maruchi to tril of 0 --> (0123) (with terminal)

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Hsearch_Consensus.out

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3 Protadelphomys l 0 --> (0123) (w i t h i n
    terminal)
1 node_181 0 --> 1 node_178
3 Xenodontomys sim 1 --> (0123) (w i t h i n
    terminal)
3 Neophanomys bip 1 --> (0123) (w i t h i n
    terminal)
3 Pithanotomys col 0 --> (0123) (w i t h i n
    terminal)
3 Adelphomys candi 0 --> (0123) (w i t h i n
    terminal)
3 Prosthichomys bow 0 --> (0123) (w i t h i n
    terminal)
3 Stichomys regula 0 --> (0123) (w i t h i n
    terminal)
3 Dudumus rui gomez 0 --> (0123) (w i t h i n
    terminal)
3 Pampamys emmonsa 0 --> (0123) (w i t h i n
    terminal)
3 Caviocricetus lu 0 --> (0123) (w i t h i n
    terminal)
3 Plestiacarechymys 0 --> (0123) (w i t h i n
    terminal)
3 Sallamys pascual 0 --> (0123) (w i t h i n
    terminal)
3 Mayomys confluen 1 --> (0123) (w i t h i n
    terminal)
3 Eosallamys paula 1 --> (0123) (w i t h i n
    terminal)
3 Shapajamys laboc 1 --> (0123) (w i t h i n
    terminal)
3 Eobranisamys rom 1 --> (0123) (w i t h i n
    terminal)
3 Eobranisamys jav 1 --> (0123) (w i t h i n
    terminal)
3 Pozomys ucayalie 1 --> (0123) (w i t h i n
    terminal)
3 Tarapotomys mayo 1 --> (0123) (w i t h i n
    terminal)
3 Tarapotomys suba 1 --> (0123) (w i t h i n
    terminal)
3 Cachi yacuy kumme 1 --> (0123) (w i t h i n
    terminal)
3 Paraphomys pi go 0 --> (0123) (w i t h i n
    terminal)
3 Baluchimys barry 0 --> (0123) (w i t h i n
    terminal)
445 (Development o) 0.500
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteiromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteiromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteiromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steiromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteiromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 node_136 0 --> 1 node_135
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepelema ambr 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 Lagostomus maxi m
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobraniamys rom 0 --> (01) (wi thi n termi nal)
1 Eobraniamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachiyacuy kumme 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tribosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 0 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 0 --> (012) (wi thi n
termi nal)
2 Ottomaniaproavi 0 --> (012) (wi thi n
termi nal)
2 Bugtimys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahibia azrae 0 --> (012) (wi thi n
termi nal)
2 'Waslamys' attia 0 --> (012) (wi thi n
termi nal)
2 Phiomys hammudai 0 --> (012) (wi thi n
termi nal)
2 Cachiyacuy conta 0 --> (012) (wi thi n
termi nal)
2 Eoespina woodi -E 0 --> (012) (wi thi n
termi nal)
2 Canaanimys maqui 0 --> (012) (wi thi n
termi nal)
1 node_198 0 --> 1 node_141
2 Protosteioromys m 1 --> (012) (wi thi n
termi nal)
2 Eosteioromys homo 1 --> (012) (wi thi n
termi nal)
2 Braniamyopsis a 1 --> (012) (wi thi n
termi nal)
2 Neosteioromys pat 1 --> (012) (wi thi n
termi nal)
2 Steioromys detent 1 --> (012) (wi thi n
termi nal)

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446 (*Depth of the) 0.667

Hsearch_Consensus.out

2 Hypsosteirromys a 1 --> (012) (with terminal)

2 Palaeosteirromys 1 --> (012) (with terminal)

1 node_140 1 --> 2 node_138

2 Australoprocta f 2 --> (012) (with terminal)

2 Luantus propheti 2 --> (012) (with terminal)

2 Asteromys punctu 2 --> (012) (with terminal)

2 Perimys intermed 2 --> (012) (with terminal)

2 Neoreomys austra 2 --> (012) (with terminal)

2 Braniamys Iuri b 2 --> (012) (with terminal)

2 Dasypsecta 1 --> (012) (with terminal)

2 Eoincamys pascua 0 --> (012) (with terminal)

2 Incamys bolivian 0 --> (012) (with terminal)

2 Microscleromys p 0 --> (012) (with terminal)

2 Scleromys quadra 0 --> (012) (with terminal)

2 Scleromys angust 0 --> (012) (with terminal)

2 Drytomomys aequa 0 --> (012) (with terminal)

2 Potamarchus muri 0 --> (012) (with terminal)

1 node_148 0 --> 1 node_147

2 Neopeblima ambr 1 --> (012) (with terminal)

2 Scleromys osborn 0 --> (012) (with terminal)

2 Garri domys curnu 0 --> (012) (with terminal)

2 Eoviscaccia fras 0 --> (012) (with terminal)

2 Eoviscaccia aust 0 --> (012) (with terminal)

2 Scleromys praecu 0 --> (012) (with terminal)

2 Chambi ramys shi p 0 --> (012) (with terminal)

2 Eoincamys parvus 0 --> (012) (with terminal)

2 Chambi ramys syl v 0 --> (012) (with terminal)

2 Eoincamys val ver 0 --> (012) (with terminal)

2 Eoincamys ameghi 0 --> (012) (with terminal)

2 Draconomys verai 0 --> (012) (with terminal)

2 Leucokephalos ze 0 --> (012) (with terminal)

2 Platypittamys br 0 --> (012) (with terminal)

2 Deseadomys aramb 0 --> (012) (with terminal)

2 Acaremys murinus 0 --> (012) (with terminal)

2 Sci amys pri nci pa 0 --> (012) (with terminal)

Hsearch_Consensus.out

2 Galileomys euryg 0 --> (012) (w i t h i n
termi nal)
2 Willidewu estepa 0 --> (012) (w i t h i n
termi nal)
2 Prospani omys pri 0 --> (012) (w i t h i n
termi nal)
2 Spani omys ri pari 0 --> (012) (w i t h i n
termi nal)
2 Myocastor coypus 0 --> (012) (w i t h i n
termi nal)
2 Proechi mys cuvie 0 --> (012) (w i t h i n
termi nal)
2 Maruchi to tri lof 0 --> (012) (w i t h i n
termi nal)
2 Thri chomys apere 0 --> (012) (w i t h i n
termi nal)
2 Echi mys chrysuru 0 --> (012) (w i t h i n
termi nal)
2 Makal ata di del ph 0 --> (012) (w i t h i n
termi nal)
2 Protadel phomys l 0 --> (012) (w i t h i n
termi nal)
2 Euryzygomatomys 0 --> (012) (w i t h i n
termi nal)
2 Mesocapromys/Mys 0 --> (012) (w i t h i n
termi nal)
2 Xenodontomys si m 0 --> (012) (w i t h i n
termi nal)
2 Neophanomys bi pl 0 --> (012) (w i t h i n
termi nal)
2 Pi thanotomys col 0 --> (012) (w i t h i n
termi nal)
2 Octodon degus 0 --> (012) (w i t h i n
termi nal)
2 Spal acopus cyanu 0 --> (012) (w i t h i n
termi nal)
2 Adel phomys candi 0 --> (012) (w i t h i n
termi nal)
2 Prosti chomys bow 0 --> (012) (w i t h i n
termi nal)
2 Sti chomys regul a 0 --> (012) (w i t h i n
termi nal)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
termi nal)
2 Pampamys emmonsa 0 --> (012) (w i t h i n
termi nal)
2 Cavi ocricetus l u 0 --> (012) (w i t h i n
termi nal)
2 Plesi acarechi mys 0 --> (012) (w i t h i n
termi nal)
2 Sal lamys pascual 0 --> (012) (w i t h i n
termi nal)
2 Mayomys confl uen 0 --> (012) (w i t h i n
termi nal)
2 Eosal lamys paul a 0 --> (012) (w i t h i n
termi nal)
2 Shapaj amys l aboc 0 --> (012) (w i t h i n
termi nal)
2 Eobrani samys rom 0 --> (012) (w i t h i n
termi nal)
2 Eobrani samys j av 0 --> (012) (w i t h i n
termi nal)
2 Pozomys ucayal ie 0 --> (012) (w i t h i n
termi nal)
2 Tarapotomys mayo 0 --> (012) (w i t h i n
termi nal)
2 Tarapotomys suba 0 --> (012) (w i t h i n
termi nal)

Hsearch_Consensus.out

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2 Cachi yacuy kumme 0 --> (012) (wi thi n
terminal)
2 Thryonomys swind 0 --> (012) (wi thi n
terminal)
2 Paraphi omys pi go 0 --> (012) (wi thi n
terminal)
2 Metaphi omys scha 0 --> (012) (wi thi n
terminal)
2 Acri tophi omys bo 0 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 0 --> (012) (wi thi n
terminal)
447 (Coronoid proc) 0.500
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
1 Cocomys ligchaen 0 --> (01) (wi thi n terminal)
1 Birbalomys sonda 0 --> (01) (wi thi n terminal)
1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
1 Chapattimys wils 0 --> (01) (wi thi n terminal)
1 Ottomani a proavi 0 --> (01) (wi thi n terminal)
1 Bugtimys zafarul 0 --> (01) (wi thi n terminal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n terminal)
1 'Waslamys' attia 0 --> (01) (wi thi n terminal)
1 Phi omys hammudai 0 --> (01) (wi thi n terminal)
1 Cachi yacuy conta 0 --> (01) (wi thi n terminal)
1 Eoespina woodi -E 0 --> (01) (wi thi n terminal)
1 Canaani mys maqui 0 --> (01) (wi thi n terminal)
1 Protosteioromys m 0 --> (01) (wi thi n terminal)
1 Eosteioromys homo 0 --> (01) (wi thi n terminal)
1 Neosteioromys pat 0 --> (01) (wi thi n terminal)
1 Steioromys detent 0 --> (01) (wi thi n terminal)
1 node_130 0 --> 1 node_129
1 Hypsosteioromys a 1 --> (01) (wi thi n terminal)
1 Palaeosteioromys 0 --> (01) (wi thi n terminal)
1 Australoprocta f 0 --> (01) (wi thi n terminal)
1 Luantus propheti 0 --> (01) (wi thi n terminal)
1 Asteromys punctu 0 --> (01) (wi thi n terminal)
1 Perimys intermed 0 --> (01) (wi thi n terminal)
1 Neoreomys austra 0 --> (01) (wi thi n terminal)
1 Brani samys luri b 0 --> (01) (wi thi n terminal)
1 Eoincamys pascua 0 --> (01) (wi thi n terminal)
1 Incamys bolivi an 0 --> (01) (wi thi n terminal)
1 Microscleromys p 0 --> (01) (wi thi n terminal)
1 Scleromys quadra 0 --> (01) (wi thi n terminal)
1 Scleromys angust 0 --> (01) (wi thi n terminal)
1 node_148 0 --> 1 node_145
1 Drytomomys aequa 1 --> (01) (wi thi n terminal)
1 Potamarchus muri 1 --> (01) (wi thi n terminal)
1 Neoepiblema ambr 0 --> (01) (wi thi n terminal)
1 Scleromys osborn 0 --> (01) (wi thi n terminal)
1 Garri domys curnu 0 --> (01) (wi thi n terminal)
1 Eoviscaccia fras 0 --> (01) (wi thi n terminal)
1 Eoviscaccia aust 0 --> (01) (wi thi n terminal)
1 Scleromys praecu 0 --> (01) (wi thi n terminal)
1 Chambi ramys ship 0 --> (01) (wi thi n terminal)
1 Eoincamys parvus 0 --> (01) (wi thi n terminal)
1 Chambi ramys sylv 0 --> (01) (wi thi n terminal)
1 Eoincamys valver 0 --> (01) (wi thi n terminal)
1 Eoincamys ameghi 0 --> (01) (wi thi n terminal)
1 Draconomys verai 0 --> (01) (wi thi n terminal)
1 Leucokephalos ze 0 --> (01) (wi thi n terminal)
1 Deseadomys aramb 0 --> (01) (wi thi n terminal)
1 Acaremys murinus 0 --> (01) (wi thi n terminal)
1 Sci amys principa 0 --> (01) (wi thi n terminal)
1 Galileomys euryg 0 --> (01) (wi thi n terminal)
1 Willidewu estepa 0 --> (01) (wi thi n terminal)
1 Prospani omys pri 0 --> (01) (wi thi n terminal)
1 Spani omys ripari 0 --> (01) (wi thi n terminal)
1 Maruchito trilof 0 --> (01) (wi thi n terminal)
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Hsearch_Consensus.out

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1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosthomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesiacarechymys 0 --> (01) (wi thi n termi nal)
1 Sallamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosallamys paula 0 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 0 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 0 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 0 --> (01) (wi thi n termi nal)
1 Baluchimys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomaniaproavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahibi azrae 1 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 1 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 1 --> (01) (wi thi n termi nal)
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 ==> 0 Erethizon dorsat
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Hyposteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 Australoprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 node_131 1 ==> 0 Dolichotis patag
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Branisamys luri b 1 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 1 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Dinomys branicki 1 --> (01) (wi thi n termi nal)
1 Neoeplema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)

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448 (Height of the) 0.143

Hsearch_Consensus.out

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1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 node_192 1 --> 0 node_167
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciameys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocrietus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaraechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 node_141 0 ==> 1 node_140
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )

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449 (Condyl oid apo) 0.667

Hsearch_Consensus.out

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1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 node_154 0 --> 1 node_142
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spani omys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosall amys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acri tophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Rei throparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Bi rbal omys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapatti mys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugti mys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 0 --> (01) (w i t h i n t e r m i n a l )

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450 (Length of the) 0.500

Hsearch_Consensus.out

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1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachiyacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteironomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteironomys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteironomys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steironomys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 node_130 0 --> 1 node_129
1 Hypsosteironomys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteironomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_139 0 ==> 1 Dasypsecta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )

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451 (*Posterior ex) 0.200

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Hsearch_Consensus.out
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchi mys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 1 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 1 --> (01) (w i t h i n t e r m i n a l )
1 Bugti mys zafarul 1 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahi bi a azrae 1 --> (01) (w i t h i n t e r m i n a l )
1 'Wasl amys' attia 1 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoespi na woodi -E 1 --> (01) (w i t h i n t e r m i n a l )
1 Canaani mys maqui 1 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 1 --> (01) (w i t h i n t e r m i n a l )
1 node_126 1 --> 0 node_124
1 Eostei romys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Neostei romys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Stei romys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsostei romys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 1 --> (01) (w i t h i n t e r m i n a l )
1 Austral oprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 Peri mys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 node_139 1 ==> 0 Dasyprocta
1 Eoi ncamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bol i vi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Mi croscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eovi scaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoi ncamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_173 1 --> 0 node_171
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to tril of 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
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Hsearch_Consensus.out

1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l)
 1 Plesiacarechi mys 1 --> (01) (w i t h i n t e r m i n a l)
 1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l)
 1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys rom 1 --> (01) (w i t h i n t e r m i n a l)
 1 Eobranisamys jav 1 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l)
 1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l)
 452 (*Dorsoventral) 0.222
 2 Archetypomys erl 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tribosphenomys m 0 --> (012) (w i t h i n t e r m i n a l)
 2 Cocomys ligchaen 0 --> (012) (w i t h i n t e r m i n a l)
 2 Birbalomys sonda 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tamquammys di spi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Chapattimys wils 0 --> (012) (w i t h i n t e r m i n a l)
 2 Ottomani a proavi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Bugtimys zafarul 0 --> (012) (w i t h i n t e r m i n a l)
 2 Hodsahibia azrae 0 --> (012) (w i t h i n t e r m i n a l)
 2 'Waslamys' attia 0 --> (012) (w i t h i n t e r m i n a l)
 2 Phiomys hammudai 0 --> (012) (w i t h i n t e r m i n a l)
 2 Cachi yacuy conta 0 --> (012) (w i t h i n t e r m i n a l)
 2 Eoespina woodi -E 0 --> (012) (w i t h i n t e r m i n a l)
 2 Canaanimys maqui 0 --> (012) (w i t h i n t e r m i n a l)
 2 Protosteioromys m 0 --> (012) (w i t h i n t e r m i n a l)
 1 node_126 0 --> 1 node_124
 2 Eosteioromys homo 1 --> (012) (w i t h i n t e r m i n a l)
 2 Neosteioromys pat 1 --> (012) (w i t h i n t e r m i n a l)
 2 Steioromys detent 0 --> (012) (w i t h i n t e r m i n a l)
 2 Hypsosteioromys a 0 --> (012) (w i t h i n t e r m i n a l)
 2 Palaeosteioromys 0 --> (012) (w i t h i n t e r m i n a l)
 2 node_141 0 --> 2 node_140
 2 Australoprocta f 2 --> (012) (w i t h i n t e r m i n a l)
 2 Luantus propheti 2 --> (012) (w i t h i n t e r m i n a l)
 2 Asteromys punctu 2 --> (012) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1          node_131 2 --> terminal)
2 Perimys intermed 2 --> 1 Dolichotis patag
(012) (within
terminal)
2 Neoreomys austra 2 --> (012) (within
terminal)
2 Brani samys luri b 2 --> (012) (within
terminal)
2          node_139 2 --> 0 Dasypsecta
2 Eoincamys pascua 0 --> (012) (within
terminal)
2 Incamys bolivi an 0 --> (012) (within
terminal)
2 Microscleromys p 0 --> (012) (within
terminal)
2 Scleromys quadra 0 --> (012) (within
terminal)
2 Scleromys angust 0 --> (012) (within
terminal)
2 Drytomomys aequa 0 --> (012) (within
terminal)
2 Potamarchus muri 0 --> (012) (within
terminal)
2 Neopiblemma ambr 0 --> (012) (within
terminal)
1          node_147 0 ==> 1 Lagostomus maxi m
2 Scleromys osborn 0 --> (012) (within
terminal)
2 Garri domys curnu 0 --> (012) (within
terminal)
2 Eoviscaccia fras 0 --> (012) (within
terminal)
2 Eoviscaccia aust 0 --> (012) (within
terminal)
2 Scleromys praecu 0 --> (012) (within
terminal)
2 Chambi ramys shi p 0 --> (012) (within
terminal)
2 Eoincamys parvus 0 --> (012) (within
terminal)
2 Chambi ramys syl v 0 --> (012) (within
terminal)
2 Eoincamys val ver 0 --> (012) (within
terminal)
2 Eoincamys ameghi 0 --> (012) (within
terminal)
2 Draconomys verai 0 --> (012) (within
terminal)
2 Leucokephalos ze 0 --> (012) (within
terminal)
2 Deseadomys aramb 0 --> (012) (within
terminal)
2 Acaemys murinus 0 --> (012) (within
terminal)
2 Sci amys pri nci pa 0 --> (012) (within
terminal)
2 Galileomys euryg 0 --> (012) (within
terminal)
2 Willidewu estepa 0 --> (012) (within
terminal)
2 Prospani omys pri 0 --> (012) (within
terminal)
1          node_169 0 --> 1 node_168
2 Spani omys ri pari 1 --> (012) (within
terminal)
2 Maruchi to tri lof 0 --> (012) (within
terminal)
1          node_172 0 ==> 1 Echimys chrysuru

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Hsearch_Consensus.out

2	Protadelphomys	l	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Xenodontomys	si	m	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Neophanomys	bi	pl	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Pi	thanotomys	col	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Adelphomys	candi	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Prostichomys	bow	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Stichomys	regula	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Dudumus	rui	gomez	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Pampamys	emmonsa	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Caviocricetus	lu	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Plesiaca	rechi	mys	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Sallamys	pascual	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Mayomys	confluen	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Eosallamys	paula	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Shapajamys	laboc	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Eobrani	samys	rom	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Eobrani	samys	j	av	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)
2	Pozomys	ucayalie	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Tarapotomys	mayo	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Tarapotomys	suba	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Cachiyacuy	kumme	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Paraphomys	pi	go	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
2	Metaphomys	scha	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Acritophomys	bo	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
2	Baluchimys	barry	0	-->	(012)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
453	(Alveolar prot)	0.333																				
1	Archetypomys	erl	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Birbalomys	sonda	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Tamquammys	dispi	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Chapattimys	wils	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Ottomani	a	proavi	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
1	Hodsahibi	azrae	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Phiomys	hammudai	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Cachiyacuy	conta	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Canaani	mys	maqui	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)	
1	Protosteioromys	m	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Neosteioromys	pat	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Steioromys	detent	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Palaeosteioromys		0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	Australoprocta	f	0	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	node_136		0	-->	1	node_135																
1	Asteromys	punctu	1	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		
1	node_131		1	-->	0	Hydrochoerus	hyd															
1	Perimys	intermed	1	-->	(01)	(w	i	t	h	i	n	t	e	r	m	i	n	a	l)		

Hsearch_Consensus.out

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1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1      node_145 0 ==> 1 Dinomys branicki
1 Neoepiblemma ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchitotrifol 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaraechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobranisamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomaniaproavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibia azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Branisamyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1      node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1      node_133 1 --> 0 node_131
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 1 --> (01) (w i t h i n t e r m i n a l )
1 Branisamys luri b 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblemma ambr 0 --> (01) (w i t h i n t e r m i n a l )
1      node_146 0 ==> 1 Chinchilla lanig
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )

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454 (Anterior proj) 0.111

Hsearch_Consensus.out

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1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 node_192 0 --> 1 node_191
1 node_168 1 ==> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 node_180 0 --> 1 node_179
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobranis amys rom 0 --> (01) (wi thi n termi nal)
1 Eobranis amys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_208
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 1 --> (012) (wi thi n
termi nal)
2 Reithroparamys d 1 --> (012) (wi thi n
termi nal)
2 Birbalomys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapattimys wils 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Bugti mys zafarul 1 --> (012) (wi thi n
termi nal)
2 Hodsahibi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' attia 1 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Cachi yacuy conta 1 --> terminal
2 Eoespi na woodi -E 1 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 1 --> (012) (wi thi n
terminal)
2 Protoste i romys m 1 --> (012) (wi thi n
terminal)
2 Eoste i romys homo 1 --> (012) (wi thi n
terminal)
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
2 Neoste i romys pat 1 --> (012) (wi thi n
terminal)
2 Erethi zon dorsat 1 --> (012) (wi thi n
terminal)
2 Coendou prehensi 1 --> (012) (wi thi n
terminal)
2 Stei romys detent 1 --> (012) (wi thi n
terminal)
2 Hypsoste i romys a 1 --> (012) (wi thi n
terminal)
2 Chaetomys subspi 1 --> (012) (wi thi n
terminal)
2 Pal aeoste i romys 1 --> (012) (wi thi n
terminal)
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
2 Luantus propheti 1 --> (012) (wi thi n
terminal)
2 Asteromys punctu 1 --> (012) (wi thi n
terminal)
2 Dol i choti s patag 1 --> (012) (wi thi n
terminal)
2 Hydrochoerus hyd 1 --> (012) (wi thi n
terminal)
1 node_132 1 ==> 0 Galea spi xi i
2 Peri mys i ntermed 1 --> (012) (wi thi n
terminal)
2 Neoreomys austra 1 --> (012) (wi thi n
terminal)
2 Brani samys luri b 1 --> (012) (wi thi n
terminal)
1 node_140 1 ==> 2 node_139
1 node_198 1 --> 0 node_197
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Incamys bol i vi an 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
2 Di nomys brani cki 0 --> (012) (wi thi n
terminal)
2 Neoepi bl ema ambr 0 --> (012) (wi thi n
terminal)
2 Lagi di um vi scaci 0 --> (012) (wi thi n
terminal)
2 Lagostomus maxi m 0 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out
2 Scleromys osborn 0 --> (012) (w i t h i n
termi nal )
2 Garri domys curnu 0 --> (012) (w i t h i n
termi nal )
2 Eovi scacci a fras 0 --> (012) (w i t h i n
termi nal )
2 Eovi scacci a aust 0 --> (012) (w i t h i n
termi nal )
2 Scleromys praecu 0 --> (012) (w i t h i n
termi nal )
2 Chambi ramys shi p 0 --> (012) (w i t h i n
termi nal )
2 Eoi ncamys parvus 0 --> (012) (w i t h i n
termi nal )
2 Chambi ramys syl v 0 --> (012) (w i t h i n
termi nal )
2 Eoi ncamys val ver 0 --> (012) (w i t h i n
termi nal )
2 Eoi ncamys ameghi 0 --> (012) (w i t h i n
termi nal )
2 Draconomys verai 0 --> (012) (w i t h i n
termi nal )
2 Leucokephal os ze 0 --> (012) (w i t h i n
termi nal )
2 Pl atypi ttamys br 0 --> (012) (w i t h i n
termi nal )
2 Deseadomys aramb 0 --> (012) (w i t h i n
termi nal )
2 Acaremys muri nus 0 --> (012) (w i t h i n
termi nal )
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
termi nal )
2 Gal i leomys euryg 0 --> (012) (w i t h i n
termi nal )
2 Wi l l i dewu estepa 0 --> (012) (w i t h i n
termi nal )
1 node_182 0 ==> 1 node_176
1 node_169 1 --> 0 node_168
2 Myocastor coypus 0 --> (012) (w i t h i n
termi nal )
1 node_169 1 ==> 2 Proechi mys cuvi e
2 Maruchi to tril of 1 --> (012) (w i t h i n
termi nal )
1 node_172 1 ==> 2 Makal ata di del ph
2 Protadel phomys l 1 --> (012) (w i t h i n
termi nal )
2 Euryzygomatomys 1 --> (012) (w i t h i n
termi nal )
2 Xenodontomys si m 0 --> (012) (w i t h i n
termi nal )
2 Ctenomys bol i vi e 0 --> (012) (w i t h i n
termi nal )
2 Neophanomys bi pl 0 --> (012) (w i t h i n
termi nal )
2 Pi thanotomys col 0 --> (012) (w i t h i n
termi nal )
2 Spal acopus cyanu 0 --> (012) (w i t h i n
termi nal )
2 Abrocoma bennett 0 --> (012) (w i t h i n
termi nal )
2 Adel phomys candi 0 --> (012) (w i t h i n
termi nal )
2 Prosti chomys bow 0 --> (012) (w i t h i n
termi nal )
2 Sti chomys regul a 0 --> (012) (w i t h i n
termi nal )
2 Dudumus rui gomez 0 --> (012) (w i t h i n
termi nal )

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Hsearch_Consensus.out

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2 Pampamys emmonsa 0 --> (012) (wi thi n
  terminal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
  terminal)
2 Plesi acarechi mys 0 --> (012) (wi thi n
  terminal)
2 Sal lamys pascual 0 --> (012) (wi thi n
  terminal)
2 Mayomys confl uen 0 --> (012) (wi thi n
  terminal)
2 Eosal lamys paul a 0 --> (012) (wi thi n
  terminal)
2 Shapaj amys laboc 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys rom 1 --> (012) (wi thi n
  terminal)
2 Eobrani samys jav 1 --> (012) (wi thi n
  terminal)
2 Pozomys ucayal ie 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys mayo 1 --> (012) (wi thi n
  terminal)
2 Tarapotomys suba 1 --> (012) (wi thi n
  terminal)
2 Cachi yacuy kumme 1 --> (012) (wi thi n
  terminal)
2 Paraphi omys pi go 1 --> (012) (wi thi n
  terminal)
2 Metaphi omys scha 1 --> (012) (wi thi n
  terminal)
2 Acri tophi omys bo 1 --> (012) (wi thi n
  terminal)
2 Bal uchi mys barry 1 --> (012) (wi thi n
  terminal)
456 (Length of the) 0.167
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tri bosphenomys m 0 --> (01) (wi thi n terminal)
  node_218 0 --> 1 node_217
1 Bi rbal omys sonda 1 --> (01) (wi thi n terminal)
1 Tamquammys di spi 1 --> (01) (wi thi n terminal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n terminal)
1 Ottomani a proavi 1 --> (01) (wi thi n terminal)
1 Bugti mys zafarul 1 --> (01) (wi thi n terminal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n terminal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n terminal)
1 Phi omys hammudai 1 --> (01) (wi thi n terminal)
1 Cachi yacuy conta 1 --> (01) (wi thi n terminal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n terminal)
1 Canaani mys maqui 1 --> (01) (wi thi n terminal)
1 Protostei romys m 1 --> (01) (wi thi n terminal)
  node_127 1 --> 0 node_126
1 Eostei romys homo 0 --> (01) (wi thi n terminal)
1 Brani samyopsi s a 0 --> (01) (wi thi n terminal)
1 Neostei romys pat 0 --> (01) (wi thi n terminal)
1 Hypsostei romys a 1 --> (01) (wi thi n terminal)
1 Chaetomys subspi 1 --> (01) (wi thi n terminal)
1 Pal aeostei romys 1 --> (01) (wi thi n terminal)
1 Austral oprocta f 1 --> (01) (wi thi n terminal)
1 Luantus propheti 1 --> (01) (wi thi n terminal)
1 Asteromys punctu 1 --> (01) (wi thi n terminal)
1 Perimys intermed 1 --> (01) (wi thi n terminal)
1 Brani samys luri b 1 --> (01) (wi thi n terminal)
  node_139 1 ==> 0 Cuni culus paca-t
1 Eoi ncamys pascua 1 --> (01) (wi thi n terminal)
1 Mi croscleromys p 1 --> (01) (wi thi n terminal)
1 Scleromys quadra 1 --> (01) (wi thi n terminal)
1 Scleromys angust 1 --> (01) (wi thi n terminal)
  node_145 1 --> 0 node_144
1 Potamarchus muri 0 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

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1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
2 Archetypomys erl 1 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 1 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 1 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 1 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 1 --> (012) (wi thi n
termi nal)
2 Bugti mys zafarul 1 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 1 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 1 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n

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457 (*Length of th) 0.154

Hsearch_Consensus.out

```

2 Canaani mys maqui 1 --> terminal)
1 node_198 1 ==> 2 node_141
2 Protostei romys m 2 --> (012) (wi thi n
terminal)
1 node_126 2 --> 1 node_124
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
2 Neostei romys pat 1 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 2 --> (012) (wi thi n
terminal)
1 node_138 2 ==> 1 node_137
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
2 Luantus propheti 1 --> (012) (wi thi n
terminal)
2 Asteromys punctu 1 --> (012) (wi thi n
terminal)
1 node_133 1 ==> 0 node_131
1 node_132 1 ==> 2 Cavi a aperea
2 Peri mys i ntermed 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys pascua 1 --> (012) (wi thi n
terminal)
2 I ncamys bol i vi an 1 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 1 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 1 --> (012) (wi thi n
terminal)
2 Scl eromys angust 1 --> (012) (wi thi n
terminal)
1 node_148 1 ==> 2 node_145
2 Potamarchus muri 2 --> (012) (wi thi n
terminal)
1 node_147 1 ==> 2 Neoepi bl ema ambr
1 node_147 1 ==> 0 node_146
2 Scl eromys osborn 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 1 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 1 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 1 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 1 --> (012) (wi thi n
terminal)
2 Draconomys verai 1 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 1 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 1 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 1 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 1 --> (012) (wi thi n

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Hsearch_Consensus.out

```

2 Galileomys euryg 1 --> terminal
2 Galileomys euryg 1 --> (012) (within
terminal)
2 Willidewu estepa 1 --> (012) (within
terminal)
2 Prospaniomyx pri 1 --> (012) (within
terminal)
2 Maruchito trilof 1 --> (012) (within
terminal)
1 node_171 1 ==> 0 Thrichomys apere
1 node_173 1 ==> 2 node_172
1 node_174 1 ==> 2 Euryzgomatomys
1 node_182 1 --> 2 node_181
1 node_177 2 --> 1 Xenodontomys sim
2 Neophanomys bipl 2 --> (012) (within
terminal)
2 Pi thanotomys col 2 --> (012) (within
terminal)
2 Abrocoma bennett 1 --> (012) (within
terminal)
2 Adelphomys candi 1 --> (012) (within
terminal)
2 Prosthichomys bow 1 --> (012) (within
terminal)
2 Stichomys regula 1 --> (012) (within
terminal)
2 Dudumus rui gomez 1 --> (012) (within
terminal)
2 Pampamys emmonsa 1 --> (012) (within
terminal)
2 Caviocricetus lu 1 --> (012) (within
terminal)
2 Plestiacarechimyx 1 --> (012) (within
terminal)
2 Mayomys confluen 1 --> (012) (within
terminal)
2 Eosallamys paula 1 --> (012) (within
terminal)
2 Shapajamys laboc 1 --> (012) (within
terminal)
2 Eobranisamys rom 1 --> (012) (within
terminal)
2 Eobranisamys jav 1 --> (012) (within
terminal)
2 Pozomys ucayalíe 1 --> (012) (within
terminal)
2 Tarapotomys mayo 1 --> (012) (within
terminal)
2 Tarapotomys suba 1 --> (012) (within
terminal)
2 Cachi yacuy kumme 1 --> (012) (within
terminal)
2 Paraphimys pi go 1 --> (012) (within
terminal)
2 Metaphimys scha 1 --> (012) (within
terminal)
2 Acritophimys bo 1 --> (012) (within
terminal)
2 Baluchimys barry 1 --> (012) (within
terminal)
2 Archetypomys erl 2 --> (012) (within
terminal)
2 Tribosphenomys m 2 --> (012) (within
terminal)
2 Birbalomys sonda 2 --> (012) (within
terminal)
2 Tamquammys di spi 2 --> (012) (within
terminal)

```

458 (*Shape of the) 0.143

Hsearch_Consensus.out

2 Chapattimys wils 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Ottomani a proavi 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Bugtimys zafarul 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Hodsahi bi a azrae 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 'Wasl amys' attia 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Phi omys hammudai 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Cachi yacuy conta 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoespi na woodi -E 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Canaani mys maqui 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Protostei romys m 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Brani samyopsi s a 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Neostei romys pat 2 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_126 2 ==> 1 node_125
 1 node_125 1 ==> 0 Erethi zon dorsat
 2 node_129 2 ==> 0 Chaetomys subspi
 2 Pal aeostei romys 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Austral oprocta f 2 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_137 2 --> 1 node_136
 2 Luantus propheti 1 --> (012) (w i t h i n
 t e r m i n a l)
 2 Asteromys punctu 1 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_131 1 --> 2 Hydrochoerus hyd
 2 Peri mys i ntermed 1 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_139 2 ==> 1 Cuni cul us paca-t
 2 Eoi ncamys pascua 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Incamys bol i vi an 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Mi croscl eromys p 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scl eromys quadra 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scl eromys angust 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Potamarchus muri 2 --> (012) (w i t h i n
 t e r m i n a l)
 1 node_147 2 ==> 1 Lagostomus maxi m
 2 Scl eromys osborn 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Garri domys curnu 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eovi scacci a fras 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eovi scacci a aust 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Scl eromys praecu 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Chambi ramys shi p 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Eoi ncamys parvus 2 --> (012) (w i t h i n
 t e r m i n a l)
 2 Chambi ramys syl v 2 --> (012) (w i t h i n
 t e r m i n a l)

Hsearch_Consensus.out

```

2 Eoincamys valver 2 --> terminal
2 Eoincamys ameghi 2 --> (012) (with in
terminal)
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platypittamys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Sciomyss principa 2 --> (012) (with in
terminal)
2 Galileomys euryg 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in
terminal)
1 node_192 2 --> 1 node_191
2 Prospaniomyss pri 1 --> (012) (with in
terminal)
1 node_169 1 --> 2 node_168
2 Spaniomyss ripari 2 --> (012) (with in
terminal)
2 Maruchito trilof 1 --> (012) (with in
terminal)
1 node_171 1 ==> 0 Thrichomys apere
1 node_172 1 --> 2 Makalata didelph
1 node_175 1 --> 2 Mesocapromys/Mys
1 node_181 1 --> 2 node_178
2 Neophanomys bipl 2 --> (012) (with in
terminal)
2 Pithanotomys col 1 --> (012) (with in
terminal)
2 Abrocoma bennett 1 --> (012) (with in
terminal)
2 Adelphomys candi 1 --> (012) (with in
terminal)
2 Prosthichomys bow 1 --> (012) (with in
terminal)
2 Stichomys regula 1 --> (012) (with in
terminal)
2 Dudumus rui gomez 1 --> (012) (with in
terminal)
2 Pampamys emmonsa 1 --> (012) (with in
terminal)
2 Caviocricetus lu 1 --> (012) (with in
terminal)
2 Plestiacarechimyss 1 --> (012) (with in
terminal)
2 Sallamys pascual 2 --> (012) (with in
terminal)
2 Mayomys confluen 2 --> (012) (with in
terminal)
2 Eosallamys paula 2 --> (012) (with in
terminal)
2 Shapajamys laboc 2 --> (012) (with in
terminal)
2 Eobranisamys rom 2 --> (012) (with in
terminal)
2 Eobranisamys jav 2 --> (012) (with in
terminal)
2 Pozomys ucayalie 2 --> (012) (with in
terminal)
2 Tarapotomys mayo 2 --> (012) (with in
terminal)
2 Tarapotomys suba 2 --> (012) (with in

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Hsearch_Consensus.out

2 Cachi yacuy kumme 2 --> terminal
2 Paraphi omys pi go 2 --> (012) (wi thi n
terminal)
2 Metaphi omys scha 2 --> (012) (wi thi n
terminal)
2 Acri tophi omys bo 2 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 2 --> (012) (wi thi n
terminal)
459 (*Pal atal ridg) 0.500 2 Archetypomys erl 0 --> (012) (wi thi n
terminal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
terminal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
terminal)
2 Tamquammys di spi 0 --> (012) (wi thi n
terminal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
terminal)
2 Ottomani a proavi 0 --> (012) (wi thi n
terminal)
2 Bugti mys zafarul 0 --> (012) (wi thi n
terminal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
terminal)
2 'Wasl amys' attia 0 --> (012) (wi thi n
terminal)
2 Phi omys hammudai 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
terminal)
2 Eoespi na woodi -E 0 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 0 --> (012) (wi thi n
terminal)
2 Protostei romys m 0 --> (012) (wi thi n
terminal)
1 node_126 0 ==> 1 node_124
2 Brani samyopsi s a 1 --> (012) (wi thi n
terminal)
2 Stei romys detent 0 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 0 --> (012) (wi thi n
terminal)
2 Austral oprocta f 0 --> (012) (wi thi n
terminal)
2 Luantus propheti 0 --> (012) (wi thi n
terminal)
2 Asteromys punctu 0 --> (012) (wi thi n
terminal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
terminal)
2 node_139 0 ==> 2 Cuni cul us paca-t
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
1 node_146 0 ==> 1 Lagi di um vi scaci

Hsearch_Consensus.out

2 Scleromys osborn 0 --> (012) (w i t h i n
t e r m i n a l)
2 Garri domys curnu 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eovi scaccia fras 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eovi scaccia aust 0 --> (012) (w i t h i n
t e r m i n a l)
2 Scleromys praecu 0 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys shi p 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoi ncamys parvus 0 --> (012) (w i t h i n
t e r m i n a l)
2 Chambi ramys syl v 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoi ncamys val ver 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eoi ncamys ameghi 0 --> (012) (w i t h i n
t e r m i n a l)
2 Draconomys verai 0 --> (012) (w i t h i n
t e r m i n a l)
2 Leucokephal os ze 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pl atypi ttamys br 0 --> (012) (w i t h i n
t e r m i n a l)
2 Deseadomys aramb 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sci amys pri nci pa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Gal i leomys euryg 0 --> (012) (w i t h i n
t e r m i n a l)
2 Wi l l i dewu estepa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Prospani omys pri 0 --> (012) (w i t h i n
t e r m i n a l)
2 Maruchi to tri lof 0 --> (012) (w i t h i n
t e r m i n a l)
2 Neophanomys bi pl 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pi thanotomys col 0 --> (012) (w i t h i n
t e r m i n a l)
2 Abrocoma bennett 0 --> (012) (w i t h i n
t e r m i n a l)
2 Adel phomys candi 0 --> (012) (w i t h i n
t e r m i n a l)
2 Prosti chomys bow 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sti chomys regul a 0 --> (012) (w i t h i n
t e r m i n a l)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pampamys emmonsa 0 --> (012) (w i t h i n
t e r m i n a l)
2 Cavi ocricetus lu 0 --> (012) (w i t h i n
t e r m i n a l)
2 Pl esi acarechi mys 0 --> (012) (w i t h i n
t e r m i n a l)
2 Sal l amys pascual 0 --> (012) (w i t h i n
t e r m i n a l)
2 Mayomys confl uen 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eosal l amys paul a 0 --> (012) (w i t h i n
t e r m i n a l)
2 Shapaj amys l aboc 0 --> (012) (w i t h i n
t e r m i n a l)
2 Eobrani samys rom 0 --> (012) (w i t h i n
t e r m i n a l)

Hsearch_Consensus.out

2 Eobrani samys jav 0 --> (012) (w i t h i n
termi nal)

2 Pozomys ucayal i e 0 --> (012) (w i t h i n
termi nal)

2 Tarapotomys mayo 0 --> (012) (w i t h i n
termi nal)

2 Tarapotomys suba 0 --> (012) (w i t h i n
termi nal)

2 Cachi yacuy kumme 0 --> (012) (w i t h i n
termi nal)

2 Paraphi omys pi go 0 --> (012) (w i t h i n
termi nal)

2 Metaphi omys scha 0 --> (012) (w i t h i n
termi nal)

2 Acri tophi omys bo 0 --> (012) (w i t h i n
termi nal)

2 Bal uchi mys barry 0 --> (012) (w i t h i n
termi nal)

460 (Margins of th) 0.250

1 node_218 0 --> 2 Cocomys l i gchaen

1 node_217 0 --> 1 node_118

1 node_126 0 --> 2 node_125

1 node_130 0 --> 2 node_129

1 node_137 0 --> 1 node_136

1 node_131 1 --> 0 Hydrochoerus hyd

1 node_139 0 ==> 1 Dasyprocta

1 node_175 0 ==> 1 Mesocapromys/Mys

461 (*Length of th) 0.118

2 Archetypomys erl 1 ---> (012) (w i t h i n
termi nal)

2 Tri bosphenomys m 1 --> (012) (w i t h i n
termi nal)

1 node_218 1 --> 2 node_217

2 Bi rbal omys sonda 2 --> (012) (w i t h i n
termi nal)

2 Tamquammys di spi 2 --> (012) (w i t h i n
termi nal)

2 Chapatti mys wi l s 2 --> (012) (w i t h i n
termi nal)

2 Ottomani a proavi 2 --> (012) (w i t h i n
termi nal)

2 Bugti mys zafarul 2 --> (012) (w i t h i n
termi nal)

2 Hodsahi bi a azrae 2 --> (012) (w i t h i n
termi nal)

2 'Wasl amys' atti a 2 --> (012) (w i t h i n
termi nal)

2 node_209 2 --> 0 node_207

2 Phi omys hammudai 0 --> (012) (w i t h i n
termi nal)

2 Cachi yacuy conta 0 --> (012) (w i t h i n
termi nal)

2 Eoespi na woodi -E 0 --> (012) (w i t h i n
termi nal)

2 Canaani mys maqui 0 --> (012) (w i t h i n
termi nal)

2 Protostei romys m 0 --> (012) (w i t h i n
termi nal)

2 Eostei romys homo 0 --> (012) (w i t h i n
termi nal)

2 Brani samyopsi s a 0 --> (012) (w i t h i n
termi nal)

2 node_129 0 ==> 2 Hypsostei romys a

2 Pal aeostei romys 0 --> (012) (w i t h i n
termi nal)

2 node_140 0 ==> 2 node_138

2 Austral oprocta f 2 --> (012) (w i t h i n
termi nal)

1 node_137 2 --> 1 node_136

2 Luantus propheti 1 --> (012) (w i t h i n

Hsearch_Consensus.out

```

2 Asteromys punctu 1 --> terminal
2 Asteromys punctu 1 --> (012) (with in
terminal)
1 node_131 1 ==> 0 Dolichotis patag
1 node_131 1 --> 2 Hydrochoerus hyd
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermed 1 --> (012) (with in
terminal)
2 Eoincamys pascua 0 --> (012) (with in
terminal)
2 node_154 0 --> 2 node_142
2 Microscleromys p 2 --> (012) (with in
terminal)
2 Scleromys quadra 0 --> (012) (with in
terminal)
2 Scleromys angust 0 --> (012) (with in
terminal)
2 node_148 0 ==> 2 node_145
2 Potamarchus muri 2 --> (012) (with in
terminal)
2 Garri domys curnu 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys shi p 0 --> (012) (with in
terminal)
2 Eoincamys parvus 0 --> (012) (with in
terminal)
2 Chambi ramys syl v 0 --> (012) (with in
terminal)
2 Eoincamys val ver 0 --> (012) (with in
terminal)
2 Eoincamys ameghi 0 --> (012) (with in
terminal)
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Leucokephalos ze 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Sci amys pri nci pa 0 --> (012) (with in
terminal)
2 Gal ileomys euryg 0 --> (012) (with in
terminal)
2 Maruchi to tri lof 0 --> (012) (with in
terminal)
2 node_173 0 ==> 2 node_172
2 Neophanomys bi pl 0 --> (012) (with in
terminal)
2 Pi thanotomys col 0 --> (012) (with in
terminal)
2 Adel phomys candi 0 --> (012) (with in
terminal)
2 Prosti chomys bow 0 --> (012) (with in
terminal)
2 Sti chomys regul a 0 --> (012) (with in
terminal)
2 Dudumus rui gomez 0 --> (012) (with in
terminal)
2 Pampamys emmonsa 0 --> (012) (with in
terminal)
2 Cavi ocricetus lu 0 --> (012) (with in
terminal)
2 Ple si acarechi mys 0 --> (012) (with in

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Hsearch_Consensus.out

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2 Mayomys confluen 0 --> terminal)
2 Eosal lamys paula 0 --> (012) (wi thi n
terminal)
2 Shapaj amys laboc 0 --> (012) (wi thi n
terminal)
2 Eobrani samys rom 0 --> (012) (wi thi n
terminal)
2 Eobrani samys jav 0 --> (012) (wi thi n
terminal)
2 Pozomys ucayal ie 0 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
terminal)
2 Metaphi omys scha 2 --> (012) (wi thi n
terminal)
2 Acri tophi omys bo 2 --> (012) (wi thi n
terminal)
2 Bal uchi mys barry 2 --> (012) (wi thi n
terminal)
462 (*Posterior ex) 0.154 2 Archetypomys erl 0 --> (012) (wi thi n
terminal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
terminal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
terminal)
1 node_217 0 --> 1 node_216
2 Tamquammys di spi 1 --> (012) (wi thi n
terminal)
2 Chapatti mys wi ls 1 --> (012) (wi thi n
terminal)
2 Ottomani a proavi 1 --> (012) (wi thi n
terminal)
2 Bugti mys zafarul 1 --> (012) (wi thi n
terminal)
2 Hodsahi bi a azrae 1 --> (012) (wi thi n
terminal)
2 'Wasl amys' atti a 1 --> (012) (wi thi n
terminal)
2 Phi omys hammudai 1 --> (012) (wi thi n
terminal)
2 Cachi yacuy conta 1 --> (012) (wi thi n
terminal)
2 Eoespi na woodi -E 1 --> (012) (wi thi n
terminal)
2 Canaani mys maqui 1 --> (012) (wi thi n
terminal)
2 Protostei romys m 1 --> (012) (wi thi n
terminal)
1 node_126 1 --> 0 node_124
2 Eostei romys homo 0 --> (012) (wi thi n
terminal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
terminal)
2 Stei romys detent 1 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 1 --> (012) (wi thi n
terminal)
1 node_141 1 --> 0 node_140
1 node_138 0 --> 1 node_137
2 Austral oprocta f 1 --> (012) (wi thi n
terminal)
2 Luantus propheti 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Asteromys punctu 1 --> terminal)
1 node_131 1 ==> 2 Hydrochoerus hyd
1 node_132 1 ==> 2 Cavia aperea
2 Perimys intermed 1 --> (012) (wi thi n
terminal)
2 Neoreomys austra 1 --> (012) (wi thi n
terminal)
2 Eoincamys pascua 1 --> (012) (wi thi n
terminal)
1 node_154 1 --> 0 node_142
2 Microscleromys p 0 --> (012) (wi thi n
terminal)
2 Scleromys quadra 1 --> (012) (wi thi n
terminal)
2 Scleromys angust 1 --> (012) (wi thi n
terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
1 node_147 1 ==> 2 Neoepebl ema ambr
2 Scleromys osborn 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 1 --> (012) (wi thi n
terminal)
2 Eoviscaccia aust 1 --> (012) (wi thi n
terminal)
2 Scleromys praecu 1 --> (012) (wi thi n
terminal)
2 Chambiramys shi p 1 --> (012) (wi thi n
terminal)
2 Eoincamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambiramys syl v 1 --> (012) (wi thi n
terminal)
2 Eoincamys val ver 1 --> (012) (wi thi n
terminal)
2 Eoincamys ameghi 1 --> (012) (wi thi n
terminal)
2 Draconomys verai 1 --> (012) (wi thi n
terminal)
2 Leucokephalos ze 1 --> (012) (wi thi n
terminal)
1 node_192 1 --> 0 node_167
2 Platyptamys br 0 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
terminal)
2 Galileomys euryg 0 --> (012) (wi thi n
terminal)
2 Willidewu estepa 0 --> (012) (wi thi n
terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchito trilof 1 --> (012) (wi thi n
terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Mesocapromys/Mys 1 --> (012) (wi thi n
terminal)
2 Xenodontomys sim 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
1 node_179 1 ==> 0 Octodon degus
2 Abrocoma bennett 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Adelphomys candi 1 --> terminal
2 Prosthomys bow 1 --> (012) (with terminal)
2 Stenomys regula 1 --> (012) (with terminal)
2 Dudumys rui gomez 1 --> (012) (with terminal)
2 Pampamys emmonsa 1 --> (012) (with terminal)
2 Caviocricetus lu 1 --> (012) (with terminal)
2 Plestiacarechymys 1 --> (012) (with terminal)
2 Mayomys confluen 1 --> (012) (with terminal)
2 Eosallamys paula 1 --> (012) (with terminal)
2 Shapajamys laboc 1 --> (012) (with terminal)
2 Eobranisamys rom 1 --> (012) (with terminal)
2 Eobranisamys jav 1 --> (012) (with terminal)
2 Pozomys ucayalíe 1 --> (012) (with terminal)
2 Tarapotomys mayo 1 --> (012) (with terminal)
2 Tarapotomys suba 1 --> (012) (with terminal)
2 Cachiycuy kumme 1 --> (012) (with terminal)
1 node_209 1 --> 2 node_208
2 Paraphimys pi go 2 --> (012) (with terminal)
2 Metaphimys scha 1 --> (012) (with terminal)
2 Acritophimys bo 1 --> (012) (with terminal)
2 Baluchimys barry 1 --> (012) (with terminal)
463 (Articulation) 1.000
1 Archetypomys erl 0 --> (01) (with terminal)
1 Tribosphenomys m 0 --> (01) (with terminal)
1 Birbalomys sonda 0 --> (01) (with terminal)
1 Tamquammys di spi 0 --> (01) (with terminal)
1 Chapattimys wils 0 --> (01) (with terminal)
1 Ottomaniaproavi 0 --> (01) (with terminal)
1 Bugtimys zafarul 0 --> (01) (with terminal)
1 Hodsahibi azrae 0 --> (01) (with terminal)
1 'Waslamys' attia 0 --> (01) (with terminal)
1 Phimys hammudai 0 --> (01) (with terminal)
1 Cachiycuy conta 0 --> (01) (with terminal)
1 Eoespina woodi -E 0 --> (01) (with terminal)
1 Canaanimys maqui 0 --> (01) (with terminal)
1 Protosteiromys m 0 --> (01) (with terminal)
1 Branisamyopsis a 0 --> (01) (with terminal)
1 Steiromys detent 0 --> (01) (with terminal)
1 Palaeosteiromys 0 --> (01) (with terminal)
1 Australoprocta f 0 --> (01) (with terminal)
1 Luantus propheti 0 --> (01) (with terminal)
1 Asteromys punctu 0 --> (01) (with terminal)
1 node_131 0 ==> 1 Dolichotis patag
1 Perimys intermed 0 --> (01) (with terminal)
1 Branisamys luri b 0 --> (01) (with terminal)
1 Eoincamys pascua 0 --> (01) (with terminal)
1 Incamys bolivi an 0 --> (01) (with terminal)
1 Microscleromys p 0 --> (01) (with terminal)

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Hsearch_Consensus.out

1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambiramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l)
 1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l)
 1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l)
 1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l)
 1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l)
 1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Plesi carechi mys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l)
 1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosal lamys paula 0 --> (01) (w i t h i n t e r m i n a l)
 1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l)
 1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophiomys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys dispi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 node_127 0 --> 1 node_126
 1 Eosteioromys homo 1 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsis a 1 --> (01) (w i t h i n t e r m i n a l)
 1 node_125 1 --> 0 Coendou prehensi
 1 Hypsosteioromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1   node_133 0 ==> 1 node_131
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1   node_147 0 ==> 1 Neoepebl em a ambr
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garridomys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambiramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1   node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1   node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1   node_208 0 ==> 1 Paraphi omys pi go
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
465 (Posterior sut) 0.667
1   node_217 0 --> 1 node_216
1   node_132 1 ==> 2 Cavi a aperea
1   node_208 1 ==> 0 Paraphi omys pi go
466 (Development o) 1.000
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1   node_217 0 ==> 1 node_216
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 *Phiomys hammudai* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Cachiyacuy conta* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoespina woodi -E* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Canaani mys maqui* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Protosteioromys m* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Brani samyopsis a* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Steioromys detent* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Palaeosteioromys* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Australoprocta f* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Luantus propheti* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Asteromys punctu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Perimys intermed* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Brani samys luri b* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys pascua* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Microscleromys p* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys quadra* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys angust* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Potamarchus muri* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Garri domys curnu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoviscaccia fras* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoviscaccia aust* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Scleromys praecu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chambaramys ship* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys parvus* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Chambaramys sylv* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys valver* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoincamys ameghi* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Draconomys verai* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Leucokephalos ze* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Deseadomys aramb* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Sci amys principa* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Galileomys euryg* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Maruchito trilof* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Protadelphomys l* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Xenodontomys sim* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Neophanomys bipl* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Pi thanotomys col* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Adelphomys candi* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Prostichomys bow* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Stichomys regula* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Dudumus rui gomez* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Pampamys emmonsa* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Caviocrietus lu* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Plesi acarechi mys* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Mayomys confluen* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eosallamys paula* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Shapaj amys laboc* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eobrani samys rom* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Eobrani samys jav* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Pozomys ucayalie* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Tarapotomys mayo* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Tarapotomys suba* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Cachiyacuy kumme* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Metaphi omys scha* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Baluchimys barry* 1 --> (01) (w i t h i n t e r m i n a l)
 1 *Archetypomys erl* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Tri bosphenomys m* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Reithroparamys d* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Birbalomys sonda* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Tamquammys di spi* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Chapattimys wils* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Ottomani a proavi* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Bugtimys zafarul* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Hodsahibi a azrae* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *'Waslamys' attia* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Phi omys hammudai* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Cachiyacuy conta* 0 --> (01) (w i t h i n t e r m i n a l)
 1 *Eoespina woodi -E* 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 --> 1 node_136
1 Luantus propheti 1 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 1 --> (01) (w i t h i n t e r m i n a l )
1 node_131 1 --> 0 Hydrochoerus hyd
1 Cavia aperea 1 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 1 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys Iuri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_139 0 ==> 1 Dasyprocta
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaemys mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 node_211 0 ==> 1 Acritophiomys bo
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Birbalomys sonda 0 --> (01) (with terminal)
1 Tamquammys di spi 0 --> (01) (with terminal)
1 Chapattimys wils 0 --> (01) (with terminal)
1 Ottomaniaproavi 0 --> (01) (with terminal)
1 Bugtimys zafarul 0 --> (01) (with terminal)
1 Hodsahibi azrae 0 --> (01) (with terminal)
1 'Waslamys' attia 0 --> (01) (with terminal)
1 Phiomys hammudai 0 --> (01) (with terminal)
1 Cachi yacuy conta 0 --> (01) (with terminal)
1 Eoespina woodi -E 0 --> (01) (with terminal)
1 Canaanimys maqui 0 --> (01) (with terminal)
1 Protosteirromys m 0 --> (01) (with terminal)
1 Eosteirromys homo 0 --> (01) (with terminal)
1 Brani samyopsis a 0 --> (01) (with terminal)
1 Neosteirromys pat 0 --> (01) (with terminal)
1 Steirromys detent 0 --> (01) (with terminal)
1 Hypsosteirromys a 0 --> (01) (with terminal)
1 Palaeosteirromys 0 --> (01) (with terminal)
1 Australoprocta f 0 --> (01) (with terminal)
1 Luantus propheti 0 --> (01) (with terminal)
1 Asteromys punctu 0 --> (01) (with terminal)
1 Perimys intermed 0 --> (01) (with terminal)
1 Brani samys luri b 0 --> (01) (with terminal)
1 Eoincamys pascua 0 --> (01) (with terminal)
1 Microscleromys p 0 --> (01) (with terminal)
1 Scleromys quadra 0 --> (01) (with terminal)
1 Scleromys angust 0 --> (01) (with terminal)
1 Drytomomys aequa 0 --> (01) (with terminal)
1 Potamarchus muri 0 --> (01) (with terminal)
1 node_148 0 --> 1 node_147
1 Neopeblima ambr 1 --> (01) (with terminal)
1 node_146 1 --> 0 Chinchilla lanig
1 Scleromys osborn 0 --> (01) (with terminal)
1 Garri domys curnu 0 --> (01) (with terminal)
1 Eoviscaccia fras 0 --> (01) (with terminal)
1 Eoviscaccia aust 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> (01) (with terminal)
1 Chambi ramys ship 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Chambi ramys syl v 0 --> (01) (with terminal)
1 Eoincamys val ver 0 --> (01) (with terminal)
1 Eoincamys ameghi 0 --> (01) (with terminal)
1 Draconomys verai 0 --> (01) (with terminal)
1 Leucokephalos ze 0 --> (01) (with terminal)
1 Platypittamys br 0 --> (01) (with terminal)
1 Deseadomys aramb 0 --> (01) (with terminal)
1 Acaremys murinus 0 --> (01) (with terminal)
1 Sci amys principa 0 --> (01) (with terminal)
1 Galileomys euryg 0 --> (01) (with terminal)
1 Willidewu estepa 0 --> (01) (with terminal)
1 Maruchito trilof 0 --> (01) (with terminal)
1 Protadelphomys l 0 --> (01) (with terminal)
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Neophanomys bipl 0 --> (01) (with terminal)
1 Pi thanotomys col 0 --> (01) (with terminal)
1 Adelphomys candi 0 --> (01) (with terminal)
1 Prostichomys bow 0 --> (01) (with terminal)
1 Stichomys regula 0 --> (01) (with terminal)
1 Dudumus rui gomez 0 --> (01) (with terminal)
1 Pampamys emmonsa 0 --> (01) (with terminal)
1 Caviocricetus lu 0 --> (01) (with terminal)
1 Plesi acarechimy 0 --> (01) (with terminal)
1 Sal lamys pascual 0 --> (01) (with terminal)
1 Mayomys confluen 0 --> (01) (with terminal)
1 Eosal lamys paula 0 --> (01) (with terminal)
1 Shapaj amys laboc 0 --> (01) (with terminal)
1 Eobrani samys rom 0 --> (01) (with terminal)
1 Eobrani samys jav 0 --> (01) (with terminal)

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Hsearch_Consensus.out

1 Pozomys ucayal i e 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 469 (*Devel opment) 0. 250
 2 Archetypomys erl 1 --> (012) (wi thi n
 termi nal)
 2 Tri bosphenomys m 1 --> (012) (wi thi n
 termi nal)
 1 node_218 1 --> 2 Cocomys ligchaen
 2 Reithroparamys d 1 --> (012) (wi thi n
 termi nal)
 2 Birbal omys sonda 1 --> (012) (wi thi n
 termi nal)
 2 Tamquammys di spi 1 --> (012) (wi thi n
 termi nal)
 2 Chapattimys wil s 1 --> (012) (wi thi n
 termi nal)
 2 Ottomani a proavi 1 --> (012) (wi thi n
 termi nal)
 2 Bugtimys zafarul 1 --> (012) (wi thi n
 termi nal)
 2 Hodsahi bi a azrae 1 --> (012) (wi thi n
 termi nal)
 2 'Wasl amys' attia 1 --> (012) (wi thi n
 termi nal)
 2 Phi omys hammudai 1 --> (012) (wi thi n
 termi nal)
 2 Cachi yacuy conta 1 --> (012) (wi thi n
 termi nal)
 2 Eoespi na woodi -E 1 --> (012) (wi thi n
 termi nal)
 2 Canaani mys maqui 1 --> (012) (wi thi n
 termi nal)
 1 node_141 1 --> 2 node_130
 2 Protostei romys m 2 --> (012) (wi thi n
 termi nal)
 2 Eostei romys homo 2 --> (012) (wi thi n
 termi nal)
 2 Brani samyopsi s a 2 --> (012) (wi thi n
 termi nal)
 2 Neostei romys pat 2 --> (012) (wi thi n
 termi nal)
 2 Stei romys detent 2 --> (012) (wi thi n
 termi nal)
 2 Hypsostei romys a 2 --> (012) (wi thi n
 termi nal)
 2 Pal aeostei romys 1 --> (012) (wi thi n
 termi nal)
 1 node_141 1 --> 0 node_140
 2 Austral oprocta f 0 --> (012) (wi thi n
 termi nal)
 2 Luantus propheti 0 --> (012) (wi thi n
 termi nal)
 2 Asteromys punctu 0 --> (012) (wi thi n
 termi nal)
 2 Perimys intermed 0 --> (012) (wi thi n
 termi nal)
 2 Brani samys luri b 0 --> (012) (wi thi n
 termi nal)
 1 node_139 0 --> 1 Cunicul us paca-t
 2 Eoincamys pascua 1 --> (012) (wi thi n
 termi nal)
 2 Microscl eromys p 1 --> (012) (wi thi n
 termi nal)
 2 Scl eromys quadra 1 --> (012) (wi thi n

Hsearch_Consensus.out

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2 Scleromys angust 1 --> terminal
2 Scleromys angust 1 --> (012) (with in
terminal)
2 Drytomomys aequa 1 --> (012) (with in
terminal)
2 Potamarchus muri 1 --> (012) (with in
terminal)
2 Neoeptilema ambr 1 --> (012) (with in
terminal)
1 node_146 1 ==> 2 Chinchilla lanig
1 node_147 1 ==> 0 Lagostomus maxim
2 Scleromys osborn 1 --> (012) (with in
terminal)
2 Garri domys curnu 1 --> (012) (with in
terminal)
2 Eoviscaccia fras 1 --> (012) (with in
terminal)
2 Eoviscaccia aust 1 --> (012) (with in
terminal)
2 Scleromys praecu 1 --> (012) (with in
terminal)
2 Chambi ramys ship 1 --> (012) (with in
terminal)
2 Eoincamys parvus 1 --> (012) (with in
terminal)
2 Chambi ramys sylv 1 --> (012) (with in
terminal)
2 Eoincamys valver 1 --> (012) (with in
terminal)
2 Eoincamys ameghi 1 --> (012) (with in
terminal)
1 node_195 1 --> 2 node_194
2 Draconomys verai 2 --> (012) (with in
terminal)
2 Leucokephalos ze 2 --> (012) (with in
terminal)
2 Platypittamys br 2 --> (012) (with in
terminal)
2 Deseadomys aramb 2 --> (012) (with in
terminal)
2 Acaremys murinus 2 --> (012) (with in
terminal)
2 Sci amys principa 2 --> (012) (with in
terminal)
2 Galileomys euryg 2 --> (012) (with in
terminal)
2 Willidewu estepa 2 --> (012) (with in
terminal)
2 Maruchito trilof 2 --> (012) (with in
terminal)
2 Protadelphomys l 2 --> (012) (with in
terminal)
2 Xenodontomys sim 2 --> (012) (with in
terminal)
2 Neophanomys bipl 2 --> (012) (with in
terminal)
2 Pithanotomys col 2 --> (012) (with in
terminal)
1 node_183 2 --> 1 Abrocoma bennett
2 Adelphomys candi 2 --> (012) (with in
terminal)
2 Prosthomys bow 2 --> (012) (with in
terminal)
2 Stichomys regula 2 --> (012) (with in
terminal)
2 Dudumus rui gomez 2 --> (012) (with in
terminal)
2 Pampamys emmonsa 2 --> (012) (with in

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Hsearch_Consensus.out

			terminal)
2	Caviocricetus	lu 2 -->	(012) (with in terminal)
2	Plesiacaerchi	mys 2 -->	(012) (with in terminal)
2	Sallamys	pascual 2 -->	(012) (with in terminal)
2	Mayomys	confluen 1 -->	(012) (with in terminal)
2	Eosallamys	paula 1 -->	(012) (with in terminal)
2	Shapajamys	laboc 1 -->	(012) (with in terminal)
2	Eobrani	samys rom 1 -->	(012) (with in terminal)
2	Eobrani	samys jav 1 -->	(012) (with in terminal)
2	Pozomys	ucayalie 1 -->	(012) (with in terminal)
2	Tarapotomys	mayo 1 -->	(012) (with in terminal)
2	Tarapotomys	suba 1 -->	(012) (with in terminal)
2	Cachiyacuy	kumme 1 -->	(012) (with in terminal)
2	Metaphi	omys scha 1 -->	(012) (with in terminal)
2	Acritophi	omys bo 1 -->	(012) (with in terminal)
2	Baluchi	mys barry 1 -->	(012) (with in terminal)
470 (Development o)	1.000		
1	Archetypomys	erl 0 -->	(01) (with in terminal)
1	Tribosphenomys	m 0 -->	(01) (with in terminal)
1	Reithroparamys	d 0 -->	(01) (with in terminal)
1	Birbalomys	sonda 0 -->	(01) (with in terminal)
1	Tamquammys	dispi 0 -->	(01) (with in terminal)
1	Chapattimys	wils 0 -->	(01) (with in terminal)
1	Ottomani	a proavi 0 -->	(01) (with in terminal)
1	Bugtimys	zafarul 0 -->	(01) (with in terminal)
1	Hodsahibi	azrae 0 -->	(01) (with in terminal)
1	'Waslamys'	attia 0 -->	(01) (with in terminal)
1	Phiomys	hammudai 0 -->	(01) (with in terminal)
1	Cachiyacuy	conta 0 -->	(01) (with in terminal)
1	Eoespina	woodi-E 0 -->	(01) (with in terminal)
1	Canaani	mys maqui 0 -->	(01) (with in terminal)
1	Protosteir	omys m 0 -->	(01) (with in terminal)
1	Eosteir	omys homo 0 -->	(01) (with in terminal)
1	Brani	samyopsis a 0 -->	(01) (with in terminal)
1	Neosteir	omys pat 0 -->	(01) (with in terminal)
1	Steir	omys detent 0 -->	(01) (with in terminal)
1	Hypsosteir	omys a 0 -->	(01) (with in terminal)
1	Chaetomys	subspi 0 -->	(01) (with in terminal)
1	Palaeosteir	omys 0 -->	(01) (with in terminal)
1	Australoprocta	f 0 -->	(01) (with in terminal)
1	Luantus	propheti 0 -->	(01) (with in terminal)
1	Asteromys	punctu 0 -->	(01) (with in terminal)
1	Perimys	intermed 0 -->	(01) (with in terminal)
1	Neoreomys	austra 0 -->	(01) (with in terminal)
1	Brani	samys luri b 0 -->	(01) (with in terminal)
1	node_139	0 ==>	1 Dasyprocta
1	Eoincamys	pascua 0 -->	(01) (with in terminal)
1	Incamys	bolivian 0 -->	(01) (with in terminal)
1	Microscleromys	p 0 -->	(01) (with in terminal)
1	Scleromys	quadra 0 -->	(01) (with in terminal)
1	Scleromys	angust 0 -->	(01) (with in terminal)
1	Drytomomys	aequa 0 -->	(01) (with in terminal)
1	Potamarchus	muri 0 -->	(01) (with in terminal)
1	Diomys	branickei 0 -->	(01) (with in terminal)

Hsearch_Consensus.out

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1 Neoepelema ambr 0 --> (01) (with terminal)
1 Scleromys osborn 0 --> (01) (with terminal)
1 Garridomys curru 0 --> (01) (with terminal)
1 Eoviscaccia fras 0 --> (01) (with terminal)
1 Eoviscaccia aust 0 --> (01) (with terminal)
1 Scleromys praecu 0 --> (01) (with terminal)
1 Chambi ramys ship 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Chambi ramys sylv 0 --> (01) (with terminal)
1 Eoincamys valver 0 --> (01) (with terminal)
1 Eoincamys ameghi 0 --> (01) (with terminal)
1 Draconomys verai 0 --> (01) (with terminal)
1 Leucocephalos ze 0 --> (01) (with terminal)
1 Platypittamys br 0 --> (01) (with terminal)
1 Deseadomys aramb 0 --> (01) (with terminal)
1 Acaremys murinus 0 --> (01) (with terminal)
1 Sciameys principa 0 --> (01) (with terminal)
1 Galileomys euryg 0 --> (01) (with terminal)
1 Willidewu estepa 0 --> (01) (with terminal)
1 Prospaniomyis pri 0 --> (01) (with terminal)
1 Maruchito trilof 0 --> (01) (with terminal)
1 Protadelphomys l 0 --> (01) (with terminal)
1 Xenodontomys sim 0 --> (01) (with terminal)
1 Neophanomys bipl 0 --> (01) (with terminal)
1 Pithanotomys col 0 --> (01) (with terminal)
1 Adelphomys candi 0 --> (01) (with terminal)
1 Prostichomys bow 0 --> (01) (with terminal)
1 Stichomys regula 0 --> (01) (with terminal)
1 Dudumus rui gomez 0 --> (01) (with terminal)
1 Pampamys emmonsa 0 --> (01) (with terminal)
1 Caviocricetus lu 0 --> (01) (with terminal)
1 Plesiacaraechi mys 0 --> (01) (with terminal)
1 Sallamys pascual 0 --> (01) (with terminal)
1 Mayomys confluen 0 --> (01) (with terminal)
1 Eosallamys paula 0 --> (01) (with terminal)
1 Shapajamys laboc 0 --> (01) (with terminal)
1 Eobrani samys rom 0 --> (01) (with terminal)
1 Eobrani samys jav 0 --> (01) (with terminal)
1 Pozomys ucayalie 0 --> (01) (with terminal)
1 Tarapotomys mayo 0 --> (01) (with terminal)
1 Tarapotomys suba 0 --> (01) (with terminal)
1 Cachi yacuy kumme 0 --> (01) (with terminal)
1 Paraphiomyis pi go 0 --> (01) (with terminal)
1 Metaphiomyis scha 0 --> (01) (with terminal)
1 Acritophiomyis bo 0 --> (01) (with terminal)
1 Baluchimys barry 0 --> (01) (with terminal)
1 Archetypomys erl 0 --> (01) (with terminal)
1 Tribosphenomys m 0 --> (01) (with terminal)
1 Birbalomys sonda 0 --> (01) (with terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (with terminal)
1 Chapattimys wils 1 --> (01) (with terminal)
1 Ottomaniaproavi 1 --> (01) (with terminal)
1 Bugtimys zafarul 1 --> (01) (with terminal)
1 Hodsahibia azrae 1 --> (01) (with terminal)
1 'Waslamys' attia 1 --> (01) (with terminal)
1 Phiomyis hammudai 1 --> (01) (with terminal)
1 Cachi yacuy conta 1 --> (01) (with terminal)
1 Eoespina woodi -E 1 --> (01) (with terminal)
1 Canaanimys maqui 1 --> (01) (with terminal)
1 Protosteiromys m 1 --> (01) (with terminal)
1 Brani samyopsis a 1 --> (01) (with terminal)
1 node_126 1 ==> 0 node_125
1 Palaeosteiromys 1 --> (01) (with terminal)
1 Australoprocta f 1 --> (01) (with terminal)
1 node_137 1 --> 0 node_136
1 Luantus propheti 0 --> (01) (with terminal)
1 Asteromys punctu 0 --> (01) (with terminal)

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471 (Postorbital p) 0.077

Hsearch_Consensus.out

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1      node_131 0 --> 1 Dolichotis patag
1 Perimys intermed 0 --> (01) (with in terminal)
1 Eoincamys pascua 1 --> (01) (with in terminal)
1 Microscleromys p 1 --> (01) (with in terminal)
1      node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1      node_146 0 --> 1 Lagidium viscaci
1      node_147 0 --> 1 Lagostomus maxim
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 1 --> (01) (with in terminal)
1 Chambi ramys ship 1 --> (01) (with in terminal)
1 Eoincamys parvus 1 --> (01) (with in terminal)
1 Chambi ramys sylv 1 --> (01) (with in terminal)
1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 Draconomys verai 1 --> (01) (with in terminal)
1 Leucokephalos ze 1 --> (01) (with in terminal)
1 Deseadomys aramb 1 --> (01) (with in terminal)
1 Sci amys principa 1 --> (01) (with in terminal)
1 Galileomys euryg 1 --> (01) (with in terminal)
1 Willidewu estepa 1 --> (01) (with in terminal)
1      node_183 1 --> 0 node_182
1      node_168 0 ==> 1 Myocastor coypus
1 Maruchito trilof 0 --> (01) (with in terminal)
1      node_172 0 --> 1 Echimys chrysuru
1 Protadelphomys l 0 --> (01) (with in terminal)
1      node_175 0 --> 1 Mesocapromys/Mys
1      node_181 0 --> 1 node_178
1 Xenodontomys sim 1 --> (01) (with in terminal)
1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prostichomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocricetus lu 1 --> (01) (with in terminal)
1 Plesi carechi mys 1 --> (01) (with in terminal)
1 Sallamys pascual 1 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Shapajamys laboc 1 --> (01) (with in terminal)
1 Eobrani samys rom 1 --> (01) (with in terminal)
1 Eobrani samys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1      node_208 1 ==> 0 Paraphimys pigo
1 Metaphimys scha 1 --> (01) (with in terminal)
1 Baluchimys barry 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Phiomys hammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteiromys m 0 --> (01) (with in terminal)
1 Braniamyopsis a 0 --> (01) (with in terminal)
1 Erethizon dorsat 0 --> (01) (with in terminal)
1 node_129 0 ==> 1 Chaetomys subspi
1 Palaeosteiromys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Luantus propheti 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)
1 Hydrochoerus hyd 0 --> (01) (with in terminal)
1 Cavia aperea 0 --> (01) (with in terminal)
1 Galea spixii 0 --> (01) (with in terminal)
1 Perimys intermed 0 --> (01) (with in terminal)
1 node_140 0 ==> 1 node_139
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Dinomys branickei 0 --> (01) (with in terminal)
1 Neopibellama ambr 0 --> (01) (with in terminal)
1 Chinchilla lanig 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys ship 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys sylv 0 --> (01) (with in terminal)
1 Eoincamys valver 0 --> (01) (with in terminal)
1 Eoincamys ameghi 0 --> (01) (with in terminal)
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Sciomyz principa 0 --> (01) (with in terminal)
1 Galileomys euryg 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Spaniomyz ripari 0 --> (01) (with in terminal)
1 Proechiomyz cuvie 0 --> (01) (with in terminal)
1 Maruchito trilof 0 --> (01) (with in terminal)
1 Thrichomys apere 0 --> (01) (with in terminal)
1 Makalata didelph 0 --> (01) (with in terminal)
1 Protadelphomys l 0 --> (01) (with in terminal)
1 Euryzygomatomys 0 --> (01) (with in terminal)
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Neophanomys bipl 0 --> (01) (with in terminal)
1 Pi thanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prosti chomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Caviocrietus lu 0 --> (01) (with in terminal)
1 Ple siacarechi mys 0 --> (01) (with in terminal)
1 Sallamys pascual 0 --> (01) (with in terminal)
1 Mayomys confluen 0 --> (01) (with in terminal)
1 Eosallamys paula 0 --> (01) (with in terminal)
1 Shapajamys laboc 0 --> (01) (with in terminal)
1 Eobrani samys rom 0 --> (01) (with in terminal)
1 Eobrani samys jav 0 --> (01) (with in terminal)
1 Pozomys ucayalie 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

473 (Conformation) 0.500

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1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1      node_211 0 --> 1 Acri tophi omys bo
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
2 Bugti mys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 0 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 0 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
2 Protostei romys m 0 --> (012) (wi thi n
termi nal)
2 Eostei romys homo 0 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 0 --> (012) (wi thi n
termi nal)
2 Hypsostei romys a 0 --> (012) (wi thi n
termi nal)
2 Chaetomys subspi 0 --> (012) (wi thi n
termi nal)
2 Pal aeostei romys 0 --> (012) (wi thi n
termi nal)
2 Austral oprocta f 0 --> (012) (wi thi n
termi nal)
2 Luantus propheti 0 --> (012) (wi thi n
termi nal)
2 Asteromys punctu 0 --> (012) (wi thi n
termi nal)
2 Hydrochoerus hyd 0 --> (012) (wi thi n
termi nal)
2      Cavi a aperea 0 --> (012) (wi thi n
termi nal)
2      Gale a spi xi i 0 --> (012) (wi thi n
termi nal)
2 Peri mys i ntermed 0 --> (012) (wi thi n
termi nal)
1      node_140 0 ==> 1 node_139
2 Eoi ncamys pascua 0 --> (012) (wi thi n
termi nal)

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Hsearch_Consensus.out

2 *Micromys* p 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Scleromys* quadra 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Scleromys* angust 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Drytomomys* aequa 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Potamarchus* muri 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Diomys* branicki 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Neopibelema* ambr 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Chinchilla* lani g 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Scleromys* osborn 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Garriomys* curnu 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Eoviscaccia* fras 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Eoviscaccia* aust 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Scleromys* praecu 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Chambiramys* shi p 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Eoincamys* parvus 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Chambiramys* syl v 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Eoincamys* val ver 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Eoincamys* ameghi 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Draconomys* verai 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Leucokephalos* ze 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Deseadomys* aramb 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Sciomyis* pri nci pa 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Galileomys* euryg 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Willidewu* estepa 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Spaniomys* ri pari 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Proechimys* cuvie 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Maruchito* tril of 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Thrichomys* apere 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Makalata* di del ph 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Protadelphomys* l 0 --> (012) (w i t h i n
t e r m i n a l)
2 *Euryzygomatomys* 0 --> (012) (w i t h i n
t e r m i n a l)
1 node_182 0 --> 1 node_181
2 *Xenodontomys* si m 1 --> (012) (w i t h i n
t e r m i n a l)
2 *Neophanomys* bi pl 1 --> (012) (w i t h i n
t e r m i n a l)
2 *Pi thanotomys* col 1 --> (012) (w i t h i n

Hsearch_Consensus.out

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2 Octodon degus 1 --> terminal
2 Spalacopus cyanu 1 --> (012) (w i t h i n
terminal)
2 Adelphomys candi 0 --> (012) (w i t h i n
terminal)
2 Prostichomys bow 0 --> (012) (w i t h i n
terminal)
2 Stichomys regula 0 --> (012) (w i t h i n
terminal)
2 Dudumus rui gomez 0 --> (012) (w i t h i n
terminal)
2 Pampamys emmonsa 0 --> (012) (w i t h i n
terminal)
2 Caviocricetus lu 0 --> (012) (w i t h i n
terminal)
2 Plesiacarechymys 0 --> (012) (w i t h i n
terminal)
2 Sallamys pascual 0 --> (012) (w i t h i n
terminal)
2 Mayomys confluen 0 --> (012) (w i t h i n
terminal)
2 Eosallamys paula 0 --> (012) (w i t h i n
terminal)
2 Shapajamys laboc 0 --> (012) (w i t h i n
terminal)
2 Eobrani samys rom 0 --> (012) (w i t h i n
terminal)
2 Eobrani samys jav 0 --> (012) (w i t h i n
terminal)
2 Pozomys ucayalie 0 --> (012) (w i t h i n
terminal)
2 Tarapotomys mayo 0 --> (012) (w i t h i n
terminal)
2 Tarapotomys suba 0 --> (012) (w i t h i n
terminal)
2 Cachi yacuy kumme 0 --> (012) (w i t h i n
terminal)
2 node_209 0 --> 2 node_208
2 Paraphiomys pi go 2 --> (012) (w i t h i n
terminal)
2 Metaphiomys scha 0 --> (012) (w i t h i n
terminal)
2 Baluchimys barry 0 --> (012) (w i t h i n
terminal)
474 (Frontal proce) 0.111
1 Archetypomys erl 0 --> (01) (w i t h i n terminal)
1 Tribosphenomys m 0 --> (01) (w i t h i n terminal)
1 Comomys ligchaen 0 --> (01) (w i t h i n terminal)
1 Birbalomys sonda 0 --> (01) (w i t h i n terminal)
1 Tamquammys dispi 0 --> (01) (w i t h i n terminal)
1 Chapattimys wils 0 --> (01) (w i t h i n terminal)
1 Ottomaniaproavi 0 --> (01) (w i t h i n terminal)
1 Bugtimys zafarul 0 --> (01) (w i t h i n terminal)
1 Hodsahibia azrae 0 --> (01) (w i t h i n terminal)
1 'Waslamys' attia 0 --> (01) (w i t h i n terminal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (w i t h i n terminal)
1 Cachi yacuy conta 1 --> (01) (w i t h i n terminal)
1 Eoespina woodi -E 1 --> (01) (w i t h i n terminal)
1 Canaanimys maqui 1 --> (01) (w i t h i n terminal)
1 Protosteiromys m 1 --> (01) (w i t h i n terminal)
1 Eosteiromys homo 1 --> (01) (w i t h i n terminal)
1 Brani samyopsis a 1 --> (01) (w i t h i n terminal)
1 node_126 1 --> 0 node_125
1 Steiromys detent 1 --> (01) (w i t h i n terminal)
1 Palaeosteiromys 1 --> (01) (w i t h i n terminal)
1 node_141 1 --> 0 node_140

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Hsearch_Consensus.out

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1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 node_131 0 --> 1 Dolichotis patag
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 node_137 0 --> 1 Neoreomys austra
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 node_148 1 --> 0 node_145
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platyptamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 node_171 1 ==> 0 Thrichomys apere
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 node_180 1 --> 0 node_179
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Pleiacarechymys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophomys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protostei romys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eostei romys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Stei romys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeostei romys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l )
1 node_198 0 --> 1 node_197
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys branic ki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 node_147 1 --> 0 node_146
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 1 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 node_181 1 --> 0 node_178
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteir omys m 0 --> (01) (wi thi n termi nal)
 1 Eosteir omys homo 0 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
 1 Steir omys detent 0 --> (01) (wi thi n termi nal)
 1 Pal aeosteir omys 0 --> (01) (wi thi n termi nal)
 1 Australoprocta f 0 --> (01) (wi thi n termi nal)
 1 Luantus propheti 0 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
 1 Perimys intermed 0 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
 1 Microscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
 1 Platyptamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)

476 (Inferior juga) 0.333

Hsearch_Consensus.out

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1 node_187 0 --> 1 node_186
1 node_168 1 ==> 0 Myocastor coypus
1 Maruchi to trilof 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
2 Archetypomys erl 0 --> (012) (wi thi n
termi nal)
2 Tri bosphenomys m 0 --> (012) (wi thi n
termi nal)
2 Cocomys ligchaen 0 --> (012) (wi thi n
termi nal)
2 Rei throparamys d 0 --> (012) (wi thi n
termi nal)
2 Bi rbal omys sonda 0 --> (012) (wi thi n
termi nal)
2 Tamquammys di spi 0 --> (012) (wi thi n
termi nal)
2 Chapatti mys wi ls 0 --> (012) (wi thi n
termi nal)
2 Ottomani a proavi 0 --> (012) (wi thi n
termi nal)
2 Bugti mys zafarul 0 --> (012) (wi thi n
termi nal)
2 Hodsahi bi a azrae 0 --> (012) (wi thi n
termi nal)
2 'Wasl amys' atti a 0 --> (012) (wi thi n
termi nal)
2 Phi omys hammudai 0 --> (012) (wi thi n
termi nal)
2 Cachi yacuy conta 0 --> (012) (wi thi n
termi nal)
2 Eoespi na woodi -E 0 --> (012) (wi thi n
termi nal)
2 Canaani mys maqui 0 --> (012) (wi thi n
termi nal)
2 Protoste i romys m 0 --> (012) (wi thi n
termi nal)
2 Eoste i romys homo 0 --> (012) (wi thi n
termi nal)
2 Brani samyopsi s a 0 --> (012) (wi thi n
termi nal)
2 Neoste i romys pat 0 --> (012) (wi thi n
termi nal)
2 Erethi zon dorsat 0 --> (012) (wi thi n

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477 (*Posi ti on of) 0.667

Hsearch_Consensus.out

2 Coendou prehensi 0 --> terminal
(012) (with in
terminal)
2 Stei romys detent 0 --> (012) (with in
terminal)
2 Hypsostei romys a 0 --> (012) (with in
terminal)
2 Chaetomys subspi 0 --> (012) (with in
terminal)
2 Pal aeostei romys 0 --> (012) (with in
terminal)
2 Australoprocta f 0 --> (012) (with in
terminal)
2 Luantus propheti 0 --> (012) (with in
terminal)
2 Asteromys punctu 0 --> (012) (with in
terminal)
2 Dolichotis patag 0 --> (012) (with in
terminal)
2 Hydrochoerus hyd 0 --> (012) (with in
terminal)
2 Cavia aperea 0 --> (012) (with in
terminal)
2 Galea spixii 0 --> (012) (with in
terminal)
2 Perimys intermed 0 --> (012) (with in
terminal)
2 Neoreomys austra 0 --> (012) (with in
terminal)
2 Brani samys luri b 0 --> (012) (with in
terminal)
2 Dasyprocta 0 --> (012) (with in
terminal)
2 Cuniculus paca-t 0 --> (012) (with in
terminal)
2 Eoincamys pascua 0 --> (012) (with in
terminal)
2 Incamys bolivi an 0 --> (012) (with in
terminal)
2 Microscleromys p 0 --> (012) (with in
terminal)
2 Scleromys quadra 0 --> (012) (with in
terminal)
2 Scleromys angust 0 --> (012) (with in
terminal)
2 Drytomomys aequa 0 --> (012) (with in
terminal)
2 Potamarchus muri 0 --> (012) (with in
terminal)
2 Dinomys branic ki 0 --> (012) (with in
terminal)
2 Neoepi blema ambr 0 --> (012) (with in
terminal)
2 Chinchilla lani g 0 --> (012) (with in
terminal)
2 Lagidium viscaci 0 --> (012) (with in
terminal)
2 Lagostomus maxi m 0 --> (012) (with in
terminal)
2 Scleromys osborn 0 --> (012) (with in
terminal)
2 Garri domys curnu 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in

Hsearch_Consensus.out

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2 Chambi ramys shi p 0 --> terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
2 Draconomys verai 0 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 0 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Aca remys muri nus 0 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
terminal)
2 Gal ileomys euryg 0 --> (012) (wi thi n
terminal)
2 Wi lli dewu estepa 0 --> (012) (wi thi n
terminal)
2 Prospani omys pri 0 --> (012) (wi thi n
terminal)
1 node_183 0 --> 1 node_182
2 Myocastor coypus 1 --> (012) (wi thi n
terminal)
2 Maruchi to tri lof 1 --> (012) (wi thi n
terminal)
2 Thri chomys apere 1 --> (012) (wi thi n
terminal)
1 node_172 1 ==> 2 Echi mys chrysuru
1 node_176 1 --> 2 node_175
2 Protadel phomys l 2 --> (012) (wi thi n
terminal)
2 Euryzygomatomys 2 --> (012) (wi thi n
terminal)
2 Xenodontomys si m 1 --> (012) (wi thi n
terminal)
2 Ctenomys bol i vie 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n
terminal)
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spal acopus cyanu 1 --> (012) (wi thi n
terminal)
2 Adel phomys candi 0 --> (012) (wi thi n
terminal)
2 Prosti chomys bow 0 --> (012) (wi thi n
terminal)
2 Sti chomys regul a 0 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 0 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
terminal)
2 Cavi ocricetus lu 0 --> (012) (wi thi n
terminal)
2 Pl esi aca rech i mys 0 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

2	Sallamys pascual	0	-->	(012)	(wi thin terminal)
2	Mayomys confluen	0	-->	(012)	(wi thin terminal)
2	Eosallamys paula	0	-->	(012)	(wi thin terminal)
2	Shapajamys laboc	0	-->	(012)	(wi thin terminal)
2	Eobrani samys rom	0	-->	(012)	(wi thin terminal)
2	Eobrani samys jav	0	-->	(012)	(wi thin terminal)
2	Pozomys ucayalie	0	-->	(012)	(wi thin terminal)
2	Tarapotomys mayo	0	-->	(012)	(wi thin terminal)
2	Tarapotomys suba	0	-->	(012)	(wi thin terminal)
2	Cachiyacuy kumme	0	-->	(012)	(wi thin terminal)
2	Thryonomys swind	0	-->	(012)	(wi thin terminal)
2	Paraphi omys pi go	0	-->	(012)	(wi thin terminal)
2	Metaphi omys scha	0	-->	(012)	(wi thin terminal)
2	Acritophi omys bo	0	-->	(012)	(wi thin terminal)
2	Baluchimys barry	0	-->	(012)	(wi thin terminal)
478 (Depth of the) 0.250	1	Archetypomys erl	0	-->	(01) (wi thin terminal)
	1	Tri bosphenomys m	0	-->	(01) (wi thin terminal)
	1	Cocomys ligchaen	0	-->	(01) (wi thin terminal)
	1	Birbalomys sonda	0	-->	(01) (wi thin terminal)
	1	Tamquammys di spi	0	-->	(01) (wi thin terminal)
	1	Chapattimys wils	0	-->	(01) (wi thin terminal)
	1	Ottomani a proavi	0	-->	(01) (wi thin terminal)
	1	Bugtimys zafarul	0	-->	(01) (wi thin terminal)
	1	Hodsahibi a azrae	0	-->	(01) (wi thin terminal)
	1	'Waslamys' attia	0	-->	(01) (wi thin terminal)
	1	Phi omys hammudai	0	-->	(01) (wi thin terminal)
	1	Cachiyacuy conta	0	-->	(01) (wi thin terminal)
	1	Eoespina woodi -E	0	-->	(01) (wi thin terminal)
	1	Canaanimys maqui	0	-->	(01) (wi thin terminal)
	1	Protostei romys m	0	-->	(01) (wi thin terminal)
	1	Eostei romys homo	0	-->	(01) (wi thin terminal)
	1	Brani samyopsi s a	0	-->	(01) (wi thin terminal)
	1	Stei romys detent	0	-->	(01) (wi thin terminal)
	1	Palaeostei romys	0	-->	(01) (wi thin terminal)
	1	Australoprocta f	0	-->	(01) (wi thin terminal)
	1	Luantus propheti	0	-->	(01) (wi thin terminal)
	1	Asteromys punctu	0	-->	(01) (wi thin terminal)
	1	Perimys intermed	0	-->	(01) (wi thin terminal)
	1	Neoreomys austra	0	-->	(01) (wi thin terminal)
	1	Brani samys luri b	0	-->	(01) (wi thin terminal)
	1	Eoincamys pascua	0	-->	(01) (wi thin terminal)
	1	Incamys bolivian	0	-->	(01) (wi thin terminal)
	1	Microscleromys p	0	-->	(01) (wi thin terminal)
	1	Scleromys quadra	0	-->	(01) (wi thin terminal)
	1	Scleromys angust	0	-->	(01) (wi thin terminal)
	1	Drytomomys aequa	0	-->	(01) (wi thin terminal)
	1	Potamarchus muri	0	-->	(01) (wi thin terminal)
	1	Neoepiblema ambr	0	-->	(01) (wi thin terminal)
	1	Scleromys osborn	0	-->	(01) (wi thin terminal)
	1	Garri domys curnu	0	-->	(01) (wi thin terminal)
	1	Eoviscaccia fras	0	-->	(01) (wi thin terminal)
	1	Eoviscaccia aust	0	-->	(01) (wi thin terminal)
	1	Scleromys praecu	0	-->	(01) (wi thin terminal)

Hsearch_Consensus.out

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1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_187 0 --> 1 node_186
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 node_175 1 --> 0 node_174
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 node_180 1 ==> 0 Spal acopus cyanu
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)

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479 (Length of the) 0.333

Hsearch_Consensus.out

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1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Dolichotis patag 0 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 0 --> (01) (wi thi n termi nal)
1   Cavia aperea 0 --> (01) (wi thi n termi nal)
1   Galea spixii 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1   Dasyprocta 0 --> (01) (wi thi n termi nal)
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branic ki 0 --> (01) (wi thi n termi nal)
1 Neoepiblema ambr 0 --> (01) (wi thi n termi nal)
1 Chinchilla lani g 0 --> (01) (wi thi n termi nal)
1 Lagidium viscaci 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sciamys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1   node_182 0 --> 1 node_181
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1   node_180 1 --> 0 Spalacopus cyanu
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prostichomys bow 0 --> (01) (wi thi n termi nal)
1 Stichomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi carechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1   node_209 0 --> 1 node_208
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)

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480 (Development o) 1.000

Hsearch_Consensus.out

1 Metaphiomys schab 0 --> (01) (withn terminal)
1 Acritophiomys bo 0 --> (01) (withn terminal)
1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys erl 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys di spi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Ottomaniaproavi 0 --> (01) (withn terminal)
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Hodsahibi azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomys hammudai 0 --> (01) (withn terminal)
1 Cachi yacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Brani samyopsis a 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 Australoprocta f 0 --> (01) (withn terminal)
1 Luantus propheti 0 --> (01) (withn terminal)
1 Asteromys punctu 0 --> (01) (withn terminal)
1 Perimys intermed 0 --> (01) (withn terminal)
1 Brani samys luri b 0 --> (01) (withn terminal)
1 node_139 0 ==> 1 Cuniculus paca-t
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivi an 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Neoepiblema ambr 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys shi p 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys syl v 0 --> (01) (withn terminal)
1 Eoincamys val ver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sci amys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)
1 Adelphomys candi 0 --> (01) (withn terminal)
1 Prosti chomys bow 0 --> (01) (withn terminal)
1 Stichomys regula 0 --> (01) (withn terminal)
1 Dudumus rui gomez 0 --> (01) (withn terminal)
1 Pampamys emmonsa 0 --> (01) (withn terminal)
1 Caviocri cetus lu 0 --> (01) (withn terminal)
1 Plesi acarechi mys 0 --> (01) (withn terminal)
1 Mayomys confluen 0 --> (01) (withn terminal)
1 Eosal lamys paula 0 --> (01) (withn terminal)
1 Shapaj amys laboc 0 --> (01) (withn terminal)
1 Eobrani samys rom 0 --> (01) (withn terminal)
1 Eobrani samys jav 0 --> (01) (withn terminal)

Hsearch_Consensus.out

1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 481 (*Development) 0.400
 2 Archetypomys erl 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tri bosphenomys m 0 --> (012) (w i t h i n t e r m i n a l)
 2 Rei throparamys d 0 --> (012) (w i t h i n t e r m i n a l)
 2 Bi rbal omys sonda 0 --> (012) (w i t h i n t e r m i n a l)
 2 Tamquammys di spi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Chapattimys wi ls 0 --> (012) (w i t h i n t e r m i n a l)
 2 Ottomani a proavi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Bugtimys zafarul 0 --> (012) (w i t h i n t e r m i n a l)
 2 Hodsahi bi a azrae 0 --> (012) (w i t h i n t e r m i n a l)
 2 'Waslamys' attia 0 --> (012) (w i t h i n t e r m i n a l)
 2 Phi omys hammudai 0 --> (012) (w i t h i n t e r m i n a l)
 2 Cachi yacuy conta 0 --> (012) (w i t h i n t e r m i n a l)
 2 Eoespi na woodi -E 0 --> (012) (w i t h i n t e r m i n a l)
 2 Canaani mys maqui 0 --> (012) (w i t h i n t e r m i n a l)
 2 Protostei romys m 0 --> (012) (w i t h i n t e r m i n a l)
 2 Eostei romys homo 0 --> (012) (w i t h i n t e r m i n a l)
 2 Brani samyopsi s a 0 --> (012) (w i t h i n t e r m i n a l)
 2 Neostei romys pat 0 --> (012) (w i t h i n t e r m i n a l)
 2 Stei romys detent 0 --> (012) (w i t h i n t e r m i n a l)
 2 Hypsostei romys a 0 --> (012) (w i t h i n t e r m i n a l)
 2 Chaetomys subspi 0 --> (012) (w i t h i n t e r m i n a l)
 2 Pal aeostei romys 0 --> (012) (w i t h i n t e r m i n a l)
 2 node_141 0 ==> 2 node_140
 2 Australoprocta f 2 --> (012) (w i t h i n t e r m i n a l)
 2 Luantus propheti 2 --> (012) (w i t h i n t e r m i n a l)
 2 Asteromys punctu 2 --> (012) (w i t h i n t e r m i n a l)
 2 Dol ichoti s patag 2 --> (012) (w i t h i n t e r m i n a l)
 2 Perimys i ntermed 2 --> (012) (w i t h i n t e r m i n a l)
 2 Neoreomys austra 2 --> (012) (w i t h i n t e r m i n a l)
 2 Brani samys luri b 2 --> (012) (w i t h i n t e r m i n a l)
 2 Eoi ncamys pascua 0 --> (012) (w i t h i n t e r m i n a l)
 2 I ncamys bol i vi an 0 --> (012) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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2 Microscleromys p 0 --> terminal)
2 Scleromys quadra 0 --> (012) (with in
terminal)
2 Scleromys angust 0 --> (012) (with in
terminal)
2 Drytomomys aequa 0 --> (012) (with in
terminal)
2 Potamarchus muri 0 --> (012) (with in
terminal)
1 node_148 0 ==> 1 node_147
2 Neoeptiblenema ambr 1 --> (012) (with in
terminal)
2 Scleromys osborn 0 --> (012) (with in
terminal)
2 Garri domys curru 0 --> (012) (with in
terminal)
2 Eoviscaccia fras 0 --> (012) (with in
terminal)
2 Eoviscaccia aust 0 --> (012) (with in
terminal)
2 Scleromys praecu 0 --> (012) (with in
terminal)
2 Chambi ramys shi p 0 --> (012) (with in
terminal)
2 Eoincamys parvus 0 --> (012) (with in
terminal)
2 Chambi ramys syl v 0 --> (012) (with in
terminal)
2 Eoincamys val ver 0 --> (012) (with in
terminal)
2 Eoincamys ameghi 0 --> (012) (with in
terminal)
2 Draconomys verai 0 --> (012) (with in
terminal)
2 Leucokephalos ze 0 --> (012) (with in
terminal)
2 Platypittamys br 0 --> (012) (with in
terminal)
2 Deseadomys aramb 0 --> (012) (with in
terminal)
2 Acaemys murinus 0 --> (012) (with in
terminal)
2 Sci amys pri nci pa 0 --> (012) (with in
terminal)
2 Galileomys euryg 0 --> (012) (with in
terminal)
2 Willidewu estepa 0 --> (012) (with in
terminal)
2 Prospani omys pri 0 --> (012) (with in
terminal)
2 Maruchito trilof 0 --> (012) (with in
terminal)
2 Xenodontomys sim 0 --> (012) (with in
terminal)
2 Neophanomys bi pl 0 --> (012) (with in
terminal)
2 Pi thanotomys col 0 --> (012) (with in
terminal)
2 Octodon degus 0 --> (012) (with in
terminal)
2 Spalacopus cyanu 0 --> (012) (with in
terminal)
2 node_183 0 ==> 2 Abrocoma bennett
2 Adelphomys candi 0 --> (012) (with in
terminal)
2 Prosti chomys bow 0 --> (012) (with in

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Hsearch_Consensus.out

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2 Stichomys regula 0 --> terminal
2 Dudumys rui gomez 0 --> (012) (with in terminal)
2 Pampamys emmonsa 0 --> (012) (with in terminal)
2 Caviocricetus lu 0 --> (012) (with in terminal)
2 Pleisiacarechymys 0 --> (012) (with in terminal)
2 Sallamys pascual 0 --> (012) (with in terminal)
2 Mayomys confluen 0 --> (012) (with in terminal)
2 Eosallamys paula 0 --> (012) (with in terminal)
2 Shapajamys laboc 0 --> (012) (with in terminal)
2 Eobrani samys rom 0 --> (012) (with in terminal)
2 Eobrani samys jav 0 --> (012) (with in terminal)
2 Pozomys ucayalie 0 --> (012) (with in terminal)
2 Tarapotomys mayo 0 --> (012) (with in terminal)
2 Tarapotomys suba 0 --> (012) (with in terminal)
2 Cachi yacuy kumme 0 --> (012) (with in terminal)
2 Paraphiomyys pi go 0 --> (012) (with in terminal)
2 Metaphiomyys scha 0 --> (012) (with in terminal)
2 Acritophiomyys bo 0 --> (012) (with in terminal)
2 Baluchimys barry 0 --> (012) (with in terminal)
482 (Association b) 0.500
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys dispi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomyys hammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 node_198 0 --> 1 node_141
1 Protosteioromys m 1 --> (01) (with in terminal)
1 Eosteioromys homo 1 --> (01) (with in terminal)
1 Brani samyopsis a 1 --> (01) (with in terminal)
1 Neosteioromys pat 1 --> (01) (with in terminal)
1 Erethizon dorsat 1 --> (01) (with in terminal)
1 Coendou prehensi 1 --> (01) (with in terminal)
1 Steioromys detent 1 --> (01) (with in terminal)
1 Hypsosteioromys a 1 --> (01) (with in terminal)
1 Chaetomys subspi 1 --> (01) (with in terminal)
1 Palaeosteioromys 1 --> (01) (with in terminal)
1 Australoprocta f 1 --> (01) (with in terminal)
1 Luantus propheti 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1      node_139 1 --> 0 Dasypsecta
1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Dinomys branickei 0 --> (01) (wi thi n termi nal)
1 Neopiblema ambr 0 --> (01) (wi thi n termi nal)
1 Lagostomus maxim 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 0 --> (01) (wi thi n termi nal)
1 Platypittamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys principa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1 Myocastor coypus 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Mesocapromys/Mys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1      Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1      node_183 0 --> 1 Abrocoma bennett
1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swind 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys eri 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steioromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteioromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciamys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_173 0 ==> 1 node_171
1 node_168 1 ==> 0 Spaniomys ripari
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimys chysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Ctenomys bolivie 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 --> 1 node_208
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Rei throparamys d 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Palaeostei romys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_133 0 ==> 1 node_132
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 0 --> (01) (wi thi n termi nal)
1 Microscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia fras 0 --> (01) (wi thi n termi nal)
1 Eovi scaccia aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)

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484 (Exposure of t) 1.000

Hsearch_Consensus.out

1 Platypittamys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaemys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Prospaniomys pri 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 3 Archetypomys erl 2 --> (0123) (wi thi n termi nal)
 3 Tri bosphenomys m 2 --> (0123) (wi thi n termi nal)
 3 Cocomys ligchaen 2 --> (0123) (wi thi n termi nal)
 3 Rei throparamys d 2 --> (0123) (wi thi n termi nal)
 3 Bi rbal omys sonda 2 --> (0123) (wi thi n termi nal)
 3 Tamquammys di spi 2 --> (0123) (wi thi n termi nal)
 3 Chapatti mys wi ls 2 --> (0123) (wi thi n termi nal)
 3 Ottomani a proavi 2 --> (0123) (wi thi n termi nal)
 3 Bugti mys zafarul 2 --> (0123) (wi thi n termi nal)
 3 Hodsahi bi a azrae 2 --> (0123) (wi thi n termi nal)
 3 'Wasl amys' atti a 2 --> (0123) (wi thi n termi nal)
 3 Phi omys hammudai 2 --> (0123) (wi thi n termi nal)
 3 Cachi yacuy conta 2 --> (0123) (wi thi n termi nal)
 3 Eoespi na woodi -E 2 --> (0123) (wi thi n termi nal)
 3 Canaani mys maqui 2 --> (0123) (wi thi n termi nal)
 1 node_141 2 --> 3 node_130
 3 Protostei romys m 3 --> (0123) (wi thi n termi nal)
 3 Eostei romys homo 3 --> (0123) (wi thi n termi nal)

485 (*Posi ti on of) 0.231

Hsearch_Consensus.out

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3 Brani samyopsi s a 3 --> terminal)
3 Neosteioromys pat 3 --> (0123) (with in
terminal)
1 node_125 3 --> 2 Coendou prehensi
3 Hypsosteioromys a 3 --> (0123) (with in
terminal)
3 Chaetomys subspi 3 --> (0123) (with in
terminal)
3 Palaeosteioromys 2 --> (0123) (with in
terminal)
2 node_140 2 --> 0 node_138
3 Australoprocta f 0 --> (0123) (with in
terminal)
3 Luantus propheti 0 --> (0123) (with in
terminal)
3 Asteromys punctu 0 --> (0123) (with in
terminal)
3 Dolichotis patag 0 --> (0123) (with in
terminal)
3 Hydrochoerus hyd 0 --> (0123) (with in
terminal)
3 Galea spixii 0 --> (0123) (with in
terminal)
3 Perimys intermed 0 --> (0123) (with in
terminal)
3 Neoreomys austra 0 --> (0123) (with in
terminal)
3 Brani samys luri b 0 --> (0123) (with in
terminal)
1 node_139 2 ==> 3 Dasypsecta
1 node_195 2 --> 3 node_161
3 Eoincamys pascua 3 --> (0123) (with in
terminal)
3 Incamys bolivian 3 --> (0123) (with in
terminal)
3 Microscleromys p 3 --> (0123) (with in
terminal)
3 Scleromys quadra 3 --> (0123) (with in
terminal)
3 Scleromys angust 3 --> (0123) (with in
terminal)
3 Drytomomys aequa 3 --> (0123) (with in
terminal)
3 Potamarchus muri 3 --> (0123) (with in
terminal)
3 Neoeptiblenema ambr 3 --> (0123) (with in
terminal)
1 node_147 3 --> 2 node_146
3 Scleromys osborn 3 --> (0123) (with in
terminal)
3 Garridomys curnu 3 --> (0123) (with in
terminal)
3 Eoviscaccia fras 3 --> (0123) (with in
terminal)
3 Eoviscaccia aust 3 --> (0123) (with in
terminal)
3 Scleromys praecu 3 --> (0123) (with in
terminal)
3 Chambiramys ship 3 --> (0123) (with in
terminal)
3 Eoincamys parvus 3 --> (0123) (with in
terminal)
3 Chambiramys sylv 3 --> (0123) (with in
terminal)
3 Eoincamys valver 3 --> (0123) (with in
terminal)

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Hsearch_Consensus.out

3 Eoincamys ameghi 3 --> (0123) (wi thi n
 termi nal)
 3 Draconomys verai 2 --> (0123) (wi thi n
 termi nal)
 3 Leucokephal os ze 2 --> (0123) (wi thi n
 termi nal)
 3 Pl atypi ttamys br 2 --> (0123) (wi thi n
 termi nal)
 3 Deseadomys aramb 2 --> (0123) (wi thi n
 termi nal)
 3 Acaremys muri nus 2 --> (0123) (wi thi n
 termi nal)
 3 Sci amys pri nci pa 2 --> (0123) (wi thi n
 termi nal)
 3 Gal ileomys euryg 2 --> (0123) (wi thi n
 termi nal)
 3 Wi lli dewu estepa 2 --> (0123) (wi thi n
 termi nal)
 3 Prospani omys pri 2 --> (0123) (wi thi n
 termi nal)
 1 node_183 2 --> 1 node_182
 2 node_168 1 ==> 3 Myocastor coypus
 3 Maruchi to tril of 1 --> (0123) (wi thi n
 termi nal)
 1 node_173 1 ==> 0 node_172
 3 Protadel phomys l 1 --> (0123) (wi thi n
 termi nal)
 3 Euryzygomatomys 1 --> (0123) (wi thi n
 termi nal)
 1 node_181 1 --> 2 node_178
 3 Xenodontomys si m 2 --> (0123) (wi thi n
 termi nal)
 3 Neophanomys bi pl 2 --> (0123) (wi thi n
 termi nal)
 1 node_181 1 --> 0 node_180
 3 Pi thanotomys col 0 --> (0123) (wi thi n
 termi nal)
 3 Octodon degus 0 --> (0123) (wi thi n
 termi nal)
 3 Adel phomys candi 2 --> (0123) (wi thi n
 termi nal)
 3 Prosti chomys bow 2 --> (0123) (wi thi n
 termi nal)
 3 Sti chomys regul a 2 --> (0123) (wi thi n
 termi nal)
 3 Dudumus rui gomez 2 --> (0123) (wi thi n
 termi nal)
 3 Pampamys emmonsa 2 --> (0123) (wi thi n
 termi nal)
 3 Cavi ocricetus lu 2 --> (0123) (wi thi n
 termi nal)
 3 Pl esi acarechi mys 2 --> (0123) (wi thi n
 termi nal)
 3 Sal lamys pascual 2 --> (0123) (wi thi n
 termi nal)
 3 Mayomys confl uen 2 --> (0123) (wi thi n
 termi nal)
 3 Eosal lamys paul a 2 --> (0123) (wi thi n
 termi nal)
 3 Shapaj amys laboc 2 --> (0123) (wi thi n
 termi nal)
 3 Eobrani samys rom 2 --> (0123) (wi thi n
 termi nal)
 3 Eobrani samys j av 2 --> (0123) (wi thi n
 termi nal)
 3 Pozomys ucayal ie 2 --> (0123) (wi thi n
 termi nal)
 3 Tarapotomys mayo 2 --> (0123) (wi thi n

Hsearch_Consensus.out

3 Tarapotomys suba 2 --> terminal
 (0123) (with in terminal)
 3 Cachi yacuy kumme 2 --> (0123) (with in terminal)
 3 Paraphi omys pi go 2 --> (0123) (with in terminal)
 3 Metaphi omys scha 2 --> (0123) (with in terminal)
 3 Acri tophi omys bo 2 --> (0123) (with in terminal)
 3 Bal uchi mys barry 2 --> (0123) (with in terminal)
 2 Archetypomys erl 0 --> (012) (with in terminal)
 2 Tri bosphenomys m 0 --> (012) (with in terminal)
 2 node_218 0 --> 2 Cocomys ligchaen
 2 Rei throparamys d 0 --> (012) (with in terminal)
 2 Bi rbal omys sonda 0 --> (012) (with in terminal)
 2 Tamquammys di spi 0 --> (012) (with in terminal)
 2 Chapatti mys wi ls 0 --> (012) (with in terminal)
 2 Ottomani a proavi 0 --> (012) (with in terminal)
 2 Bugti mys zafarul 0 --> (012) (with in terminal)
 2 Hodsahi bi a azrae 0 --> (012) (with in terminal)
 2 'Wasl amys' atti a 0 --> (012) (with in terminal)
 2 Phi omys hammudai 0 --> (012) (with in terminal)
 2 Cachi yacuy conta 0 --> (012) (with in terminal)
 2 Eoespi na woodi -E 0 --> (012) (with in terminal)
 2 Canaani mys maqui 0 --> (012) (with in terminal)
 2 Protostei romys m 0 --> (012) (with in terminal)
 2 Eostei romys homo 0 --> (012) (with in terminal)
 2 Brani samyopsi s a 0 --> (012) (with in terminal)
 2 Neostei romys pat 0 --> (012) (with in terminal)
 1 node_125 0 ==> 1 Coendou prehensi
 2 Stei romys detent 0 --> (012) (with in terminal)
 2 Hypsostei romys a 0 --> (012) (with in terminal)
 2 Chaetomys subspi 0 --> (012) (with in terminal)
 2 Pal aeostei romys 0 --> (012) (with in terminal)
 2 Austral oprocta f 0 --> (012) (with in terminal)
 2 Luantus propheti 0 --> (012) (with in terminal)
 2 Asteromys punctu 0 --> (012) (with in terminal)
 2 Hydrochoerus hyd 0 --> (012) (with in terminal)
 2 Peri mys intermed 0 --> (012) (with in terminal)

Hsearch_Consensus.out

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2 Brani samys luri b 0 --> terminal)
2 Eoi ncamys pascua 0 --> (012) (wi thi n
terminal)
2 Incamys bol i vi an 0 --> (012) (wi thi n
terminal)
2 Mi croscl eromys p 0 --> (012) (wi thi n
terminal)
2 Scl eromys quadra 0 --> (012) (wi thi n
terminal)
2 Scl eromys angust 0 --> (012) (wi thi n
terminal)
2 Drytomomys aequa 0 --> (012) (wi thi n
terminal)
2 Potamarchus muri 0 --> (012) (wi thi n
terminal)
2 Neoepi blema ambr 0 --> (012) (wi thi n
terminal)
2 Scl eromys osborn 0 --> (012) (wi thi n
terminal)
2 Garri domys curnu 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a fras 0 --> (012) (wi thi n
terminal)
2 Eovi scacci a aust 0 --> (012) (wi thi n
terminal)
2 Scl eromys praecu 0 --> (012) (wi thi n
terminal)
2 Chambi ramys shi p 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys parvus 0 --> (012) (wi thi n
terminal)
2 Chambi ramys syl v 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys val ver 0 --> (012) (wi thi n
terminal)
2 Eoi ncamys ameghi 0 --> (012) (wi thi n
terminal)
2 Draconomys verai 0 --> (012) (wi thi n
terminal)
2 Leucokephal os ze 0 --> (012) (wi thi n
terminal)
2 Pl atypi ttamys br 0 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 0 --> (012) (wi thi n
terminal)
2 Acaremys muri nus 0 --> (012) (wi thi n
terminal)
2 Sci amys pri nci pa 0 --> (012) (wi thi n
terminal)
2 Gal i leomys euryg 0 --> (012) (wi thi n
terminal)
2 Wi l l i dewu estepa 0 --> (012) (wi thi n
terminal)
2 Prospani omys pri 0 --> (012) (wi thi n
terminal)
1 node_183 0 ==> 1 node_182
1 node_168 1 ==> 0 Myocastor coypus
1 node_169 1 ==> 2 Proechi mys cuvi e
2 Maruchi to tril of 1 --> (012) (wi thi n
terminal)
1 node_171 1 ==> 0 Thri chomys apere
1 node_173 1 ==> 2 node_172
1 node_175 1 ==> 0 node_174
2 Xenodontomys si m 1 --> (012) (wi thi n
terminal)
2 Neophanomys bi pl 1 --> (012) (wi thi n

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Hsearch_Consensus.out

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2 Pi thanotomys col 1 --> terminal
2 Pi thanotomys col 1 --> (012) (wi thi n
terminal)
2 Octodon degus 1 --> (012) (wi thi n
terminal)
2 Spalacopus cyanu 1 --> (012) (wi thi n
terminal)
2 Adelphomys candi 0 --> (012) (wi thi n
terminal)
2 Prosthomys bow 0 --> (012) (wi thi n
terminal)
2 Stenomys regula 0 --> (012) (wi thi n
terminal)
2 Dudumys rui gomez 0 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 0 --> (012) (wi thi n
terminal)
2 Caviocricetus lu 0 --> (012) (wi thi n
terminal)
2 Plesiacarechymys 0 --> (012) (wi thi n
terminal)
2 Sallamys pascual 0 --> (012) (wi thi n
terminal)
2 Mayomys confluen 0 --> (012) (wi thi n
terminal)
2 Eosallamys paula 0 --> (012) (wi thi n
terminal)
2 Shapamys laboc 0 --> (012) (wi thi n
terminal)
2 Eobranisamys rom 0 --> (012) (wi thi n
terminal)
2 Eobranisamys jav 0 --> (012) (wi thi n
terminal)
2 Pozomys ucayalie 0 --> (012) (wi thi n
terminal)
2 Tarapotomys mayo 0 --> (012) (wi thi n
terminal)
2 Tarapotomys suba 0 --> (012) (wi thi n
terminal)
2 Cachi yacuy kumme 0 --> (012) (wi thi n
terminal)
2 Paraphomys pi go 0 --> (012) (wi thi n
terminal)
2 Metaphomys scha 0 --> (012) (wi thi n
terminal)
2 Acritophomys bo 0 --> (012) (wi thi n
terminal)
2 Baluchimys barry 0 --> (012) (wi thi n
terminal)
487 (Position of t) 0.500
1 Archetypomys erl 0 --> (01) (wi thi n terminal)
1 Tribosphenomys m 0 --> (01) (wi thi n terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (wi thi n terminal)
1 Birbalomys sonda 0 --> (01) (wi thi n terminal)
1 Tamquammys di spi 0 --> (01) (wi thi n terminal)
1 Chapattimys wils 0 --> (01) (wi thi n terminal)
1 Ottomaniaproavi 0 --> (01) (wi thi n terminal)
1 Bugtimys zafarul 0 --> (01) (wi thi n terminal)
1 Hodsahibi azrae 0 --> (01) (wi thi n terminal)
1 'Waslamys' attia 0 --> (01) (wi thi n terminal)
1 Phiomys hammudai 0 --> (01) (wi thi n terminal)
1 Cachi yacuy conta 0 --> (01) (wi thi n terminal)
1 Eoespina woodi -E 0 --> (01) (wi thi n terminal)
1 Canaanimys maqui 0 --> (01) (wi thi n terminal)
1 node_141 0 --> 1 node_130
1 Protosteiromys m 1 --> (01) (wi thi n terminal)
1 Eosteiromys homo 1 --> (01) (wi thi n terminal)
1 Branisamyopsis a 1 --> (01) (wi thi n terminal)

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Hsearch_Consensus.out

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1 Neosteirromys pat 1 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 1 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteirromys a 1 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 1 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Braniamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 node_175 0 ==> 1 node_174
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pithanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosthichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sal lamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosal lamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 0 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

488 (Palatine fora) 0.250

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1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys eri 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteioromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteioromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteioromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 node_129 0 ==> 1 Chaetomys subspi
1 Palaeosteioromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austr 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_176 0 ==> 1 node_173
1 node_169 1 ==> 0 node_168
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosall amys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )

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489 (Sphenopalatin) 0.375

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Hsearch_Consensus.out
1 Paraphiomys pigo 0 --> (01) (with terminal)
1 Metaphiomys schaefferi 0 --> (01) (with terminal)
1 Acritophiomys bonapartei 0 --> (01) (with terminal)
1 Baluchimys barryi 0 --> (01) (with terminal)
1 Archetypomys erlangeri 1 --> (01) (with terminal)
1 Tribosphenomys masoni 1 --> (01) (with terminal)
1 Reithroparamys dunnii 1 --> (01) (with terminal)
1 Birbalomys sondaensis 1 --> (01) (with terminal)
1 Tamquammys dispiratus 1 --> (01) (with terminal)
1 Chapattimys wilsoni 1 --> (01) (with terminal)
1 Ottomaniaproavis 1 --> (01) (with terminal)
1 Bugtimys zafarullahi 1 --> (01) (with terminal)
1 Hodsahibiabazraei 1 --> (01) (with terminal)
1 'Waslamys' attia 1 --> (01) (with terminal)
1 Phiomyshammudai 1 --> (01) (with terminal)
1 Cachiycuycosta 1 --> (01) (with terminal)
1 Eoespinawoodi-E 1 --> (01) (with terminal)
1 Canaanimys maquilinga 1 --> (01) (with terminal)
1 Protosteioromys masoni 1 --> (01) (with terminal)
1 Eosteioromys homocidus 1 --> (01) (with terminal)
1 Braniamyopsis atheni 1 --> (01) (with terminal)
1 Neosteioromys patagonicus 1 --> (01) (with terminal)
1 Coendouprehensilis 1 --> (01) (with terminal)
1 Steioromys detentus 1 --> (01) (with terminal)
1 node_130 1 --> 0 node_129
1 Hyposteioromys atheni 0 --> (01) (with terminal)
1 Palaeosteioromys 1 --> (01) (with terminal)
1 Australoprocta fischeri 1 --> (01) (with terminal)
1 Luantus propheti 1 --> (01) (with terminal)
1 Asteromys punctatus 1 --> (01) (with terminal)
1 node_131 1 ==> 0 Dolichotis patagonica
1 node_132 1 ==> 0 Galeaspixie
1 Perimys intermedium 1 --> (01) (with terminal)
1 Neoreomys australe 1 --> (01) (with terminal)
1 Braniamys luri 1 --> (01) (with terminal)
1 Eoincamys pascuana 1 --> (01) (with terminal)
1 Incamys bolivianus 1 --> (01) (with terminal)
1 Microscleromys pascuana 1 --> (01) (with terminal)
1 Scleromys quadrum 1 --> (01) (with terminal)
1 Scleromys angustus 1 --> (01) (with terminal)
1 node_148 1 --> 0 node_145
1 Drytomomys aequa 0 --> (01) (with terminal)
1 Potamarchus murinus 0 --> (01) (with terminal)
1 Neoepiblema ambrus 1 --> (01) (with terminal)
1 Lagostomus maximus 1 --> (01) (with terminal)
1 Scleromys osborni 1 --> (01) (with terminal)
1 Garriomys curvum 1 --> (01) (with terminal)
1 Eoviscaccia frasca 1 --> (01) (with terminal)
1 Eoviscaccia australis 1 --> (01) (with terminal)
1 Scleromys praecursor 1 --> (01) (with terminal)
1 Chambiromys shippii 1 --> (01) (with terminal)
1 Eoincamys parvus 1 --> (01) (with terminal)
1 Chambiromys sylvaticus 1 --> (01) (with terminal)
1 Eoincamys valverde 1 --> (01) (with terminal)
1 Eoincamys ameghii 1 --> (01) (with terminal)
1 Draconomys verai 1 --> (01) (with terminal)
1 Leucokephalos zealandicus 1 --> (01) (with terminal)
1 Platytipitamus browni 1 --> (01) (with terminal)
1 Deseadomys aramburui 1 --> (01) (with terminal)
1 Sciomyssipriocarpa 1 --> (01) (with terminal)
1 Galileomys eurygaster 1 --> (01) (with terminal)
1 Willidewu estepae 1 --> (01) (with terminal)
1 node_176 1 --> 0 node_173
1 Spaniomyssipariensis 0 --> (01) (with terminal)
1 Maruchitriplaf 0 --> (01) (with terminal)
1 node_171 0 --> 1 Thrichomys apere
1 Protadelphomys laticauda 1 --> (01) (with terminal)
1 Xenodontomys simonsi 1 --> (01) (with terminal)
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Hsearch_Consensus.out

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1 Neophanomys bipl 1 --> (01) (with in terminal)
1 Pithanotomys col 1 --> (01) (with in terminal)
1 Adelphomys candi 1 --> (01) (with in terminal)
1 Prosthomys bow 1 --> (01) (with in terminal)
1 Stichomys regula 1 --> (01) (with in terminal)
1 Dudumus rui gomez 1 --> (01) (with in terminal)
1 Pampamys emmonsa 1 --> (01) (with in terminal)
1 Caviocricetus lu 1 --> (01) (with in terminal)
1 Plesiacarechymys 1 --> (01) (with in terminal)
1 Sallamys pascual 1 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eosallamys paula 1 --> (01) (with in terminal)
1 Shapajamys laboc 1 --> (01) (with in terminal)
1 Eobranisamys rom 1 --> (01) (with in terminal)
1 Eobranisamys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Cachiycuy kumme 1 --> (01) (with in terminal)
1 Paraphiomys pi go 1 --> (01) (with in terminal)
1 Metaphiomys scha 1 --> (01) (with in terminal)
1 Acritophiomys bo 1 --> (01) (with in terminal)
1 Baluchimys barry 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tribosphenomys m 0 --> (01) (with in terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (with in terminal)
1 Birbalomys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomaniaproavi 0 --> (01) (with in terminal)
1 Bugtimys zafarul 0 --> (01) (with in terminal)
1 Hodsahibia azrae 0 --> (01) (with in terminal)
1 'Waslamys' attia 0 --> (01) (with in terminal)
1 Phiomys hammudai 0 --> (01) (with in terminal)
1 Cachiycuy conta 0 --> (01) (with in terminal)
1 Eoespina woodi -E 0 --> (01) (with in terminal)
1 Canaanimys maqui 0 --> (01) (with in terminal)
1 Protosteioromys m 0 --> (01) (with in terminal)
1 Eosteioromys homo 0 --> (01) (with in terminal)
1 Branisamyopsis a 0 --> (01) (with in terminal)
1 Neosteioromys pat 0 --> (01) (with in terminal)
1 Steioromys detent 0 --> (01) (with in terminal)
1 Hyposteioromys a 0 --> (01) (with in terminal)
1 Palaeosteioromys 0 --> (01) (with in terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (with in terminal)
1 Luantus propheti 1 --> (01) (with in terminal)
1 Asteromys punctu 1 --> (01) (with in terminal)
1 Perimys intermed 1 --> (01) (with in terminal)
1 Neoreomys austra 1 --> (01) (with in terminal)
1 Branisamys luri b 1 --> (01) (with in terminal)
1 node_139 1 --> 0 Dasyprocta
1 Eoincamys pascua 0 --> (01) (with in terminal)
1 Microscleromys p 0 --> (01) (with in terminal)
1 Scleromys quadra 0 --> (01) (with in terminal)
1 Scleromys angust 0 --> (01) (with in terminal)
1 Drytomomys aequa 0 --> (01) (with in terminal)
1 Potamarchus muri 0 --> (01) (with in terminal)
1 Neoepiblema ambr 0 --> (01) (with in terminal)
1 Scleromys osborn 0 --> (01) (with in terminal)
1 Garri domys curnu 0 --> (01) (with in terminal)
1 Eoviscaccia fras 0 --> (01) (with in terminal)
1 Eoviscaccia aust 0 --> (01) (with in terminal)
1 Scleromys praecu 0 --> (01) (with in terminal)
1 Chambi ramys shi p 0 --> (01) (with in terminal)
1 Eoincamys parvus 0 --> (01) (with in terminal)
1 Chambi ramys syl v 0 --> (01) (with in terminal)

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490 (Development o) 0.250

Hsearch_Consensus.out

1 Eoincamys valver 0 --> (01) (with in terminal)
 1 Eoincamys ameghi 0 --> (01) (with in terminal)
 1 Draconomys verai 0 --> (01) (with in terminal)
 1 Leucokephalos ze 0 --> (01) (with in terminal)
 1 Platypittamys br 0 --> (01) (with in terminal)
 1 Deseadomys aramb 0 --> (01) (with in terminal)
 1 Acaremys murinus 0 --> (01) (with in terminal)
 1 Sciomyes principa 0 --> (01) (with in terminal)
 1 Galileomys euryg 0 --> (01) (with in terminal)
 1 Willidewu estepa 0 --> (01) (with in terminal)
 1 Prospaniomyes pri 0 --> (01) (with in terminal)
 1 Spaniomyes ripari 0 --> (01) (with in terminal)
 1 Maruchito trilof 0 --> (01) (with in terminal)
 1 Thrichomys apere 0 --> (01) (with in terminal)
 1 Protadelphomys l 0 --> (01) (with in terminal)
 1 Euryzygomatomys 0 --> (01) (with in terminal)
 1 Mesocapromys/Mys 0 --> (01) (with in terminal)
 1 Xenodontomys sim 0 --> (01) (with in terminal)
 1 Neophanomys bipl 0 --> (01) (with in terminal)
 1 Pi thanotomys col 0 --> (01) (with in terminal)
 1 Adelphomys candi 0 --> (01) (with in terminal)
 1 Prosti chomys bow 0 --> (01) (with in terminal)
 1 Stichomys regula 0 --> (01) (with in terminal)
 1 Dudumus rui gomez 0 --> (01) (with in terminal)
 1 Pampamys emmonsa 0 --> (01) (with in terminal)
 1 Caviocri cetus lu 0 --> (01) (with in terminal)
 1 Plesi acarechi mys 0 --> (01) (with in terminal)
 1 Sal lamys pascual 0 --> (01) (with in terminal)
 1 Mayomys confluen 0 --> (01) (with in terminal)
 1 Eosal lamys paula 0 --> (01) (with in terminal)
 1 Shapaj amys laboc 0 --> (01) (with in terminal)
 1 Eobrani samys rom 0 --> (01) (with in terminal)
 1 Eobrani samys jav 0 --> (01) (with in terminal)
 1 Pozomys ucayalie 0 --> (01) (with in terminal)
 1 Tarapotomys mayo 0 --> (01) (with in terminal)
 1 Tarapotomys suba 0 --> (01) (with in terminal)
 1 Cachi yacuy kumme 0 --> (01) (with in terminal)
 1 node_208 0 --> 1 Thryonomys swind
 1 Metaphi omys scha 0 --> (01) (with in terminal)
 1 Acri tophi omys bo 0 --> (01) (with in terminal)
 1 Bal uchi mys barry 0 --> (01) (with in terminal)
 2 Archetypomys erl 1 --> (012) (with in terminal)
 2 Tri bosphenomys m 1 --> (012) (with in terminal)
 2 Bi rbal omys sonda 1 --> (012) (with in terminal)
 2 Tamquammys di spi 1 --> (012) (with in terminal)
 2 Chapatti mys wi ls 1 --> (012) (with in terminal)
 2 Ottomani a proavi 1 --> (012) (with in terminal)
 2 Bugti mys zafarul 1 --> (012) (with in terminal)
 2 Hodsahi bi a azrae 1 --> (012) (with in terminal)
 2 'Wasl amys' atti a 1 --> (012) (with in terminal)
 2 Phi omys hammudai 1 --> (012) (with in terminal)
 2 Cachi yacuy conta 1 --> (012) (with in terminal)
 2 Eoespi na woodi -E 1 --> (012) (with in terminal)
 2 Canaani mys maqui 1 --> (012) (with in terminal)
 2 Protostei romys m 1 --> (012) (with in terminal)

491 (*Apex of the) 0.500

Hsearch_Consensus.out

```

2 Brani samyopsi s a 1 --> terminal)
2 Hypsostei romys a 1 --> (012) (wi thi n
terminal)
2 Pal aeostei romys 1 --> (012) (wi thi n
terminal)
2 Australoprocta f 1 --> (012) (wi thi n
terminal)
2 Luantus propheti 1 --> (012) (wi thi n
terminal)
2 Asteromys punctu 1 --> (012) (wi thi n
terminal)
2 Perimys intermed 1 --> (012) (wi thi n
terminal)
2 Eoincamys pascua 1 --> (012) (wi thi n
terminal)
2 Microscleromys p 1 --> (012) (wi thi n
terminal)
2 Scleromys quadra 1 --> (012) (wi thi n
terminal)
2 Scleromys angust 1 --> (012) (wi thi n
terminal)
2 Potamarchus muri 1 --> (012) (wi thi n
terminal)
2 Garri domys curnu 1 --> (012) (wi thi n
terminal)
2 Eoviscaccia fras 1 --> (012) (wi thi n
terminal)
2 Eoviscaccia aust 1 --> (012) (wi thi n
terminal)
2 Scleromys praecu 1 --> (012) (wi thi n
terminal)
2 Chambiramys ship 1 --> (012) (wi thi n
terminal)
2 Eoincamys parvus 1 --> (012) (wi thi n
terminal)
2 Chambiramys sylv 1 --> (012) (wi thi n
terminal)
2 Eoincamys valver 1 --> (012) (wi thi n
terminal)
2 Eoincamys ameghi 1 --> (012) (wi thi n
terminal)
2 Draconomys verai 1 --> (012) (wi thi n
terminal)
2 Leucokephalos ze 1 --> (012) (wi thi n
terminal)
2 Platypittamys br 1 --> (012) (wi thi n
terminal)
2 Deseadomys aramb 1 --> (012) (wi thi n
terminal)
2 Galileomys euryg 1 --> (012) (wi thi n
terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchitotrilof 1 --> (012) (wi thi n
terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Neophanomys bipl 1 --> (012) (wi thi n
terminal)
1 node_180 1 ==> 0 node_179
2 Adelphomys candi 1 --> (012) (wi thi n
terminal)
2 Prosthichomys bow 1 --> (012) (wi thi n
terminal)
2 Dudumus rui gomez 1 --> (012) (wi thi n
terminal)
2 Pampamys emmonsa 1 --> (012) (wi thi n
terminal)

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Hsearch_Consensus.out

2 Caviocricetus lu 1 --> (012) (with terminal)
 2 Plesiacarechymys 1 --> (012) (with terminal)
 2 Mayomys confluen 1 --> (012) (with terminal)
 2 Eosallamys paula 1 --> (012) (with terminal)
 2 Shapajamys laboc 1 --> (012) (with terminal)
 2 Eobranisamys rom 1 --> (012) (with terminal)
 2 Eobranisamys jav 1 --> (012) (with terminal)
 2 Pozomys ucayalie 1 --> (012) (with terminal)
 2 Tarapotomys mayo 1 --> (012) (with terminal)
 2 Tarapotomys suba 1 --> (012) (with terminal)
 2 Cachiycuy kumme 1 --> (012) (with terminal)
 1 node_208 1 ==> 2 Thryonomys swind
 2 Metaphomys scha 1 --> (012) (with terminal)
 2 Acritophomys bo 1 --> (012) (with terminal)
 2 Baluchimys barry 1 --> (012) (with terminal)
 492 (Anterior marg) 0.400
 1 node_218 1 --> 2 Cocomys ligchaen
 1 Erethizon dorsat 1 --> (01) (with terminal)
 1 node_137 1 --> 0 node_136
 1 node_131 0 --> 1 Hydrochoerus hyd
 1 node_139 1 ==> 0 Cuniculus paca-t
 1 node_198 1 --> 0 node_197
 1 Incamys bolivian 0 --> (01) (with terminal)
 1 node_147 0 ==> 1 node_146
 1 node_179 0 ==> 1 Pithanotomys col
 1 node_208 1 ==> 0 Thryonomys swind
 493 (Lateral level) 0.500
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tribosphenomys m 0 --> (01) (with terminal)
 1 Birbalomys sonda 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 Chapattimys wils 0 --> (01) (with terminal)
 1 Ottomaniaproavi 0 --> (01) (with terminal)
 1 Bugtimys zafarul 0 --> (01) (with terminal)
 1 Hodsahibi azrae 0 --> (01) (with terminal)
 1 'Waslamys' attia 0 --> (01) (with terminal)
 1 Phiomys hammudai 0 --> (01) (with terminal)
 1 Cachiycuy conta 0 --> (01) (with terminal)
 1 Eoespina woodi -E 0 --> (01) (with terminal)
 1 Canaanimys maqui 0 --> (01) (with terminal)
 1 Protosteioromys m 0 --> (01) (with terminal)
 1 Branisamyopsis a 0 --> (01) (with terminal)
 1 Hypsosteioromys a 0 --> (01) (with terminal)
 1 Palaeosteioromys 0 --> (01) (with terminal)
 1 Australoprocta f 0 --> (01) (with terminal)
 1 Luantus propheti 0 --> (01) (with terminal)
 1 Asteromys punctu 0 --> (01) (with terminal)
 1 Perimys intermed 0 --> (01) (with terminal)
 1 Eoincamys pascua 0 --> (01) (with terminal)
 1 Microscleromys p 0 --> (01) (with terminal)
 1 Scleromys quadra 0 --> (01) (with terminal)
 1 Scleromys angust 0 --> (01) (with terminal)
 1 Drytomomys aequa 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Scleromys osborn 0 --> (01) (with terminal)
 1 Garri domys curnu 0 --> (01) (with terminal)

Hsearch_Consensus.out

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1 Eoviscaccia frasca 0 --> (01) (with terminal)
1 Eoviscaccia austriaca 0 --> (01) (with terminal)
1 Scleromys praecursor 0 --> (01) (with terminal)
1 Chambi ramys shipp 0 --> (01) (with terminal)
1 Eoincamys parvus 0 --> (01) (with terminal)
1 Chambi ramys sylvaticus 0 --> (01) (with terminal)
1 Eoincamys valverde 0 --> (01) (with terminal)
1 Eoincamys ameghii 0 --> (01) (with terminal)
1 Draconomys verai 0 --> (01) (with terminal)
1 Leucokephalos zelandicus 0 --> (01) (with terminal)
1 Platypittamys browni 0 --> (01) (with terminal)
1 Deseadomys aramburui 0 --> (01) (with terminal)
1 Acaremys murinus 0 --> (01) (with terminal)
1 Sciomyz principis 0 --> (01) (with terminal)
1 Galileomys eurygaster 0 --> (01) (with terminal)
1 Willidewu estepae 0 --> (01) (with terminal)
1 Spaniomyz riparius 0 --> (01) (with terminal)
1 Maruchitotrilofidius 0 --> (01) (with terminal)
1 Protadelphomys laticauda 0 --> (01) (with terminal)
1 node_182 0 --> 1 node_181
1 Xenodontomys similis 1 --> (01) (with terminal)
1 Neophanomys bipartitus 1 --> (01) (with terminal)
1 Pithanotomys colsoni 1 --> (01) (with terminal)
1 node_180 1 --> 0 Spalacopus cyanus
1 Adelphomys candi 0 --> (01) (with terminal)
1 Prostichomys bowleyi 0 --> (01) (with terminal)
1 Stichomys regularis 0 --> (01) (with terminal)
1 Dudumus rui gomez 0 --> (01) (with terminal)
1 Pampamys emmonsae 0 --> (01) (with terminal)
1 Caviocricetus luisi 0 --> (01) (with terminal)
1 Plesiacaraechimys 0 --> (01) (with terminal)
1 Sallamys pascualis 0 --> (01) (with terminal)
1 Mayomys confluentis 0 --> (01) (with terminal)
1 Eosallamys paula 0 --> (01) (with terminal)
1 Shapajamys laboc 0 --> (01) (with terminal)
1 Eobranisamys romani 0 --> (01) (with terminal)
1 Eobranisamys javanicus 0 --> (01) (with terminal)
1 Pozomys ucayalies 0 --> (01) (with terminal)
1 Tarapotomys mayo 0 --> (01) (with terminal)
1 Tarapotomys subandinus 0 --> (01) (with terminal)
1 Cachi yacuy kumme 0 --> (01) (with terminal)
1 Metaphomys schaefferi 0 --> (01) (with terminal)
1 Acritophimys bolivianus 0 --> (01) (with terminal)
1 Baluchimys barryi 0 --> (01) (with terminal)
1 Archetypomys erlichsoni 0 --> (01) (with terminal)
1 Tribosphenomys mulleri 0 --> (01) (with terminal)
1 Reithroparamys dunnii 0 --> (01) (with terminal)
1 Birbalomys sonda 0 --> (01) (with terminal)
1 Tamquammys dispiratus 0 --> (01) (with terminal)
1 Chapattimys wilsoni 0 --> (01) (with terminal)
1 Ottomania proavina 0 --> (01) (with terminal)
1 Bugtimys zafarullahi 0 --> (01) (with terminal)
1 Hodsahibi azrae 0 --> (01) (with terminal)
1 'Waslamys' attia 0 --> (01) (with terminal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (with terminal)
1 Cachi yacuy contata 1 --> (01) (with terminal)
1 Eoespina woodi -E 1 --> (01) (with terminal)
1 Canaanimys maqui 1 --> (01) (with terminal)
1 Protosteioromys mulleri 1 --> (01) (with terminal)
1 Eosteioromys homocidus 1 --> (01) (with terminal)
1 Branisamyopsis acaudata 1 --> (01) (with terminal)
1 Neosteioromys patagonicus 1 --> (01) (with terminal)
1 Steioromys detentus 1 --> (01) (with terminal)
1 Hyposteioromys acaudatus 1 --> (01) (with terminal)
1 Chaetomys subspinosus 1 --> (01) (with terminal)
1 Palaeosteioromys 1 --> (01) (with terminal)
1 Australoprocta foveolata 1 --> (01) (with terminal)

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Hsearch_Consensus.out

```

1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Dolichotis patag 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 Galea spixii 1 --> (01) (wi thi n termi nal)
1 Perimys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys Iuri b 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_139
1 Cuniculus paca-t 0 --> (01) (wi thi n termi nal)
1 Eoincamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bolivi an 1 --> (01) (wi thi n termi nal)
1 Microscleromys p 1 --> (01) (wi thi n termi nal)
1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoepiblemma ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garridomys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 node_183 1 --> 0 node_182
1 node_169 0 --> 1 node_168
1 Spani omys ripari 1 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 node_172 0 ==> 1 Makalata didelph
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 node_181 0 --> 1 node_178
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 0 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple siacarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

495 (Masticory and) 0.333

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1 Baluchimys barry 0 --> (01) (withn terminal)
1 Archetypomys eri 0 --> (01) (withn terminal)
1 Tribosphenomys m 0 --> (01) (withn terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (withn terminal)
1 Birbalomys sonda 0 --> (01) (withn terminal)
1 Tamquammys dispi 0 --> (01) (withn terminal)
1 Chapattimys wils 0 --> (01) (withn terminal)
1 Ottomaniaproavi 0 --> (01) (withn terminal)
1 Bugtimys zafarul 0 --> (01) (withn terminal)
1 Hodsahibi azrae 0 --> (01) (withn terminal)
1 'Waslamys' attia 0 --> (01) (withn terminal)
1 Phiomys hammudai 0 --> (01) (withn terminal)
1 Chachiyacuy conta 0 --> (01) (withn terminal)
1 Eoespina woodi -E 0 --> (01) (withn terminal)
1 Canaanimys maqui 0 --> (01) (withn terminal)
1 Protosteioromys m 0 --> (01) (withn terminal)
1 Eosteioromys homo 0 --> (01) (withn terminal)
1 Braniamyopsis a 0 --> (01) (withn terminal)
1 Neosteioromys pat 0 --> (01) (withn terminal)
1 Steioromys detent 0 --> (01) (withn terminal)
1 Hyposteioromys a 0 --> (01) (withn terminal)
1 Chaetomys subspi 0 --> (01) (withn terminal)
1 Palaeosteioromys 0 --> (01) (withn terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (withn terminal)
1 Luantus propheti 1 --> (01) (withn terminal)
1 Asteromys punctu 1 --> (01) (withn terminal)
1 Hydrochoerus hyd 1 --> (01) (withn terminal)
1 Perimys intermed 1 --> (01) (withn terminal)
1 Neoreomys austra 1 --> (01) (withn terminal)
1 Braniamys luri b 1 --> (01) (withn terminal)
1 node_139 1 --> 0 Cuniculus paca-t
1 Eoincamys pascua 0 --> (01) (withn terminal)
1 Incamys bolivi an 0 --> (01) (withn terminal)
1 Microscleromys p 0 --> (01) (withn terminal)
1 Scleromys quadra 0 --> (01) (withn terminal)
1 Scleromys angust 0 --> (01) (withn terminal)
1 Drytomomys aequa 0 --> (01) (withn terminal)
1 Potamarchus muri 0 --> (01) (withn terminal)
1 Dinomys branickei 0 --> (01) (withn terminal)
1 Neoepiblema ambr 0 --> (01) (withn terminal)
1 Scleromys osborn 0 --> (01) (withn terminal)
1 Garri domys curnu 0 --> (01) (withn terminal)
1 Eoviscaccia fras 0 --> (01) (withn terminal)
1 Eoviscaccia aust 0 --> (01) (withn terminal)
1 Scleromys praecu 0 --> (01) (withn terminal)
1 Chambi ramys ship 0 --> (01) (withn terminal)
1 Eoincamys parvus 0 --> (01) (withn terminal)
1 Chambi ramys sylv 0 --> (01) (withn terminal)
1 Eoincamys valver 0 --> (01) (withn terminal)
1 Eoincamys ameghi 0 --> (01) (withn terminal)
1 Draconomys verai 0 --> (01) (withn terminal)
1 Leucokephalos ze 0 --> (01) (withn terminal)
1 Platypittamys br 0 --> (01) (withn terminal)
1 Deseadomys aramb 0 --> (01) (withn terminal)
1 Acaremys murinus 0 --> (01) (withn terminal)
1 Sci amys principa 0 --> (01) (withn terminal)
1 Galileomys euryg 0 --> (01) (withn terminal)
1 Willidewu estepa 0 --> (01) (withn terminal)
1 Prospaniomys pri 0 --> (01) (withn terminal)
1 Spaniomys ripari 0 --> (01) (withn terminal)
1 Maruchito trilof 0 --> (01) (withn terminal)
1 Echimys chrysuru 0 --> (01) (withn terminal)
1 Protadelphomys l 0 --> (01) (withn terminal)
1 Euryzygomatomys 0 --> (01) (withn terminal)
1 Xenodontomys sim 0 --> (01) (withn terminal)
1 Neophanomys bipl 0 --> (01) (withn terminal)

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Hsearch_Consensus.out

1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Octodon degus 0 --> (01) (wi thi n termi nal)
 1 Spalacopus cyanu 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosal lamys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys eri 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
 1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Dol ichotis patag 1 --> (01) (wi thi n termi nal)
 1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
 1 Cavi a aperea 1 --> (01) (wi thi n termi nal)
 1 Galea spi xi i 1 --> (01) (wi thi n termi nal)
 1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Dasyprocta 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscleromys p 1 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scleromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Di nomys brani cki 1 --> (01) (wi thi n termi nal)

496 (Fusion of the) 1.000

Hsearch_Consensus.out

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1 Neoepeblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sciameys principa 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 Spaniomys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Echimysochrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Euryzygomatomys 1 --> (01) (w i t h i n t e r m i n a l )
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacaraechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 1 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphiomys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphiomys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophiomys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 1 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l )
1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l )
1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )

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497 (Fusion of the) 0.600

Hsearch_Consensus.out

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1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Erethi zon dorsat 0 --> (01) (w i t h i n t e r m i n a l )
1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l )
1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l )
1 Galea spi xi i 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 node_198 0 --> 1 node_197
1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bol i vi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Dinomys brani cki 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepebl ema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Chinchilla lani g 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 1 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 1 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 1 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 1 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 1 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principi a 1 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 1 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 1 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 1 --> (01) (w i t h i n t e r m i n a l )
1 node_173 1 --> 0 node_171
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadel phomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Adel phomys candi 1 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 1 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regul a 1 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 1 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 1 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocricetus lu 1 --> (01) (w i t h i n t e r m i n a l )
1 Ple si acarechi mys 1 --> (01) (w i t h i n t e r m i n a l )
1 Sal lamys pascual 1 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
 1 Eosal lamys paul a 1 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 498 (Contact betwe) 0.167
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Birbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 node_125 1 ==> 0 Coendou prehensi
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 node_133 1 ==> 0 node_132
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 node_139 1 ==> 0 Cuniculus paca-t
 1 node_195 1 --> 0 node_161
 1 Eoincamys pascua 0 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branickei 0 --> (01) (wi thi n termi nal)
 1 Neoepebl emambr 0 --> (01) (wi thi n termi nal)
 1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambiramys shipp 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambiramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys val ver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 1 --> (01) (wi thi n termi nal)
 1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
 1 Platypittamys br 1 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 1 --> (01) (wi thi n termi nal)

Hsearch_Consensus.out

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1 Sci amys princi pa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospaniomys pri 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spaniomys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 1 --> (01) (wi thi n termi nal)
1 Thrichomys apere 1 --> (01) (wi thi n termi nal)
1 node_176 1 --> 0 node_175
1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
1 Euryzygomatomys 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pithanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 1 --> (01) (wi thi n termi nal)
1 Adelphomys candi 1 --> (01) (wi thi n termi nal)
1 Prostichomys bow 1 --> (01) (wi thi n termi nal)
1 Stichomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Caviocricetus lu 1 --> (01) (wi thi n termi nal)
1 Plesiacarechimy 1 --> (01) (wi thi n termi nal)
1 Sallamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosallamys paula 1 --> (01) (wi thi n termi nal)
1 Shapajamys laboc 1 --> (01) (wi thi n termi nal)
1 Eobranisamys rom 1 --> (01) (wi thi n termi nal)
1 Eobranisamys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphiomys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphiomys scha 1 --> (01) (wi thi n termi nal)
1 Acritophiomys bo 1 --> (01) (wi thi n termi nal)
1 Baluchimys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tribosphenomys m 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomaniaproavi 0 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahibi azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phiomys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespina woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_141
1 Protosteioromys m 1 --> (01) (wi thi n termi nal)
1 Eosteioromys homo 1 --> (01) (wi thi n termi nal)
1 Branisamyopsis a 1 --> (01) (wi thi n termi nal)
1 Neosteioromys pat 1 --> (01) (wi thi n termi nal)
1 Steioromys detent 1 --> (01) (wi thi n termi nal)
1 Hypsosteioromys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Palaeosteioromys 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_138
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 node_131 0 --> 1 Hydrochoerus hyd
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Branisamys luri b 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Miroscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_148 0 --> 1 node_147
1 node_147 1 --> 0 node_146
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_173 0 --> 1 node_171
1 Spani omys ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 node_169 1 --> 0 Proechimys cuvie
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sall amys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosall amys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 0 --> (01) (w i t h i n t e r m i n a l )
1 node_208 0 ==> 1 Thryonomys swind
1 Metaphi omys scha 0 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 0 --> (01) (w i t h i n t e r m i n a l )
1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l )
1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l )
1 Tri bosphenomys m 0 --> (01) (w i t h i n t e r m i n a l )
1 node_217 0 --> 1 node_118
1 Birbal omys sonda 1 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

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1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaanimys maqui 0 --> (01) (wi thi n termi nal)
1 Protosteir omys m 0 --> (01) (wi thi n termi nal)
1 Eosteir omys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neosteir omys pat 0 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 0 --> (01) (wi thi n termi nal)
1 Coendou prehensi 0 --> (01) (wi thi n termi nal)
1 Steir omys detent 0 --> (01) (wi thi n termi nal)
1 Hypsosteir omys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeosteir omys 0 --> (01) (wi thi n termi nal)
1 Australoprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol ivi an 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Di nomys brani cki 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 Lagostomus maxi m
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Will idewu estepa 0 --> (01) (wi thi n termi nal)
1 node_187 0 ==> 1 Prospani omys pri
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 node_173 0 ==> 1 node_172
1 node_175 0 --> 1 node_174
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 node_181 0 --> 1 node_180
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

501 (Sagittal cres) 0.333

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1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_208 0 ==> 1 Thryonomys swi nd
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_141
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 --> 0 Coendou prehensi
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 node_137 1 --> 0 node_136
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Cavi a aperea 0 --> (01) (wi thi n termi nal)
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 Neoepe bl ema ambr
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys princi pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocri cetus lu 0 --> (01) (wi thi n termi nal)
 1 Ple si acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paul a 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
 1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
 1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
 1 Chapatti mys wil s 1 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
 1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
 1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
 1 Protostei romys m 1 --> (01) (wi thi n termi nal)
 1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
 1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
 1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
 1 Stei romys detent 1 --> (01) (wi thi n termi nal)
 1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
 1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
 1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
 1 Australoprocta f 1 --> (01) (wi thi n termi nal)
 1 Luantus propheti 1 --> (01) (wi thi n termi nal)
 1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
 1 Perimys intermed 1 --> (01) (wi thi n termi nal)
 1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
 1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
 1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
 1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
 1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
 1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 1 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
 1 Neoepi bl ema ambr 1 --> (01) (wi thi n termi nal)
 1 node_147 1 ==> 0 node_146
 1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
 1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
 1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
 1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
 1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
 1 Chambi ramys syl v 1 --> (01) (wi thi n termi nal)

502 (Orientation o) 0.250

Hsearch_Consensus.out

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1 Eoincamys valver 1 --> (01) (with in terminal)
1 Eoincamys ameghi 1 --> (01) (with in terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (with in terminal)
1 Leucokephalos ze 0 --> (01) (with in terminal)
1 Platypittamys br 0 --> (01) (with in terminal)
1 Deseadomys aramb 0 --> (01) (with in terminal)
1 Acaremys murinus 0 --> (01) (with in terminal)
1 Sci amys princi pa 0 --> (01) (with in terminal)
1 Galileomys euryg 0 --> (01) (with in terminal)
1 Willidewu estepa 0 --> (01) (with in terminal)
1 Prospani omys pri 0 --> (01) (with in terminal)
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (with in terminal)
1 Maruchi to tril of 0 --> (01) (with in terminal)
1 Protadel phomys l 0 --> (01) (with in terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys sim 0 --> (01) (with in terminal)
1 Neophanomys bi pl 0 --> (01) (with in terminal)
1 Pithanotomys col 0 --> (01) (with in terminal)
1 Octodon degus 0 --> (01) (with in terminal)
1 Spalacopus cyanu 0 --> (01) (with in terminal)
1 Adelphomys candi 0 --> (01) (with in terminal)
1 Prosti chomys bow 0 --> (01) (with in terminal)
1 Stichomys regula 0 --> (01) (with in terminal)
1 Dudumus rui gomez 0 --> (01) (with in terminal)
1 Pampamys emmonsa 0 --> (01) (with in terminal)
1 Caviocri cetus lu 0 --> (01) (with in terminal)
1 Plesi acarechi mys 0 --> (01) (with in terminal)
1 Sall amys pascual 0 --> (01) (with in terminal)
1 Mayomys confluen 1 --> (01) (with in terminal)
1 Eosall amys paula 1 --> (01) (with in terminal)
1 Shapaj amys laboc 1 --> (01) (with in terminal)
1 Eobrani samys rom 1 --> (01) (with in terminal)
1 Eobrani samys jav 1 --> (01) (with in terminal)
1 Pozomys ucayalie 1 --> (01) (with in terminal)
1 Tarapotomys mayo 1 --> (01) (with in terminal)
1 Tarapotomys suba 1 --> (01) (with in terminal)
1 Cachi yacuy kumme 1 --> (01) (with in terminal)
1 Paraphi omys pi go 1 --> (01) (with in terminal)
1 Metaphi omys scha 1 --> (01) (with in terminal)
1 Acri tophi omys bo 1 --> (01) (with in terminal)
1 Baluchi mys barry 1 --> (01) (with in terminal)
1 Archetypomys erl 0 --> (01) (with in terminal)
1 Tri bosphenomys m 0 --> (01) (with in terminal)
1 Cocomys ligchaen 0 --> (01) (with in terminal)
1 Birbal omys sonda 0 --> (01) (with in terminal)
1 Tamquammys di spi 0 --> (01) (with in terminal)
1 Chapattimys wils 0 --> (01) (with in terminal)
1 Ottomani a proavi 0 --> (01) (with in terminal)
1 Bugti mys zafarul 0 --> (01) (with in terminal)
1 Hodsahibi a azrae 0 --> (01) (with in terminal)
1 'Wasl amys' attia 0 --> (01) (with in terminal)
1 Phi omys hammudai 0 --> (01) (with in terminal)
1 Cachi yacuy conta 0 --> (01) (with in terminal)
1 Eoespi na woodi -E 0 --> (01) (with in terminal)
1 Canaani mys maqui 0 --> (01) (with in terminal)
1 Protostei romys m 0 --> (01) (with in terminal)
1 Eostei romys homo 0 --> (01) (with in terminal)
1 Brani samyopsi s a 0 --> (01) (with in terminal)
1 Neostei romys pat 0 --> (01) (with in terminal)
1 Stei romys detent 0 --> (01) (with in terminal)
1 Hypsostei romys a 0 --> (01) (with in terminal)
1 Chaetomys subspi 0 --> (01) (with in terminal)
1 Pal aeostei romys 0 --> (01) (with in terminal)
1 Australoprocta f 0 --> (01) (with in terminal)
1 Luantus propheti 0 --> (01) (with in terminal)
1 Asteromys punctu 0 --> (01) (with in terminal)

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Hsearch_Consensus.out

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1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 node_140 0 ==> 1 node_139
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 node_147 0 ==> 1 node_146
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 node_195 0 --> 1 node_194
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 1 --> (01) (wi thi n termi nal)
1 Prospani omys pri 1 --> (01) (wi thi n termi nal)
1 node_169 1 --> 0 node_168
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 1 --> (01) (wi thi n termi nal)
1 node_172 1 ==> 0 Echi mys chrysuru
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys si m 1 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sall amys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys li gchaen 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l )
1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l )
1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l )
1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l )
1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l )
1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l )
1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l )
1 Phi omys hammudai 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoespi na woodi -E 0 --> (01) (w i t h i n t e r m i n a l )
1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l )
1 Protosteir omys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteir omys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samyopsi s a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteir omys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steir omys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hypsosteir omys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Pal aeosteir omys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 node_133 0 ==> 1 node_131
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austr a 0 --> (01) (w i t h i n t e r m i n a l )
1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bol i vi an 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoepi blema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 node_147 0 ==> 1 Lagostomus maxi m
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys shi p 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambiramys syl v 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys val ver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephal os ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri nci pa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospani omys pri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito tril of 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bi pl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regul a 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

1 Caviocrietus lu 0 --> (01) (with terminal)
 1 Plesiacaerchi mys 0 --> (01) (with terminal)
 1 Sallamys pascual 0 --> (01) (with terminal)
 1 Mayomys confluen 0 --> (01) (with terminal)
 1 Eosallamys paula 0 --> (01) (with terminal)
 1 Shapajamys laboc 0 --> (01) (with terminal)
 1 Eobrani samys rom 0 --> (01) (with terminal)
 1 Eobrani samys jav 0 --> (01) (with terminal)
 1 Pozomys ucayalie 0 --> (01) (with terminal)
 1 Tarapotomys mayo 0 --> (01) (with terminal)
 1 Tarapotomys suba 0 --> (01) (with terminal)
 1 Cachi yacuy kumme 0 --> (01) (with terminal)
 1 Paraphiomyys pi go 0 --> (01) (with terminal)
 1 Metaphiomyys scha 0 --> (01) (with terminal)
 1 Acritophiomyys bo 0 --> (01) (with terminal)
 1 Baluchimys barry 0 --> (01) (with terminal)
 1 Archetypomys erl 0 --> (01) (with terminal)
 1 Tribosphenomys m 0 --> (01) (with terminal)
 1 Cocomys ligchaen 0 --> (01) (with terminal)
 1 Birbalomys sonda 0 --> (01) (with terminal)
 1 Tamquammys di spi 0 --> (01) (with terminal)
 1 Chapattimys wils 0 --> (01) (with terminal)
 1 Ottomaniaproavi 0 --> (01) (with terminal)
 1 Bugtimys zafarul 0 --> (01) (with terminal)
 1 Hodsahibia azrae 0 --> (01) (with terminal)
 1 'Waslamys' attia 0 --> (01) (with terminal)
 1 Phiomyys hammudai 0 --> (01) (with terminal)
 1 Cachi yacuy conta 0 --> (01) (with terminal)
 1 Eoespina woodi -E 0 --> (01) (with terminal)
 1 Canaanimys maqui 0 --> (01) (with terminal)
 1 Protosteioromys m 0 --> (01) (with terminal)
 1 Eosteioromys homo 0 --> (01) (with terminal)
 1 Brani samyopsis a 0 --> (01) (with terminal)
 1 Neosteioromys pat 0 --> (01) (with terminal)
 1 Steioromys detent 0 --> (01) (with terminal)
 1 Hyposteioromys a 0 --> (01) (with terminal)
 1 Chaetomys subspi 0 --> (01) (with terminal)
 1 Palaeosteioromys 0 --> (01) (with terminal)
 1 Australoprocta f 0 --> (01) (with terminal)
 1 Luantus propheti 0 --> (01) (with terminal)
 1 Asteromys punctu 0 --> (01) (with terminal)
 1 Perimys intermed 0 --> (01) (with terminal)
 1 Neoreomys austra 0 --> (01) (with terminal)
 1 Brani samys luri b 0 --> (01) (with terminal)
 1 Eoincamys pascua 0 --> (01) (with terminal)
 1 Incamys bolivian 0 --> (01) (with terminal)
 1 Microscleromys p 0 --> (01) (with terminal)
 1 Scleromys quadra 0 --> (01) (with terminal)
 1 Scleromys angust 0 --> (01) (with terminal)
 1 Drytomomys aequa 0 --> (01) (with terminal)
 1 Potamarchus muri 0 --> (01) (with terminal)
 1 Neoepiblema ambr 0 --> (01) (with terminal)
 1 Scleromys osborn 0 --> (01) (with terminal)
 1 Garri domys curnu 0 --> (01) (with terminal)
 1 Eoviscaccia fras 0 --> (01) (with terminal)
 1 Eoviscaccia aust 0 --> (01) (with terminal)
 1 Scleromys praecu 0 --> (01) (with terminal)
 1 Chambi ramys shi p 0 --> (01) (with terminal)
 1 Eoincamys parvus 0 --> (01) (with terminal)
 1 Chambi ramys syl v 0 --> (01) (with terminal)
 1 Eoincamys val ver 0 --> (01) (with terminal)
 1 Eoincamys ameghi 0 --> (01) (with terminal)
 1 Draconomys verai 0 --> (01) (with terminal)
 1 Leucokephalos ze 0 --> (01) (with terminal)
 1 Platyptamys br 0 --> (01) (with terminal)
 1 Deseadomys aramb 0 --> (01) (with terminal)
 1 Acaremys murinus 0 --> (01) (with terminal)
 1 Sci amys pri nci pa 0 --> (01) (with terminal)

505 (Development o) 1.000

Hsearch_Consensus.out

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1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospaniomy s pri 0 --> (01) (wi thi n termi nal)
1 Spaniomy s ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 0 --> (01) (wi thi n termi nal)
1 Protadelphomy s l 0 --> (01) (wi thi n termi nal)
1 node_182 0 --> 1 node_181
1 Xenodontomy s si m 1 --> (01) (wi thi n termi nal)
1 Neophanomy s bi pl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomy s col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adelphomy s candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomy s bow 0 --> (01) (wi thi n termi nal)
1 Sti chomy s regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamy s emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amy s pascual 0 --> (01) (wi thi n termi nal)
1 Mayomy s confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal amy s paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amy s laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samy s rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samy s jav 0 --> (01) (wi thi n termi nal)
1 Pozomy s ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomy s mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomy s suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archety pomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomy s m 1 --> (01) (wi thi n termi nal)
1 Cocomy s ligchaen 1 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amy s' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samy opsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 node_125 1 ==> 0 Coendou prehensi
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomy s subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromy s punctu 1 --> (01) (wi thi n termi nal)
1 node_133 1 ==> 0 node_131
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomy s austra 1 --> (01) (wi thi n termi nal)
1 Brani samy s luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Eoi ncamy s pascua 1 --> (01) (wi thi n termi nal)
1 Incamy s bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromy s p 1 --> (01) (wi thi n termi nal)
1 Scl eromy s quadra 1 --> (01) (wi thi n termi nal)

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506 (Mastoid proce) 0.250

Hsearch_Consensus.out

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1 Scleromys angust 1 --> (01) (wi thi n termi nal)
1 Potamarchus muri 1 --> (01) (wi thi n termi nal)
1 Neoeptiblema ambr 1 --> (01) (wi thi n termi nal)
1 Scleromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia fras 1 --> (01) (wi thi n termi nal)
1 Eoviscaccia aust 1 --> (01) (wi thi n termi nal)
1 Scleromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys ship 1 --> (01) (wi thi n termi nal)
1 Eoincamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoincamys valver 1 --> (01) (wi thi n termi nal)
1 Eoincamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephalos ze 1 --> (01) (wi thi n termi nal)
1 Platypittamys br 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Acaremys murinus 1 --> (01) (wi thi n termi nal)
1 Sci amys principa 1 --> (01) (wi thi n termi nal)
1 Galileomys euryg 1 --> (01) (wi thi n termi nal)
1 Willidewu estepa 1 --> (01) (wi thi n termi nal)
1 node_173 1 --> 0 node_171
1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
1 Maruchito trilof 0 --> (01) (wi thi n termi nal)
1 Thrichomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 1 --> (01) (wi thi n termi nal)
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 1 --> (01) (wi thi n termi nal)
1 Neophanomys bipl 1 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Octodon degus 1 --> (01) (wi thi n termi nal)
1 Spalacopus cyanu 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regula 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocri cetus lu 1 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)
1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 node_209 1 --> 0 node_208
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)

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507 (Lateral proce) 1.000

Hsearch_Consensus.out

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1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l )
1 Braniamyopsis a 0 --> (01) (w i t h i n t e r m i n a l )
1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l )
1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l )
1 Hyposteirromys a 0 --> (01) (w i t h i n t e r m i n a l )
1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l )
1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l )
1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l )
1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l )
1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l )
1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l )
1 Neoreomys austral 0 --> (01) (w i t h i n t e r m i n a l )
1 Braniamys luri b 0 --> (01) (w i t h i n t e r m i n a l )
1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivian 0 --> (01) (w i t h i n t e r m i n a l )
1 Microscleromys p 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l )
1 Neopiblema ambr 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l )
1 Garridomys curnu 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l )
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Acaemys murinus 0 --> (01) (w i t h i n t e r m i n a l )
1 Sciomys principa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 Prospaniomyx pri 0 --> (01) (w i t h i n t e r m i n a l )
1 node_183 0 ==> 1 node_182
1 Spaniomyx ripari 1 --> (01) (w i t h i n t e r m i n a l )
1 Maruchito trilof 1 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 1 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 1 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 1 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 1 --> (01) (w i t h i n t e r m i n a l )
1 Octodon degus 1 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 1 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prostichomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Stichomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmonsa 0 --> (01) (w i t h i n t e r m i n a l )
1 Caviocricetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesiacarechymys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sallamys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confluen 0 --> (01) (w i t h i n t e r m i n a l )
1 Eosallamys paula 0 --> (01) (w i t h i n t e r m i n a l )
1 Shapajamys laboc 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys rom 0 --> (01) (w i t h i n t e r m i n a l )
1 Eobraniamys jav 0 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 0 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 0 --> (01) (w i t h i n t e r m i n a l )
1 Cachiycuy kumme 0 --> (01) (w i t h i n t e r m i n a l )

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Hsearch_Consensus.out

508 (Development o) 1.000

1 Paraphiomys pigo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Metaphiomys scha 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acritophiomys bo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Baluchimys barry 0 --> (01) (w i t h i n t e r m i n a l)
 1 Archetypomys erl 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tribosphenomys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cocomys ligchaen 0 --> (01) (w i t h i n t e r m i n a l)
 1 Reithroparamys d 0 --> (01) (w i t h i n t e r m i n a l)
 1 Birbalomys sonda 0 --> (01) (w i t h i n t e r m i n a l)
 1 Tamquammys di spi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chapattimys wils 0 --> (01) (w i t h i n t e r m i n a l)
 1 Ottomani a proavi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Bugtimys zafarul 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hodsahibi a azrae 0 --> (01) (w i t h i n t e r m i n a l)
 1 'Waslamys' attia 0 --> (01) (w i t h i n t e r m i n a l)
 1 Phiomys hammudai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cachi yacuy conta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoespina woodi -E 0 --> (01) (w i t h i n t e r m i n a l)
 1 Canaanimys maqui 0 --> (01) (w i t h i n t e r m i n a l)
 1 Protosteirromys m 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eosteirromys homo 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samyopsis a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neosteirromys pat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Erethizon dorsat 0 --> (01) (w i t h i n t e r m i n a l)
 1 Coendou prehensi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Steirromys detent 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hyposteirromys a 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chaetomys subspi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Palaeosteirromys 0 --> (01) (w i t h i n t e r m i n a l)
 1 Australoprocta f 0 --> (01) (w i t h i n t e r m i n a l)
 1 Luantus propheti 0 --> (01) (w i t h i n t e r m i n a l)
 1 Asteromys punctu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dolichotis patag 0 --> (01) (w i t h i n t e r m i n a l)
 1 Hydrochoerus hyd 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cavia aperea 0 --> (01) (w i t h i n t e r m i n a l)
 1 Galea spixii 0 --> (01) (w i t h i n t e r m i n a l)
 1 Perimys intermed 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoreomys austra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Brani samys luri b 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dasyprocta 0 --> (01) (w i t h i n t e r m i n a l)
 1 Cuniculus paca-t 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys pascua 0 --> (01) (w i t h i n t e r m i n a l)
 1 Incamys bolivi an 0 --> (01) (w i t h i n t e r m i n a l)
 1 Micromys croscleromys p 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys quadra 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys angust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Drytomomys aequa 0 --> (01) (w i t h i n t e r m i n a l)
 1 Potamarchus muri 0 --> (01) (w i t h i n t e r m i n a l)
 1 Dinomys branickei 0 --> (01) (w i t h i n t e r m i n a l)
 1 Neoepiblema ambr 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chinchilla lanig 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagidium viscaci 0 --> (01) (w i t h i n t e r m i n a l)
 1 Lagostomus maxim 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys osborn 0 --> (01) (w i t h i n t e r m i n a l)
 1 Garri domys curnu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia fras 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoviscaccia aust 0 --> (01) (w i t h i n t e r m i n a l)
 1 Scleromys praecu 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys ship 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys parvus 0 --> (01) (w i t h i n t e r m i n a l)
 1 Chambi ramys sylv 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys valver 0 --> (01) (w i t h i n t e r m i n a l)
 1 Eoincamys ameghi 0 --> (01) (w i t h i n t e r m i n a l)
 1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l)
 1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l)
 1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l)
 1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l)
 1 Acaremys murinus 0 --> (01) (w i t h i n t e r m i n a l)

Hsearch_Consensus.out

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1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi lli dewu estepa 0 --> (01) (wi thi n termi nal)
1 Prospani omys pri 0 --> (01) (wi thi n termi nal)
1     node_169 0 --> 1 node_168
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1     Octodon degus 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 Abrocoma bennett 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Thryonomys swi nd 0 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1     node_125 0 ==> 1 Erethi zon dorsat
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1     node_133 0 ==> 1 node_132
1 Peri mys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1     node_139 0 ==> 1 Dasyprocta
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)

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509 (Epi tympani c s) 0.333

Hsearch_Consensus.out

1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
 1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
 1 Scleromys angust 0 --> (01) (wi thi n termi nal)
 1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
 1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
 1 Dinomys branicki 0 --> (01) (wi thi n termi nal)
 1 Neoeptiblenema ambr 0 --> (01) (wi thi n termi nal)
 1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
 1 Garridomys curru 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia fras 0 --> (01) (wi thi n termi nal)
 1 Eoviscaccia aust 0 --> (01) (wi thi n termi nal)
 1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys ship 0 --> (01) (wi thi n termi nal)
 1 Eoincamys parvus 0 --> (01) (wi thi n termi nal)
 1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
 1 Eoincamys valver 0 --> (01) (wi thi n termi nal)
 1 Eoincamys ameghi 0 --> (01) (wi thi n termi nal)
 1 Draconomys verai 0 --> (01) (wi thi n termi nal)
 1 Leucocephalos ze 0 --> (01) (wi thi n termi nal)
 1 Platypitmys br 0 --> (01) (wi thi n termi nal)
 1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
 1 Acaremys murinus 0 --> (01) (wi thi n termi nal)
 1 Sci amys principa 0 --> (01) (wi thi n termi nal)
 1 Galileomys euryg 0 --> (01) (wi thi n termi nal)
 1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
 1 Spani omys ripari 0 --> (01) (wi thi n termi nal)
 1 Maruchi to trilof 0 --> (01) (wi thi n termi nal)
 1 Protadelphomys l 0 --> (01) (wi thi n termi nal)
 1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
 1 Neophanomys bipl 0 --> (01) (wi thi n termi nal)
 1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
 1 Adelphomys candi 0 --> (01) (wi thi n termi nal)
 1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
 1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
 1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
 1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
 1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
 1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
 1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
 1 Mayomys confluen 0 --> (01) (wi thi n termi nal)
 1 Eosall amys paula 0 --> (01) (wi thi n termi nal)
 1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
 1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
 1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
 1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
 1 Paraphi omys pi go 0 --> (01) (wi thi n termi nal)
 1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
 1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
 1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
 1 Archetypomys erl 0 --> (01) (wi thi n termi nal)
 1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
 1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
 1 Birbal omys sonda 0 --> (01) (wi thi n termi nal)
 1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
 1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
 1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
 1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
 1 Hodsahibi a azrae 0 --> (01) (wi thi n termi nal)
 1 'Wasl amys' attia 0 --> (01) (wi thi n termi nal)
 1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
 1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
 1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
 1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
 1 Protosteioromys m 0 --> (01) (wi thi n termi nal)
 1 Eosteioromys homo 0 --> (01) (wi thi n termi nal)

510 (Thickness of) 0.250

Hsearch_Consensus.out

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1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neoste i romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsoste i romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeoste i romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Peri mys i ntermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys pascua 0 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 0 --> (01) (wi thi n termi nal)
1 Mi croscleromys p 0 --> (01) (wi thi n termi nal)
1 Scleromys quadra 0 --> (01) (wi thi n termi nal)
1 Scleromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scleromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scleromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Acaremys muri nus 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal i leomys euryg 0 --> (01) (wi thi n termi nal)
1 Wi l l i dewu estepa 0 --> (01) (wi thi n termi nal)
1 node_182 0 --> 1 node_176
1 Spani omys ri pari 1 --> (01) (wi thi n termi nal)
1 Maruchi to tri lof 1 --> (01) (wi thi n termi nal)
1 node_171 1 --> 0 Thri chomys apere
1 Protadel phomys l 1 --> (01) (wi thi n termi nal)
1 node_175 1 --> 0 Mesocapromys/Mys
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Octodon degus 0 --> (01) (wi thi n termi nal)
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regula 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Pl esi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayal ie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 node_209 0 ==> 1 node_208
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 0 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Tri bosphenomys m 0 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 0 --> (01) (wi thi n termi nal)
1 Reithroparamys d 0 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 0 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 0 --> (01) (wi thi n termi nal)
1 Chapattimys wils 0 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 0 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 0 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 0 --> (01) (wi thi n termi nal)
1 'Waslamys' attia 0 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 0 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 0 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 0 --> (01) (wi thi n termi nal)
1 Protostei romys m 0 --> (01) (wi thi n termi nal)
1 Eostei romys homo 0 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 0 --> (01) (wi thi n termi nal)
1 Neostei romys pat 0 --> (01) (wi thi n termi nal)
1 Stei romys detent 0 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 0 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 0 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 0 --> (01) (wi thi n termi nal)
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 node_198 0 --> 1 node_197
1 Eoi ncamys pascua 1 --> (01) (wi thi n termi nal)
1 Incamys bol i vi an 1 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 1 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 1 --> (01) (wi thi n termi nal)
1 Scl eromys angust 1 --> (01) (wi thi n termi nal)
1 node_148 1 --> 0 node_145
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 1 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 1 --> (01) (wi thi n termi nal)
1 Garri domys curnu 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 1 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 1 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 1 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 1 --> (01) (wi thi n termi nal)
1 Chambi ramys sylv 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 1 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 1 --> (01) (wi thi n termi nal)
1 Draconomys verai 1 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 1 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 1 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 1 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 1 --> (01) (wi thi n termi nal)
1 Will idewu estepa 1 --> (01) (wi thi n termi nal)
1 node_183 1 ==> 0 node_182
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 Xenodontomys sim 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 node_180 0 --> 1 node_179
1 Pi thanotomys col 1 --> (01) (wi thi n termi nal)
1 Adel phomys candi 1 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 1 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 1 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 1 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 1 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 1 --> (01) (wi thi n termi nal)
1 Ple si acarechi mys 1 --> (01) (wi thi n termi nal)
1 Sal lamys pascual 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

512 (Accessory for) 0.250

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1 Mayomys confluen 1 --> (01) (wi thi n termi nal)
1 Eosal lamys paula 1 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 0 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 0 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 0 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 0 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 0 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 0 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 0 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 0 --> (01) (wi thi n termi nal)
1 Acritophi omys bo 0 --> (01) (wi thi n termi nal)
1 Baluchi mys barry 0 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Reithroparamys d 1 --> (01) (wi thi n termi nal)
1 Birbalomys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapattimys wils 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugtimys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bia azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' attia 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 node_140 1 --> 0 node_138
1 Austral oprocta f 0 --> (01) (wi thi n termi nal)
1 Luantus propheti 0 --> (01) (wi thi n termi nal)
1 Asteromys punctu 0 --> (01) (wi thi n termi nal)
1 Perimys intermed 0 --> (01) (wi thi n termi nal)
1 Neoreomys austra 0 --> (01) (wi thi n termi nal)
1 Brani samys luri b 0 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 node_198 1 --> 0 node_197
1 Eoi ncamys pasqua 0 --> (01) (wi thi n termi nal)
1 Incamys bol ivian 0 --> (01) (wi thi n termi nal)
1 Mi croscl eromys p 0 --> (01) (wi thi n termi nal)
1 Scl eromys quadra 0 --> (01) (wi thi n termi nal)
1 Scl eromys angust 0 --> (01) (wi thi n termi nal)
1 Drytomomys aequa 0 --> (01) (wi thi n termi nal)
1 Potamarchus muri 0 --> (01) (wi thi n termi nal)
1 Neoepi blema ambr 0 --> (01) (wi thi n termi nal)
1 Scl eromys osborn 0 --> (01) (wi thi n termi nal)
1 Garri domys curnu 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a fras 0 --> (01) (wi thi n termi nal)
1 Eovi scacci a aust 0 --> (01) (wi thi n termi nal)
1 Scl eromys praecu 0 --> (01) (wi thi n termi nal)
1 Chambi ramys shi p 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys parvus 0 --> (01) (wi thi n termi nal)
1 Chambi ramys syl v 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys val ver 0 --> (01) (wi thi n termi nal)
1 Eoi ncamys ameghi 0 --> (01) (wi thi n termi nal)
1 Draconomys verai 0 --> (01) (wi thi n termi nal)
1 Leucokephal os ze 0 --> (01) (wi thi n termi nal)
1 Platypi ttamys br 0 --> (01) (wi thi n termi nal)
1 Deseadomys aramb 0 --> (01) (wi thi n termi nal)
1 Sci amys pri nci pa 0 --> (01) (wi thi n termi nal)
1 Gal ileomys euryg 0 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Willidewu estepa 0 --> (01) (wi thi n termi nal)
1 Spani omys ri pari 0 --> (01) (wi thi n termi nal)
1 Maruchi to tril of 0 --> (01) (wi thi n termi nal)
1 Thri chomys apere 0 --> (01) (wi thi n termi nal)
1 Echi mys chrysuru 0 --> (01) (wi thi n termi nal)
1 Protadel phomys l 0 --> (01) (wi thi n termi nal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 Xenodontomys si m 0 --> (01) (wi thi n termi nal)
1 Neophanomys bi pl 0 --> (01) (wi thi n termi nal)
1 Pi thanotomys col 0 --> (01) (wi thi n termi nal)
1 Spal acopus cyanu 0 --> (01) (wi thi n termi nal)
1 node_183 0 ==> 1 Abrocoma bennett
1 Adel phomys candi 0 --> (01) (wi thi n termi nal)
1 Prosti chomys bow 0 --> (01) (wi thi n termi nal)
1 Sti chomys regul a 0 --> (01) (wi thi n termi nal)
1 Dudumus rui gomez 0 --> (01) (wi thi n termi nal)
1 Pampamys emmonsa 0 --> (01) (wi thi n termi nal)
1 Cavi ocricetus lu 0 --> (01) (wi thi n termi nal)
1 Plesi acarechi mys 0 --> (01) (wi thi n termi nal)
1 Sall amys pascual 0 --> (01) (wi thi n termi nal)
1 Mayomys confl uen 0 --> (01) (wi thi n termi nal)
1 Eosal lamys paul a 0 --> (01) (wi thi n termi nal)
1 Shapaj amys laboc 1 --> (01) (wi thi n termi nal)
1 Eobrani samys rom 1 --> (01) (wi thi n termi nal)
1 Eobrani samys jav 1 --> (01) (wi thi n termi nal)
1 Pozomys ucayalie 1 --> (01) (wi thi n termi nal)
1 Tarapotomys mayo 1 --> (01) (wi thi n termi nal)
1 Tarapotomys suba 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy kumme 1 --> (01) (wi thi n termi nal)
1 Paraphi omys pi go 1 --> (01) (wi thi n termi nal)
1 Metaphi omys scha 1 --> (01) (wi thi n termi nal)
1 Acri tophi omys bo 1 --> (01) (wi thi n termi nal)
1 Bal uchi mys barry 1 --> (01) (wi thi n termi nal)
1 Archetypomys erl 1 --> (01) (wi thi n termi nal)
1 Tri bosphenomys m 1 --> (01) (wi thi n termi nal)
1 Cocomys ligchaen 1 --> (01) (wi thi n termi nal)
1 Rei throparamys d 1 --> (01) (wi thi n termi nal)
1 Bi rbal omys sonda 1 --> (01) (wi thi n termi nal)
1 Tamquammys di spi 1 --> (01) (wi thi n termi nal)
1 Chapatti mys wi ls 1 --> (01) (wi thi n termi nal)
1 Ottomani a proavi 1 --> (01) (wi thi n termi nal)
1 Bugti mys zafarul 1 --> (01) (wi thi n termi nal)
1 Hodsahi bi a azrae 1 --> (01) (wi thi n termi nal)
1 'Wasl amys' atti a 1 --> (01) (wi thi n termi nal)
1 Phi omys hammudai 1 --> (01) (wi thi n termi nal)
1 Cachi yacuy conta 1 --> (01) (wi thi n termi nal)
1 Eoespi na woodi -E 1 --> (01) (wi thi n termi nal)
1 Canaani mys maqui 1 --> (01) (wi thi n termi nal)
1 Protostei romys m 1 --> (01) (wi thi n termi nal)
1 Eostei romys homo 1 --> (01) (wi thi n termi nal)
1 Brani samyopsi s a 1 --> (01) (wi thi n termi nal)
1 Neostei romys pat 1 --> (01) (wi thi n termi nal)
1 Erethi zon dorsat 1 --> (01) (wi thi n termi nal)
1 Coendou prehensi 1 --> (01) (wi thi n termi nal)
1 Stei romys detent 1 --> (01) (wi thi n termi nal)
1 Hypsostei romys a 1 --> (01) (wi thi n termi nal)
1 Chaetomys subspi 1 --> (01) (wi thi n termi nal)
1 Pal aeostei romys 1 --> (01) (wi thi n termi nal)
1 Austral oprocta f 1 --> (01) (wi thi n termi nal)
1 Luantus propheti 1 --> (01) (wi thi n termi nal)
1 Asteromys punctu 1 --> (01) (wi thi n termi nal)
1 Hydrochoerus hyd 1 --> (01) (wi thi n termi nal)
1 node_132 1 ==> 0 Gal ea spi xi i
1 Peri mys intermed 1 --> (01) (wi thi n termi nal)
1 Neoreomys austra 1 --> (01) (wi thi n termi nal)
1 Brani samys luri b 1 --> (01) (wi thi n termi nal)
1 Dasyprocta 1 --> (01) (wi thi n termi nal)
1 Cuni cul us paca-t 1 --> (01) (wi thi n termi nal)

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Hsearch_Consensus.out

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1 Eoincamys pascua 1 --> (01) (w i t h i n t e r m i n a l )
1 Incamys bolivi an 1 --> (01) (w i t h i n t e r m i n a l )
1 Miroscleromys p 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys quadra 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys angust 1 --> (01) (w i t h i n t e r m i n a l )
1 Drytomomys aequa 1 --> (01) (w i t h i n t e r m i n a l )
1 Potamarchus muri 1 --> (01) (w i t h i n t e r m i n a l )
1 Neoepiblema ambr 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys osborn 1 --> (01) (w i t h i n t e r m i n a l )
1 Garri domys curnu 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia fras 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoviscaccia aust 1 --> (01) (w i t h i n t e r m i n a l )
1 Scleromys praecu 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys ship 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys parvus 1 --> (01) (w i t h i n t e r m i n a l )
1 Chambi ramys sylv 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys valver 1 --> (01) (w i t h i n t e r m i n a l )
1 Eoincamys ameghi 1 --> (01) (w i t h i n t e r m i n a l )
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (w i t h i n t e r m i n a l )
1 Leucokephalos ze 0 --> (01) (w i t h i n t e r m i n a l )
1 Platypittamys br 0 --> (01) (w i t h i n t e r m i n a l )
1 Deseadomys aramb 0 --> (01) (w i t h i n t e r m i n a l )
1 Sci amys pri ncipa 0 --> (01) (w i t h i n t e r m i n a l )
1 Galileomys euryg 0 --> (01) (w i t h i n t e r m i n a l )
1 Willidewu estepa 0 --> (01) (w i t h i n t e r m i n a l )
1 node_187 0 --> 1 Prospani omys pri
1 Spani omys ri pari 0 --> (01) (w i t h i n t e r m i n a l )
1 Maruchi to trilof 0 --> (01) (w i t h i n t e r m i n a l )
1 Thrichomys apere 0 --> (01) (w i t h i n t e r m i n a l )
1 Echi mys chrysuru 0 --> (01) (w i t h i n t e r m i n a l )
1 Protadelphomys l 0 --> (01) (w i t h i n t e r m i n a l )
1 Mesocapromys/Mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Xenodontomys sim 0 --> (01) (w i t h i n t e r m i n a l )
1 Neophanomys bipl 0 --> (01) (w i t h i n t e r m i n a l )
1 Pi thanotomys col 0 --> (01) (w i t h i n t e r m i n a l )
1 Spalacopus cyanu 0 --> (01) (w i t h i n t e r m i n a l )
1 Abrocoma bennett 0 --> (01) (w i t h i n t e r m i n a l )
1 Adelphomys candi 0 --> (01) (w i t h i n t e r m i n a l )
1 Prosti chomys bow 0 --> (01) (w i t h i n t e r m i n a l )
1 Sti chomys regula 0 --> (01) (w i t h i n t e r m i n a l )
1 Dudumus rui gomez 0 --> (01) (w i t h i n t e r m i n a l )
1 Pampamys emmons 0 --> (01) (w i t h i n t e r m i n a l )
1 Cavi ocri cetus lu 0 --> (01) (w i t h i n t e r m i n a l )
1 Plesi acarechi mys 0 --> (01) (w i t h i n t e r m i n a l )
1 Sall amys pascual 0 --> (01) (w i t h i n t e r m i n a l )
1 Mayomys confl uen 1 --> (01) (w i t h i n t e r m i n a l )
1 Eosall amys paula 1 --> (01) (w i t h i n t e r m i n a l )
1 Shapaj amys laboc 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys rom 1 --> (01) (w i t h i n t e r m i n a l )
1 Eobrani samys jav 1 --> (01) (w i t h i n t e r m i n a l )
1 Pozomys ucayalie 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys mayo 1 --> (01) (w i t h i n t e r m i n a l )
1 Tarapotomys suba 1 --> (01) (w i t h i n t e r m i n a l )
1 Cachi yacuy kumme 1 --> (01) (w i t h i n t e r m i n a l )
1 Thryonomys swind 1 --> (01) (w i t h i n t e r m i n a l )
1 Paraphi omys pi go 1 --> (01) (w i t h i n t e r m i n a l )
1 Metaphi omys scha 1 --> (01) (w i t h i n t e r m i n a l )
1 Acritophi omys bo 1 --> (01) (w i t h i n t e r m i n a l )
1 Bal uchi mys barry 1 --> (01) (w i t h i n t e r m i n a l )

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Apomorphy lists:

Branch	Character	Steps	CI	Change
node_218 --> node_219	27 (Anterocingul)	1	0.444	0 --> 1
	64 (Metacone on)	1	0.222	0 --> 1
	203 (*Position o)	1	0.385	0 --> 1

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node_219 --> Archetypomys eri	24 (Length of th	1	0.500	1	==>	0	
	27 (Anterocingul	1	0.444	1	-->	0	
	28 (Posterior ar	1	0.500	1	==>	0	
	33 (Labial proto	1	0.333	1	-->	0	
	64 (Metacone on)	1	0.222	1	-->	0	
	125 (Parastyle o	1	0.842	1	-->	0	
	127 (Anterostyle	1	0.333	0	==>	1	
	133 (Lingual ant)	1	0.333	1	-->	0	
	136 (Outgrowth o	1	1.000	1	-->	0	
	138 (Outgrowth o	1	0.500	1	-->	0	
	187 (Hypocone on)	1	1.000	1	==>	0	
	203 (*Positi on o	1	0.385	1	-->	0	
	204 (Anterior ar)	1	0.714	1	==>	0	
	352 (*Trigoni d h)	1	0.667	1	-->	0	
	355 (*Di stance b	2	0.800	0	-->	2	
	361 (Thi ckness o	1	0.600	0	-->	1	
	391 (Ectol ophi d)	1	0.833	1	-->	0	
	395 (Positi on of)	1	0.421	0	-->	1	
	node_219 --> Tri bosphenomys m	22 (*Size of P4)	1	0.154	1	-->	2
		26 (Anterocingul	1	0.667	0	==>	1
29 (Protoconule)		1	0.667	0	==>	1	
33 (Labial proto		1	0.333	1	-->	0	
36 (Lingual prot)		1	0.250	0	==>	1	
41 (Metaconule o		1	0.500	0	==>	1	
68 (Metal oph on)		1	0.462	0	==>	1	
105 (Hypocone on)		1	1.000	1	-->	0	
115 (Metal oph on)		1	0.667	1	-->	0	
125 (Parastyle o		1	0.842	1	-->	0	
133 (Lingual ant)		1	0.333	1	-->	0	
136 (Outgrowth o		1	1.000	1	-->	0	
138 (Outgrowth o		1	0.500	1	-->	0	
164 (Mesostyle o		1	0.625	1	-->	0	
203 (*Positi on o		1	0.385	1	==>	2	
256 (*Devel opmen)		1	0.308	1	-->	2	
260 (Anterior ar)		1	0.455	0	-->	1	
352 (*Trigoni d h)		1	0.667	1	-->	0	
354 (*Length of)		1	0.360	0	-->	1	
355 (*Di stance b		2	0.800	0	-->	2	
362 (Lingual con)		1	1.000	0	-->	1	
396 (Anterior ar)		1	0.640	1	-->	0	
441 (*Devel opmen)		1	0.238	1	-->	2	
443 (*Devel opmen)		2	0.333	0	-->	2	
node_218 --> Cocomys ligchaen		27 (Anterocingul	1	0.444	0	-->	1
		42 (*Devel opment)	1	0.667	1	==>	0
		64 (Metacone on)	1	0.222	0	-->	1
	75 (Length of th	1	0.600	0	-->	1	
	78 (Anterocingul	1	0.250	0	==>	1	
	82 (Posterior ar)	1	0.333	0	==>	1	
	113 (Anterior ar)	1	0.600	0	-->	1	
	124 (Labial peri	1	1.000	0	==>	1	
	129 (Length of t	1	0.250	0	-->	1	
	173 (Anterior ar)	1	0.520	0	-->	1	
	174 (Posterior a	1	0.391	0	==>	1	
	254 (*Talonid of)	1	0.375	2	==>	1	
	256 (*Devel opmen)	1	0.308	1	==>	0	
	262 (Labial conn)	1	0.588	0	-->	1	
	357 (Positi on of)	1	0.231	1	==>	0	
	460 (Margi ns of)	1	0.250	0	-->	2	
	469 (*Devel opmen)	1	0.250	1	-->	2	
	486 (*Devel opmen)	2	0.222	0	-->	2	
	487 (Positi on of)	1	0.500	0	-->	1	
	490 (Devel opment)	1	0.250	0	-->	1	
492 (Anterior ma	1	0.400	1	-->	2		
495 (Masti cory a	1	0.333	0	-->	1		
node_218 --> node_217	1 (*Cusp(-id)s a	1	0.667	0	-->	1	
	3 (*Loph(-id)s (1	0.273	0	==>	1	
	30 (Outgrowth of)	1	0.333	0	-->	1	
	38 (*Ori entati on)	1	0.600	0	-->	1	

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	58 (Hypocone on)	1	0.333	0	-->	1
	83 (Protoconule)	1	1.000	0	==>	1
	87 (*Orientati on)	1	0.500	0	-->	1
	150 (*Orientati o)	1	0.727	0	-->	1
	154 (*Orientati o)	1	0.700	0	-->	1
	188 (Hypocone on)	1	0.500	0	-->	1
	189 (Devel opment)	1	1.000	0	==>	1
	203 (*Positi on o)	1	0.385	0	-->	1
	208 (Posteri or i)	1	0.100	0	-->	1
	252 (*Length of)	1	0.167	3	==>	2
	279 (Ectol ophi d)	1	0.500	0	==>	1
	293 (Anteri or ou)	1	0.500	0	==>	1
	317 (Metaconi d c)	1	0.571	0	-->	1
	340 (*Positi on o)	1	0.412	0	-->	1
	342 (Hypol ophi d)	1	1.000	0	-->	1
	353 (Tri goni d wi)	1	0.125	0	-->	1
	356 (Anteroci ngu)	1	0.667	0	-->	1
	361 (Thi ckness o)	1	0.600	0	-->	1
	395 (Positi on of)	1	0.421	0	-->	1
	397 (Posteri or i)	1	0.833	0	-->	1
	398 (Hypol ophi d)	1	1.000	0	-->	1
	456 (Length of t)	1	0.167	0	-->	1
	461 (*Length of)	1	0.118	1	-->	2
node_217 --> node_118	42 (*Devel opment)	1	0.667	1	==>	2
	43 (Mesostyle on)	1	0.500	0	==>	1
	75 (Length of th)	1	0.600	0	-->	1
	85 (Lingual prot)	1	0.500	0	-->	1
	129 (Length of t)	1	0.250	0	-->	1
	253 (Wi dth of p4)	1	0.111	1	==>	0
	257 (Metaconi d-p)	1	0.333	0	==>	1
	261 (Anteri or ar)	1	0.533	0	-->	1
	295 (Devel opment)	1	1.000	0	-->	1
	368 (Posteri or i)	1	0.600	0	-->	1
	408 (Hypoconul id)	1	0.667	0	==>	1
	460 (Margi ns of)	1	0.250	0	-->	1
	500 (Devel opment)	1	0.143	0	-->	1
node_118 --> Rei throparamys d	150 (*Orientati o)	1	0.727	1	-->	0
	154 (*Orientati o)	1	0.700	1	-->	0
	208 (Posteri or i)	1	0.100	1	-->	0
	252 (*Length of)	1	0.167	2	==>	1
	256 (*Devel opmen)	1	0.308	1	==>	0
	352 (*Tri goni d h)	1	0.667	1	==>	0
	353 (Tri goni d wi)	1	0.125	1	-->	0
	361 (Thi ckness o)	1	0.600	1	-->	0
	400 (Length of t)	1	1.000	1	==>	0
	406 (Hypoconul id)	1	0.800	0	==>	1
node_118 --> Bi rbal omys sonda	1 (*Cusp(-id)s a)	1	0.667	1	-->	0
	31 (Length of th)	1	0.333	0	==>	1
	49 (Anteri or arm)	1	0.500	1	==>	0
	50 (Posteri or ar)	1	0.556	1	==>	0
	173 (Anteri or ar)	1	0.520	0	-->	1
	201 (*Devel opmen)	1	0.400	0	==>	1
	203 (*Positi on o)	1	0.385	1	==>	2
	264 (Thi ckness o)	1	0.500	0	==>	1
	267 (Buccal meta)	1	0.667	0	==>	1
	276 (Mesoconi d o)	1	0.714	0	==>	1
	285 (Hypol ophi d)	1	0.667	0	==>	1
	294 (Hypoconul id)	1	0.750	0	==>	1
	357 (Positi on of)	1	0.231	1	==>	0
	358 (*Protoconi d)	1	0.333	0	==>	1
	389 (Mesol ophi d)	1	0.800	0	==>	1
node_217 --> node_216	16 (Type of HSB)	1	0.500	0	-->	1
	24 (Length of th)	1	0.500	1	==>	0
	29 (Protoconule)	1	0.667	0	==>	1
	32 (Height of th)	1	1.000	0	-->	1
	45 (Height of th)	1	1.000	0	-->	1
	47 (*Posteri or i)	2	0.600	0	-->	2
	65 (Metacone-pos)	1	0.286	0	-->	1

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	67 (Anterior arm)	1	0.500	0	-->	1
	73 (*DP4 length/)	1	0.333	0	-->	1
	74 (Labial peric)	1	1.000	0	-->	1
	76 (*Height of t)	1	0.500	0	-->	1
	77 (Anterocingul)	1	0.750	0	-->	1
	80 (Outgrowth of)	1	0.500	0	-->	1
	92 (Metaconule p)	1	1.000	0	-->	1
	93 (Mesostyle on)	1	0.833	0	-->	1
	106 (Development)	1	1.000	0	-->	1
	113 (Anterior ar)	1	0.600	0	-->	1
	118 (Lingual con)	1	0.800	1	-->	0
	119 (Direct meta)	1	1.000	0	-->	1
	144 (Protoconule)	1	1.000	0	=>	1
	190 (Development)	1	0.333	0	-->	1
	219 (Direct meta)	1	0.500	0	-->	1
	220 (Direct meta)	1	1.000	0	=>	1
	270 (Lingual con)	1	0.773	0	-->	1
	291 (Height of t)	1	0.250	0	-->	1
	296 (*Distance b)	1	0.167	1	-->	2
	302 (Proportions)	1	0.500	0	-->	1
	304 (Paraconid (	1	1.000	0	-->	1
	305 (Anteroconid)	1	0.286	0	-->	1
	332 (Mesoconid o)	1	0.667	0	-->	1
	347 (*Height of)	1	0.500	1	-->	2
	394 (Mesiodistal)	1	1.000	0	-->	1
	399 (Height of t)	1	1.000	0	-->	1
	439 (Notch for t)	1	0.360	4	-->	1
	440 (*Location o)	2	0.261	3	-->	1
	441 (*Development)	1	0.238	1	-->	0
	442 (*Anterior o)	2	0.214	2	-->	0
	443 (*Development)	1	0.333	0	-->	1
	448 (Height of t)	1	0.143	0	-->	1
	451 (*Posterior)	1	0.200	0	-->	1
	462 (*Posterior)	1	0.154	0	-->	1
	465 (Posterior s)	1	0.667	0	-->	1
	466 (Development)	1	1.000	0	=>	1
	471 (Postorbital)	1	0.077	0	-->	1
node_216 --> Tamquammys di spi	17 (*IPM arrange)	1	0.538	0	-->	1
	30 (Outgrowth of)	1	0.333	1	-->	0
	41 (Metaconule o)	1	0.500	0	=>	1
	58 (Hypocone on)	1	0.333	1	-->	0
	64 (Metacone on)	1	0.222	0	-->	1
	68 (Metaloph on)	1	0.462	0	=>	1
	127 (Anterostyle)	1	0.333	0	=>	1
	164 (Mesostyle o)	1	0.625	1	=>	0
	254 (*Talonid of)	2	0.375	2	=>	0
	258 (*Position o)	1	0.375	1	=>	0
	290 (Anterior ar)	1	0.500	1	=>	0
	382 (Protoconid)	1	1.000	0	=>	1
	396 (Anterior ar)	1	0.640	1	=>	0
	397 (Posterior i)	1	0.833	1	-->	0
node_216 --> node_215	26 (Anterocingul)	1	0.667	0	=>	1
	125 (Parastyle o)	1	0.842	1	=>	0
	126 (Height the)	1	1.000	0	-->	1
	130 (Anterocingu)	1	0.700	0	=>	1
	131 (Anterocingu)	1	0.500	0	=>	1
	157 (Mure on M3)	1	0.500	0	-->	1
	221 (Labial part)	1	1.000	0	=>	1
	264 (Thickness o)	1	0.500	0	=>	1
	280 (*Height of)	1	0.667	1	=>	2
	285 (Hypolophid)	1	0.667	0	-->	1
	358 (*Protoconid)	2	0.333	0	-->	2
	376 (Lingual con)	1	0.636	0	-->	2
	378 (Directi on o)	1	0.625	0	-->	1
	386 (Mesoconid o)	1	0.857	0	-->	1
	392 (Mesiolabial)	1	0.931	0	-->	1
	433 (*Mandible)	1	0.667	0	-->	1
node_215 --> Chapattimys wil s	16 (Type of HSB)	1	0.500	1	-->	0

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	38 (*Orientati on)	1	0.600	1	-->	0
	129 (Length of t)	1	0.250	0	-->	1
	155 (Mure on M1-)	1	0.667	0	==>	1
	169 (Anterior is)	1	0.778	0	==>	1
	171 (Posterior i)	1	0.640	0	==>	1
	173 (Anterior ar)	1	0.520	0	-->	1
	174 (Posterior a)	1	0.391	0	==>	1
	188 (Hypocone on)	1	0.500	1	==>	0
	201 (*Devel opmen)	1	0.400	0	==>	1
	203 (*Positi on o)	1	0.385	1	==>	2
	206 (Posterior i)	1	0.462	0	==>	1
	219 (Di rect meta)	1	0.500	1	-->	0
	276 (Mesoconi d o)	1	0.714	0	==>	1
	284 (*Posterior)	1	0.474	1	==>	0
	294 (Hypoconuli d)	1	0.750	0	==>	1
	357 (Positi on of)	1	0.231	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
node_215 -->	node_214	1	0.667	1	==>	2
	2 (Cusp(-id)s a)	1	1.000	0	==>	1
	37 (Height of th)	1	1.000	0	-->	1
	59 (Anterior arm)	1	0.778	0	-->	1
	128 (*Anteroci ng)	1	0.750	0	==>	1
	132 (Anteroci ngu)	1	1.000	0	==>	1
	133 (Lingual ant)	1	0.333	1	-->	0
	135 (*Protocone)	1	0.500	0	-->	1
	143 (Thi ckness o)	1	0.643	0	==>	1
	148 (*Height of)	1	0.571	1	==>	2
	152 (*Height of)	1	0.667	1	==>	2
	156 (Length of t)	1	1.000	0	-->	1
	159 (*Height of)	1	0.667	1	-->	2
	162 (Development)	1	1.000	0	==>	1
	163 (Metaconule)	1	1.000	0	==>	1
	175 (Thi rd crest)	1	0.333	0	==>	1
	177 (Mesol ophule)	1	0.583	0	==>	1
	194 (Anterior ar)	1	1.000	0	==>	1
	205 (Thi ckness o)	1	0.600	0	==>	1
	222 (Lingual con)	1	0.273	0	==>	1
	262 (Labial conn)	1	0.588	0	-->	1
	270 (Lingual con)	1	0.773	1	-->	3
	286 (Length of t)	1	0.571	0	-->	1
	352 (*Tri goni d h)	1	0.667	1	==>	2
	355 (*Di stance b)	1	0.800	0	==>	1
	364 (Height of t)	1	1.000	0	==>	1
	377 (Height of t)	1	1.000	0	==>	1
	379 (Labial conn)	1	1.000	0	==>	1
	404 (*Height of)	1	0.308	1	==>	2
node_214 -->	node_213	1	0.250	0	-->	1
	78 (Anteroci ngul)	1	0.333	0	-->	1
	82 (Posterior ar)	1	0.500	0	-->	1
	99 (Thi rd crest)	1	0.429	0	-->	1
	103 (Mesol ophule)	1	0.429	0	-->	1
	107 (Anterior ar)	1	1.000	0	==>	1
	116 (Posterior a)	1	0.667	0	-->	1
	137 (Length of t)	1	1.000	0	==>	1
	139 (Length of t)	1	0.500	0	-->	1
	141 (Length of t)	1	0.500	0	==>	1
	176 (Thi rd crest)	1	0.667	0	==>	1
	178 (Mesol ophule)	1	0.583	0	==>	1
	228 (Mesi al meso)	1	0.400	0	-->	1
	313 (Mesostyli d)	1	0.571	0	==>	1
	327 (Thi rd crist)	1	0.250	0	==>	1
	329 (Neomesol oph)	1	0.529	0	-->	1
	333 (Mesol ophi d)	1	0.500	0	==>	1
	341 (Posterior i)	1	0.846	1	==>	0
	345 (Devel opment)	1	0.800	1	-->	0
	375 (*Length of)	1	0.353	1	==>	0
node_213 -->	Ottomani a proavi	1	1.000	1	==>	0
	23 (Anteroci ngul)	1	0.333	1	-->	0
	30 (Outgrowth of)	1	0.333	1	-->	0
	33 (Labial proto)	1	0.333	1	==>	0

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	36 (Lingual prot)	1	0.250	0	==>	1
	58 (Hypocone on)	1	0.333	1	-->	0
	64 (Metacone on)	1	0.222	0	-->	1
	73 (*DP4 length/)	1	0.333	1	-->	0
	75 (Length of th)	1	0.600	0	-->	1
	76 (*Height of t)	1	0.500	1	-->	0
	77 (Anterocingul)	1	0.750	1	-->	0
	108 (Connecti on)	1	1.000	0	-->	1
	127 (Anterostyle)	1	0.333	0	==>	1
	129 (Length of t)	1	0.250	0	-->	1
	131 (Anterocingu)	1	0.500	1	==>	0
	133 (Lingual ant)	1	0.333	0	-->	1
	135 (*Protocone)	1	0.500	1	-->	0
	138 (Outgrowth o)	1	0.500	1	==>	0
	192 (Positi on of)	1	0.154	0	==>	1
	195 (Connecti on)	1	1.000	0	==>	1
	208 (Posterior i)	1	0.100	1	==>	0
	255 (Anterior ci)	1	0.667	0	==>	1
	259 (Metalophuli)	1	0.429	0	==>	1
	260 (Anterior ar)	1	0.455	0	==>	1
	261 (Anterior ar)	1	0.533	0	==>	1
	263 (Posterior a)	1	0.286	0	==>	1
	269 (Posterior a)	1	0.545	0	==>	1
	279 (Ectolophid)	1	0.500	1	==>	0
	285 (Hypolophid)	1	0.667	1	-->	0
	290 (Anterior ar)	1	0.500	1	==>	0
	293 (Anterior ou)	1	0.500	1	==>	0
	303 (Trigoni d wi)	1	0.125	0	==>	1
	308 (*Positi on o)	1	0.273	1	==>	2
	324 (Double ling)	1	0.857	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	338 (Alignment o)	1	0.308	0	==>	1
	395 (Positi on of)	1	0.421	1	==>	0
node_213 -->	51 (Third crest)	1	0.556	0	==>	1
node_212	52 (Mesolophule)	1	0.643	0	==>	1
	69 (Lingual conn)	1	0.615	1	-->	2
	71 (Direct metal)	1	1.000	0	==>	1
	91 (Devel opment)	1	0.500	0	-->	1
	120 (*Size of M1)	1	0.125	1	-->	0
	122 (M1 length/w)	1	0.071	0	==>	1
	134 (Anterior ar)	1	1.000	0	==>	1
	135 (*Protocone)	1	0.500	1	==>	2
	155 (Mure on M1-)	1	0.667	0	-->	1
	160 (Mure-protol)	1	0.500	0	-->	1
	232 (Hypoflexus)	1	0.800	0	-->	1
	306 (Devel opment)	1	0.500	1	==>	0
	336 (Ori entati on)	1	1.000	0	==>	1
	407 (Devel opment)	1	0.667	0	-->	1
node_212 -->	22 (*Size of P4)	1	0.154	1	-->	2
node_120	43 (Mesostyle on)	1	0.500	0	-->	1
	44 (*Devel opment)	1	0.636	1	-->	0
	46 (*Anterior is)	1	0.714	0	-->	1
	95 (*Anterior is)	1	1.000	0	==>	1
	96 (*Posterior i)	1	0.375	0	==>	1
	97 (Anterior arm)	1	0.375	0	==>	1
	98 (Posterior ar)	1	0.400	0	==>	1
	104 (Length of t)	1	1.000	0	==>	1
	114 (*Metacone-p)	1	0.375	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	1
	123 (M2 length/w)	1	0.154	0	==>	1
	158 (Length of t)	1	1.000	1	-->	0
	159 (*Height of)	1	0.667	2	-->	1
	169 (Anterior is)	1	0.778	0	-->	1
	171 (Posterior i)	1	0.640	0	-->	1
	173 (Anterior ar)	1	0.520	0	-->	1
	174 (Posterior a)	1	0.391	0	-->	1
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1

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	267 (Buccal meta)	1	0.667	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
node_120 --> node_119	345 (Development)	1	0.800	0	-->	1
	27 (Anterocingul)	1	0.444	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0
	91 (Development)	1	0.500	1	-->	0
	142 (Posterior a)	1	0.731	0	==>	1
	160 (Mure-protol)	1	0.500	1	-->	0
	193 (Position of)	1	1.000	0	==>	1
	234 (*Transversa)	2	0.286	0	==>	2
	256 (*Development)	1	0.308	1	==>	2
	260 (Anterior ar)	1	0.455	0	-->	1
	262 (Labial conn)	1	0.588	1	-->	0
	284 (*Posterior)	1	0.474	1	-->	2
	332 (Mesoconid o)	1	0.667	1	==>	0
	334 (Lingual con)	1	0.632	0	-->	2
	338 (Alignment o)	1	0.308	0	-->	1
	372 (*Length of)	1	0.731	1	-->	0
	373 (Lingual con)	1	0.905	0	==>	2
	386 (Mesoconid o)	1	0.857	1	-->	0
	407 (Development)	1	0.667	1	-->	0
	437 (*Location o)	1	0.143	1	-->	2
	443 (*Development)	1	0.333	1	-->	2
node_119 --> Bugtimsy zafarul	191 (Position of)	1	0.286	0	==>	1
	192 (Position of)	1	0.154	0	==>	1
	296 (*Distance b)	1	0.167	2	==>	1
	388 (Lingual con)	1	0.857	0	==>	3
node_119 --> Hodsahibi a azrae	73 (*DP4 length/)	1	0.333	1	==>	2
	135 (*Protocone)	1	0.500	2	==>	1
	255 (Anterior ci)	1	0.667	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	359 (Posterior a)	1	0.500	0	==>	1
node_120 --> 'Wasl amys' attia	42 (*Development)	1	0.667	1	==>	0
	46 (*Anterior is)	1	0.714	1	==>	2
	61 (Orientation)	1	0.500	0	-->	1
	76 (*Height of t)	1	0.500	1	-->	0
	95 (*Anterior is)	1	1.000	1	==>	2
	96 (*Posterior i)	1	0.375	1	==>	2
	139 (Length of t)	1	0.500	1	-->	0
	141 (Length of t)	1	0.500	1	==>	0
	190 (Development)	1	0.333	1	==>	0
	201 (*Development)	1	0.400	0	==>	1
	287 (Labial conn)	1	0.833	2	==>	0
	307 (Anterior ci)	1	0.500	0	==>	1
	308 (*Position o)	1	0.273	1	==>	2
	310 (Metalophuli)	1	0.600	0	==>	1
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	==>	1
	323 (Lingual con)	1	0.800	3	==>	0
	329 (Neomesoloph)	1	0.529	1	-->	0
	356 (Anterocingu)	1	0.667	1	==>	0
	376 (Lingual con)	1	0.636	2	==>	0
	441 (*Development)	1	0.238	0	-->	1
node_212 --> node_211	17 (*IPM arrange)	2	0.538	0	-->	2
	41 (Metaconule o)	1	0.500	0	==>	1
	55 (Lingual conn)	1	1.000	0	-->	2
	72 (Height of th)	1	1.000	0	-->	1
	78 (Anterocingul)	1	0.250	1	-->	0
	88 (Mure on DP4)	1	0.600	0	-->	1
	116 (Posterior a)	1	0.667	1	-->	0
	130 (Anterocingu)	1	0.700	1	==>	0
	143 (Thickness o)	1	0.643	1	-->	0
	150 (*Orientation)	1	0.727	1	-->	2
	154 (*Orientation)	1	0.700	1	-->	2
	161 (Metaconule)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	1	-->	2
	217 (Lingual con)	1	0.696	1	==>	2

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	265 (Mesostylid)	1	0.583	0	==>	1
	340 (*Position o)	1	0.412	1	==>	2
	354 (*Length of)	1	0.360	0	-->	1
	358 (*Protoconid)	1	0.333	2	-->	1
	390 (Lingual con)	1	1.000	0	-->	2
	396 (Anterior ar)	1	0.640	1	-->	0
	397 (Posterior i)	1	0.833	1	-->	0
	406 (Hypoconulid)	1	0.800	0	-->	1
node_211 --> node_210	408 (Hypoconulid)	1	0.667	0	==>	1
	10 (Substitution)	1	0.250	0	-->	1
	40 (Height of th)	1	1.000	0	-->	1
	89 (Lenght of th)	1	0.750	0	==>	1
	90 (Metaconule o)	1	1.000	0	==>	1
	118 (Lingual con)	1	0.800	0	-->	3
	120 (*Size of M1)	1	0.125	0	-->	1
	215 (Lingual con)	1	0.870	2	-->	3
	305 (Anteroconid)	1	0.286	1	-->	0
	311 (Lingual con)	1	0.333	0	-->	1
	312 (Labial conn)	1	0.500	0	-->	1
	344 (Hypoconulid)	1	0.750	0	-->	1
node_210 --> node_209	443 (*Devel opmen)	1	0.333	1	-->	2
	76 (*Height of t)	1	0.500	1	==>	2
	87 (*Orientati on)	1	0.500	1	==>	2
	114 (*Metacone-p)	2	0.375	0	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	128 (*Anteroci ng)	1	0.750	1	-->	2
	182 (*Length of)	1	0.625	0	-->	1
	206 (Posterior i)	1	0.462	0	-->	1
	307 (Anterior ci)	1	0.500	0	==>	1
	310 (Metalophuli)	1	0.600	0	==>	1
	356 (Anterocingu)	1	0.667	1	==>	0
	434 (*Length of)	1	0.333	0	-->	1
	437 (*Locati on o)	1	0.143	1	-->	2
node_209 --> node_207	440 (*Locati on o)	1	0.261	1	-->	0
	10 (Substitution)	1	0.250	1	-->	0
	17 (*IPM arrange)	1	0.538	2	-->	1
	84 (Orientati on)	1	0.471	0	-->	1
	94 (Surface of t)	1	0.333	0	-->	1
	97 (Anterior arm)	1	0.375	0	-->	1
	98 (Posterior ar)	1	0.400	0	-->	1
	100 (Mesoloph on)	1	0.429	0	-->	1
	112 (Development)	1	1.000	0	-->	1
	121 (*Size of M3)	1	0.130	1	-->	0
	179 (*Length of)	1	0.680	1	==>	0
	180 (Mesoloph on)	1	0.800	0	==>	1
	181 (Mesoloph on)	1	0.889	0	==>	1
	305 (Anteroconid)	1	0.286	0	-->	1
	314 (Anterior is)	1	0.500	0	-->	1
	366 (Mesostylid)	1	0.750	0	==>	1
	373 (Lingual con)	1	0.905	0	-->	2
	383 (Neomesoloph)	1	0.767	0	-->	1
	444 (*Devel opmen)	1	0.231	0	-->	1
	461 (*Length of)	2	0.118	2	-->	0
	474 (Frontal pro)	1	0.111	0	-->	1
	494 (Development)	1	0.167	0	-->	1
node_207 --> Phiomys hammudai	61 (Orientati on)	1	0.500	0	-->	1
	65 (Metacone-pos)	1	0.286	1	==>	0
	128 (*Anteroci ng)	1	0.750	2	-->	1
	192 (Positi on of)	1	0.154	0	==>	1
	206 (Posterior i)	1	0.462	1	-->	0
	256 (*Devel opmen)	1	0.308	1	==>	0
	287 (Labial conn)	1	0.833	2	==>	0
	306 (Development)	1	0.500	0	==>	1
	325 (Protoconid)	1	0.400	1	==>	0
	340 (*Positi on o)	1	0.412	2	==>	1
	344 (Hypoconulid)	1	0.750	1	-->	0
node_207 --> node_206	358 (*Protoconid)	1	0.333	1	==>	0
	25 (Height of th)	1	1.000	0	==>	1

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	39 (Mure on P4)	1	0.500	0	==>	1
	43 (Mesostyle on)	1	0.500	0	-->	1
	54 (Height of th)	1	0.500	0	-->	1
	55 (Lingual conn)	1	1.000	2	-->	1
	60 (Length of th)	1	0.500	0	-->	1
	66 (Fusion of th)	1	0.500	0	-->	1
	68 (Metaloph on)	1	0.462	0	-->	1
	69 (Lingual conn)	1	0.615	2	-->	0
	146 (Orientati on)	1	0.814	0	==>	1
	166 (*Devel opmen)	1	0.545	0	==>	1
	167 (*Height of)	1	0.750	0	==>	1
	168 (*Positi on o)	1	0.375	0	==>	1
	201 (*Devel opmen)	1	0.400	0	==>	1
	286 (Length of t)	1	0.571	1	==>	0
	296 (*Di stance b)	2	0.167	2	==>	0
	315 (Anterior co)	1	0.833	1	-->	0
	330 (Length of t)	1	0.500	0	-->	1
	339 (Mesoconi d-l)	1	0.625	0	-->	1
	358 (*Protoconi d)	1	0.333	1	-->	2
	396 (Anterior ar)	1	0.640	0	==>	1
node_206 --> node_205	38 (*Ori entati on)	1	0.600	1	==>	2
	174 (Posterior a)	1	0.391	0	-->	1
node_205 --> node_122	69 (Lingual conn)	1	0.615	0	-->	3
	115 (Metaloph on)	1	0.667	1	-->	0
	173 (Anterior ar)	1	0.520	0	-->	1
	270 (Lingual con)	1	0.773	3	-->	2
	272 (Neomesol oph)	1	0.632	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	284 (*Posterior)	1	0.474	1	-->	2
	341 (Posterior i)	1	0.846	0	==>	1
	441 (*Devel opmen)	1	0.238	0	-->	1
node_122 --> node_121	142 (Posterior a)	1	0.731	0	-->	1
	208 (Posterior i)	1	0.100	1	==>	0
node_121 --> Cachi yacuy conta	217 (Lingual con)	1	0.696	2	==>	0
	308 (*Positi on o)	1	0.273	1	==>	0
node_121 --> Eoespi na woodi -E	111 (Metacone on)	1	0.167	0	==>	1
	122 (M1 length/w)	1	0.071	0	==>	1
	357 (Positi on of)	1	0.231	1	==>	0
node_122 --> Canaani mys maqui	147 (Lingual pro)	1	0.643	0	==>	1
	184 (Double ling)	1	1.000	0	==>	1
	215 (Lingual con)	1	0.870	3	==>	2
	323 (Lingual con)	1	0.800	3	==>	2
	340 (*Positi on o)	1	0.412	2	==>	1
node_205 --> node_204	62 (Pronounced A)	1	0.444	0	==>	1
	73 (*DP4 length/)	1	0.333	1	==>	2
	117 (Lingual spu)	1	0.667	0	==>	1
	122 (M1 length/w)	1	0.071	0	==>	1
	252 (*Length of)	1	0.167	2	-->	1
	253 (Width of p4)	1	0.111	1	-->	0
	284 (*Posterior)	1	0.474	1	==>	0
	305 (Anteroconi d)	1	0.286	1	-->	0
	314 (Anterior is)	1	0.500	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	437 (*Locati on o)	1	0.143	2	-->	1
node_204 --> node_201	35 (Orientati on)	1	0.450	0	-->	1
	47 (*Posterior i)	1	0.600	2	-->	1
	56 (Mesol oph on)	1	0.750	0	==>	1
	109 (Pronounced)	1	0.333	0	-->	1
	214 (Posterol oph)	1	0.846	0	==>	1
	217 (Lingual con)	1	0.696	2	==>	4
	270 (Lingual con)	1	0.773	3	-->	0
	334 (Lingual con)	1	0.632	0	-->	1
	443 (*Devel opmen)	1	0.333	2	-->	1
node_201 --> node_198	52 (Mesol ophul e)	1	0.643	1	==>	0
	82 (Posterior ar)	1	0.333	1	-->	0
	179 (*Length of)	1	0.680	0	-->	1
	196 (Pronounced)	1	0.742	0	-->	1
	197 (Pronounced)	1	0.435	0	==>	1

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	225 (Size of the	1	0.400	1	-->	0
	329 (Neomesol oph	1	0.529	0	-->	1
	334 (Lingual con	1	0.632	1	-->	2
	339 (Mesoconi d-l	1	0.625	1	-->	0
	375 (*Length of)	1	0.353	0	==>	1
	441 (*Devel opmen	1	0.238	0	==>	1
node_198 -->	31 (Length of th	1	0.333	0	==>	1
node_141	49 (Anterior arm	1	0.500	1	-->	0
	66 (Fusion of th	1	0.500	1	==>	0
	68 (Metal oph on)	1	0.462	1	==>	0
	69 (Lingual conn	1	0.615	0	-->	3
	84 (Orientati on)	1	0.471	1	-->	0
	109 (Pronounced)	1	0.333	1	-->	0
	123 (M2 length/w	1	0.154	0	==>	1
	142 (Posterior a	1	0.731	0	==>	1
	174 (Posterior a	1	0.391	1	-->	0
	208 (Posterior i	1	0.100	1	-->	0
	243 (Posterior p	1	0.333	0	-->	1
	248 (*Number of)	1	0.667	1	-->	2
	249 (*Number of)	1	0.667	1	-->	2
	252 (*Length of)	1	0.167	1	==>	0
	272 (Neomesol oph	1	0.632	0	-->	1
	303 (Tri goni d wi	1	0.125	0	==>	1
	326 (Connecti on)	1	0.667	0	-->	1
	340 (*Positi on o	1	0.412	2	==>	1
	384 (Length of t	1	0.700	0	==>	1
	395 (Positi on of)	1	0.421	1	==>	0
	396 (Anterior ar	1	0.640	1	-->	0
	444 (*Devel opmen	1	0.231	1	==>	2
	446 (*Depth of t	1	0.667	0	-->	1
	457 (*Length of)	1	0.154	1	==>	2
	482 (Associ ati on	1	0.500	0	-->	1
	499 (Devel opment)	1	0.111	0	-->	1
	501 (Sagi ttal cr	1	0.333	0	-->	1
node_141 -->	146 (Orientati on	1	0.814	1	-->	2
node_130	185 (Lingual con	1	0.688	1	-->	0
	196 (Pronounced)	1	0.742	1	-->	0
	208 (Posterior i	1	0.100	0	-->	1
	256 (*Devel opmen	1	0.308	1	-->	0
	269 (Posterior a	1	0.545	0	==>	1
	282 (Notch betwe	1	0.500	0	-->	1
	283 (Devel opment)	1	0.600	0	-->	1
	308 (*Positi on o	1	0.273	1	-->	2
	314 (Anterior is)	1	0.500	0	-->	1
	317 (Metaconi d c	1	0.571	1	==>	0
	323 (Lingual con	1	0.800	3	-->	4
	341 (Posterior i	1	0.846	0	-->	1
	357 (Positi on of)	1	0.231	1	-->	0
	375 (*Length of)	1	0.353	1	==>	0
	440 (*Locati on o	1	0.261	0	==>	1
	442 (*Anterior o	1	0.214	0	-->	1
	469 (*Devel opmen	1	0.250	1	-->	2
	485 (*Positi on o	1	0.231	2	-->	3
	487 (Positi on of)	1	0.500	0	-->	1
node_130 -->	52 (Mesol ophul e)	1	0.643	0	-->	1
node_128	73 (*DP4 length/)	1	0.333	2	-->	1
	78 (Anteroci ngul	1	0.250	0	-->	1
	82 (Posterior ar	1	0.333	0	-->	1
	84 (Orientati on)	1	0.471	0	-->	2
	96 (*Posterior i	1	0.375	0	-->	1
	197 (Pronounced)	1	0.435	1	==>	0
	277 (Mesol ophi d)	1	0.929	0	-->	1
	284 (*Posterior)	1	0.474	0	-->	1
	397 (Posterior i	1	0.833	0	==>	1
	434 (*Length of)	1	0.333	1	-->	0
node_128 -->	153 (Length of t	1	0.667	0	==>	1
Protostei romys m	178 (Mesol ophul e)	1	0.583	1	==>	0
	353 (Tri goni d wi	1	0.125	1	==>	0

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	357 (Position of)	1	0.231	0	-->	1
	372 (*Length of)	1	0.731	1	==>	2
node_128 --> node_127	123 (M2 length/w)	1	0.154	1	==>	0
	130 (Anterocingu)	1	0.700	0	==>	1
	372 (*Length of)	1	0.731	1	-->	0
node_127 --> node_126	21 (Third upper)	1	0.333	0	-->	1
	22 (*Size of P4)	1	0.154	1	-->	0
	70 (Lingual conn)	1	0.333	0	-->	1
	73 (*DP4 length/)	1	0.333	1	-->	0
	111 (Metacone on)	1	0.167	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	122 (M1 length/w)	1	0.071	1	-->	0
	192 (Position of)	1	0.154	0	-->	1
	256 (*Development)	2	0.308	0	==>	2
	258 (*Position o)	1	0.375	1	-->	2
	456 (Length of t)	1	0.167	1	-->	0
	464 (Interorbital)	1	0.333	0	-->	1
node_126 --> node_124	62 (Pronounced A)	1	0.444	1	==>	0
	143 (Thickness o)	1	0.643	0	-->	1
	179 (*Length of)	1	0.680	1	-->	0
	203 (*Position o)	1	0.385	1	==>	2
	281 (Interruptio)	1	1.000	0	-->	1
	284 (*Posterior)	1	0.474	1	==>	2
	317 (Metaconid c)	1	0.571	0	-->	1
	354 (*Length of)	1	0.360	1	-->	2
	444 (*Development)	2	0.231	2	-->	0
	451 (*Posterior)	1	0.200	1	-->	0
	452 (*Dorsoventr)	1	0.222	0	-->	1
	457 (*Length of)	1	0.154	2	-->	1
	459 (*Palatal ri)	1	0.500	0	==>	1
	462 (*Posterior)	1	0.154	1	-->	0
node_124 --> Eosteioromys homo	20 (*Incisors pr)	1	0.125	1	==>	0
	35 (Orientation)	1	0.450	1	==>	2
	47 (*Posterior i)	1	0.600	1	-->	2
	48 (Mesostyle an)	1	1.000	0	==>	1
	51 (Third crest)	1	0.556	1	==>	0
	52 (Mesolophule)	1	0.643	1	-->	0
	56 (Mesoloph on)	1	0.750	1	==>	0
	67 (Anterior arm)	1	0.500	1	==>	0
	69 (Lingual conn)	1	0.615	3	==>	2
	130 (Anterocingu)	1	0.700	1	==>	0
	330 (Length of t)	1	0.500	1	==>	0
	353 (Trigoni d wi)	1	0.125	1	==>	0
node_124 --> node_123	20 (*Incisors pr)	1	0.125	1	-->	2
	22 (*Size of P4)	1	0.154	0	-->	1
	36 (Lingual prot)	1	0.250	0	==>	1
	49 (Anterior arm)	1	0.500	0	-->	1
	120 (*Size of M1)	1	0.125	1	-->	0
	142 (Posterior a)	1	0.731	1	==>	0
	147 (Lingual pro)	1	0.643	0	-->	1
	166 (*Development)	1	0.545	1	-->	2
	173 (Anterior ar)	1	0.520	0	==>	1
	174 (Posterior a)	1	0.391	0	==>	1
	268 (Neocristid)	1	0.250	0	-->	1
	276 (Mesoconid o)	1	0.714	0	-->	1
	323 (Lingual con)	1	0.800	4	-->	1
	328 (*Orientatio)	1	0.467	0	-->	1
	370 (Neocristid)	1	0.667	0	==>	1
	396 (Anterior ar)	1	0.640	0	-->	1
node_123 --> Brani samyopsis a	65 (Metacone-pos)	1	0.286	1	==>	0
	192 (Position of)	1	0.154	1	-->	0
	197 (Pronounced)	1	0.435	0	==>	1
	217 (Lingual con)	1	0.696	4	==>	2
	357 (Position of)	1	0.231	0	==>	1
	360 (Length of t)	1	0.650	0	==>	1
node_123 --> Neosteioromys pat	27 (Anterocingul)	1	0.444	0	==>	1
	31 (Length of th)	1	0.333	1	==>	0
	44 (*Development)	1	0.636	1	==>	2

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	46 (*Anterior is)	1	0.714	0	==>	1
	169 (Anterior is)	1	0.778	0	==>	1
	171 (Posterior i)	1	0.640	0	==>	1
	368 (Posterior i)	1	0.600	0	==>	1
node_126 --> node_125	182 (*Length of)	1	0.625	1	-->	0
	210 (Mesostyle a)	1	1.000	0	==>	1
	329 (Neomesoloph)	1	0.529	1	-->	0
	334 (Lingual con)	1	0.632	2	-->	1
	384 (Length of t)	1	0.700	1	==>	0
	440 (*Locati on o)	1	0.261	1	==>	2
	441 (*Devel opmen)	1	0.238	1	==>	2
	444 (*Devel opmen)	1	0.231	2	==>	3
	458 (*Shape of t)	1	0.143	2	==>	1
	460 (Margins of)	1	0.250	0	-->	2
	471 (Postorbital)	1	0.077	1	==>	0
	474 (Frontal pro)	1	0.111	1	-->	0
node_125 --> Erethizon dorsat	11 (Upper tooth)	1	0.125	0	==>	1
	20 (*Incisors pr)	1	0.125	1	==>	2
	70 (Lingual conn)	1	0.333	1	-->	0
	121 (*Size of M3)	1	0.130	1	==>	2
	191 (Position of)	1	0.286	0	==>	1
	197 (Pronounced)	1	0.435	0	==>	1
	258 (*Positi on o)	1	0.375	2	-->	
	(O1)					
	434 (*Length of)	1	0.333	0	-->	1
	439 (Notch for t)	1	0.360	1	==>	0
	448 (Height of t)	1	0.143	1	==>	0
	458 (*Shape of t)	1	0.143	1	==>	0
node_125 --> Coendou prehensi	509 (Epi tympani c)	1	0.333	0	==>	1
	122 (M1 length/w)	1	0.071	0	-->	1
	123 (M2 length/w)	1	0.154	0	==>	1
	192 (Positi on of)	1	0.154	1	-->	0
	464 (Interorbi ta)	1	0.333	1	-->	0
	485 (*Positi on o)	1	0.231	3	-->	2
	486 (*Devel opmen)	1	0.222	0	==>	1
	498 (Contact bet)	1	0.167	1	==>	0
	501 (Sagittal cr)	1	0.333	1	-->	0
node_127 --> Steiromys detent	506 (Mastoid pro)	1	0.250	1	==>	0
	50 (Posterior ar)	1	0.556	1	==>	0
	53 (Length of th)	1	0.750	0	==>	1
	114 (*Metacone-p)	1	0.375	2	-->	1
	120 (*Size of M1)	1	0.125	1	==>	0
	171 (Posterior i)	1	0.640	0	==>	1
	211 (Metaloph on)	1	0.647	0	==>	1
	223 (Lingual con)	1	0.333	1	==>	0
	265 (Mesostylid)	1	0.583	1	==>	0
	268 (Neocristid)	1	0.250	0	==>	1
	278 (Length of t)	1	1.000	0	==>	1
	328 (*Orientati o)	1	0.467	0	==>	1
node_130 --> node_129	5 (*Orientati on)	1	0.571	0	==>	1
	20 (*Incisors pr)	1	0.125	1	-->	0
	44 (*Devel opment)	1	0.636	1	-->	2
	56 (Mesoloph on)	1	0.750	1	-->	0
	65 (Metacone-pos)	1	0.286	1	==>	0
	102 (Lingual con)	1	0.857	1	-->	0
	103 (Mesolophul e)	1	0.429	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
	120 (*Si ze of M1)	1	0.125	1	-->	2
	152 (*Hei ght of)	1	0.667	2	-->	1
	166 (*Devel opmen)	1	0.545	1	==>	2
	179 (*Length of)	1	0.680	1	-->	0
	201 (*Devel opmen)	1	0.400	1	-->	2
	202 (Devel opment)	1	0.400	0	-->	1
	223 (Lingual con)	1	0.333	1	==>	0
	261 (Anterior ar)	1	0.533	0	-->	1
	262 (Labial conn)	1	0.588	1	-->	0
	272 (Neomesoloph)	1	0.632	1	-->	0
	318 (Neocristid)	1	1.000	0	-->	1

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340 (*Position o) 1 0.412 1 --> 0
376 (Lingual con) 1 0.636 2 --> 3
383 (Neomesol oph) 1 0.767 1 --> 0
401 (Obliquity o) 1 0.632 0 ==> 1
438 (Position of) 1 0.286 0 --> 1
447 (Coronoid pr) 1 0.500 0 --> 1
450 (Length of t) 1 0.500 0 --> 1
460 (Margins of ) 1 0.250 0 --> 2
489 (Sphenopal at) 1 0.375 1 --> 0
node_129 --> Hypsostei romys a 4 (*Orientati on ) 1 0.500 0 ==> 1
5 (*Orientati on ) 1 0.571 1 ==> 2
11 (Upper tooth ) 1 0.125 0 ==> 1
22 (*Size of P4 ) 1 0.154 1 ==> 0
47 (*Posterior i ) 1 0.600 1 --> 2
51 (Third crest ) 1 0.556 1 ==> 0
84 (Orientati on ) 1 0.471 0 --> 1
150 (*Orientati o) 1 0.727 2 ==> 1
154 (*Orientati o) 1 0.700 2 ==> 1
191 (Position of) 1 0.286 0 ==> 1
203 (*Positi on o) 1 0.385 1 ==> 2
442 (*Anterior o) 1 0.214 1 --> 0
461 (*Length of ) 2 0.118 0 ==> 2
node_129 --> Chaetomys subspi 3 (*Loph(-id)s ( ) 1 0.273 1 ==> 2
8 (*Cement (in y) 2 0.074 0 ==> 2
9 (*Degree of hy) 2 0.111 0 ==> 2
22 (*Size of P4 ) 1 0.154 1 ==> 2
35 (Orientati on ) 1 0.450 1 ==> 0
39 (Mure on P4) 1 0.500 1 ==> 0
47 (*Posterior i ) 1 0.600 1 ==> 0
87 (*Orientati on) 1 0.500 2 ==> 1
88 (Mure on DP4) 1 0.600 1 ==> 0
146 (Orientati on) 1 0.814 2 ==> 0
155 (Mure on M1-) 1 0.667 1 ==> 0
157 (Mure on M3) 1 0.500 1 ==> 0
168 (*Positi on o) 1 0.375 1 ==> 0
206 (Posterior i ) 1 0.462 1 ==> 0
208 (Posterior i ) 1 0.100 1 --> 0
222 (Lingual con) 1 0.273 1 ==> 0
244 (Lami nes on ) 1 0.250 0 ==> 1
245 (Lami nes on ) 1 0.200 0 ==> 1
253 (Wi dth of p4) 1 0.111 0 ==> 1
254 (*Talonid of) 1 0.375 2 ==> 1
265 (Mesostylid ) 1 0.583 1 ==> 0
359 (Posterior a) 1 0.500 0 ==> 1
366 (Mesostylid ) 1 0.750 1 ==> 0
371 (Posterior a) 1 0.706 0 ==> 1
441 (*Devel opmen) 1 0.238 1 ==> 2
443 (*Devel opmen) 1 0.333 1 ==> 2
458 (*Shape of t) 2 0.143 2 ==> 0
472 (Devel opment) 1 0.333 0 ==> 1
488 (Palatine fo) 1 0.250 0 ==> 1
node_141 --> Pal aeostei romys 182 (*Length of ) 1 0.625 1 ==> 0
360 (Length of t) 1 0.650 0 ==> 1
370 (Neocristid ) 1 0.667 0 ==> 1
375 (*Length of ) 1 0.353 1 ==> 2
393 (Alignment o) 1 0.875 0 ==> 1
396 (Anterior ar) 1 0.640 0 --> 1
397 (Posterior i ) 1 0.833 0 ==> 1
node_141 --> node_140 9 (*Degree of hy) 2 0.111 0 ==> 2
36 (Lingual prot) 1 0.250 0 --> 1
47 (*Posterior i ) 1 0.600 1 ==> 0
57 (Lingual conn) 1 0.692 1 ==> 0
70 (Lingual conn) 1 0.333 0 ==> 1
79 (Neocrestule ) 1 0.750 0 --> 1
97 (Anterior arm) 1 0.375 1 --> 0
98 (Posterior ar) 1 0.400 1 --> 0
146 (Orientati on) 1 0.814 1 ==> 0
205 (Thi ckness o) 1 0.600 1 --> 0

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	266 (*Anterior i)	1	0.846	1	==>	0
	325 (Protoconid)	1	0.400	1	-->	0
	388 (Lingual con)	1	0.857	0	==>	2
	401 (Obliquity o)	1	0.632	0	==>	1
	404 (*Height of)	2	0.308	2	-->	0
	444 (*Development)	1	0.231	2	-->	3
	449 (Condyloid a)	1	0.667	0	==>	1
	452 (*Dorsoventr)	2	0.222	0	-->	2
	454 (Anterior pr)	1	0.111	0	-->	1
	462 (*Posterior)	1	0.154	1	-->	0
	469 (*Development)	1	0.250	1	-->	0
	474 (Frontal pro)	1	0.111	1	-->	0
	481 (*Development)	2	0.400	0	==>	2
	490 (Development)	1	0.250	0	-->	1
	495 (Masticory a)	1	0.333	0	-->	1
node_140 --> node_138	3 (*Loph(-id)s)	1	0.273	1	==>	2
	49 (Anterior arm)	1	0.500	0	-->	1
	222 (Lingual con)	1	0.273	1	==>	0
	249 (*Number of)	2	0.667	2	-->	4
	258 (*Position o)	1	0.375	1	-->	2
	262 (Labial conn)	1	0.588	1	-->	0
	270 (Lingual con)	1	0.773	0	-->	2
	374 (Posterior a)	1	0.375	0	==>	1
	384 (Length of t)	1	0.700	1	-->	0
	389 (Mesolophid)	1	0.800	0	==>	1
	390 (Lingual con)	1	1.000	2	-->	1
	438 (Position of)	1	0.286	0	-->	2
	446 (*Depth of t)	1	0.667	1	-->	2
	461 (*Length of)	2	0.118	0	==>	2
	485 (*Position o)	2	0.231	2	-->	0
	499 (Development)	1	0.111	1	-->	0
node_138 --> node_137	512 (Accessory f)	1	0.250	1	-->	0
	11 (Upper tooth)	1	0.125	0	==>	1
	17 (*IPM arrange)	1	0.538	1	==>	0
	31 (Length of th)	1	0.333	1	==>	0
	63 (Tendency to)	1	0.286	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	223 (Lingual con)	1	0.333	1	-->	0
	227 (*Reduction)	2	0.143	0	-->	2
	229 (*Reduction)	1	0.167	0	-->	1
	230 (Posteroflex)	1	0.500	0	-->	1
	231 (Reduction o)	1	0.400	0	-->	1
	261 (Anterior ar)	1	0.533	0	-->	1
	303 (Trigoni d wi)	1	0.125	1	-->	0
	322 (Posterior a)	1	0.600	1	-->	0
	329 (Neomesoloph)	1	0.529	1	-->	0
	334 (Lingual con)	1	0.632	2	-->	0
	357 (Position of)	1	0.231	1	==>	0
	410 (Strong redu)	1	0.125	0	-->	1
	440 (*Location o)	1	0.261	0	==>	1
	457 (*Length of)	1	0.154	2	==>	1
	462 (*Posterior)	1	0.154	0	-->	1
node_137 --> Australoprocta f	9 (*Degree of hy)	1	0.111	2	==>	1
	52 (Mesolophule)	1	0.643	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	192 (Position of)	1	0.154	0	==>	1
	227 (*Reduction)	2	0.143	2	-->	0
	229 (*Reduction)	1	0.167	1	-->	0
	258 (*Position o)	1	0.375	2	-->	1
	289 (Alignment o)	1	0.800	0	==>	1
	292 (Length of t)	1	0.750	0	==>	1
node_137 --> node_136	12 (Degree of th)	1	0.250	0	-->	1
	19 (*Lower incis)	1	0.231	0	-->	1
	35 (Orientation)	1	0.450	1	-->	0
	63 (Tendency to)	1	0.286	1	-->	0
	121 (*Size of M3)	1	0.130	1	-->	2
	196 (Pronounced)	1	0.742	1	-->	0
	197 (Pronounced)	1	0.435	1	-->	0

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	199 (Metacone on)	1	0.444	0	-->	1
	213 (Height of t)	1	0.667	2	-->	0
	214 (Posterol oph)	1	0.846	1	==>	0
	229 (*Reducti on)	1	0.167	1	-->	2
	234 (*Transversa)	2	0.286	0	==>	2
	235 (Formati on o)	1	0.200	0	==>	1
	252 (*Length of)	1	0.167	0	-->	1
	263 (Posterior a)	1	0.286	0	==>	1
	270 (Lingual con)	1	0.773	2	-->	3
	272 (Neomesol oph)	1	0.632	1	-->	0
	371 (Posterior a)	1	0.706	0	-->	1
	395 (Positi on of)	1	0.421	0	-->	1
	404 (*Height of)	2	0.308	0	-->	2
	416 (Transversal)	1	1.000	0	==>	1
	418 (Formati on o)	1	0.400	0	==>	1
	443 (*Devel opmen)	1	0.333	1	-->	2
	458 (*Shape of t)	1	0.143	2	-->	1
	460 (Margins of)	1	0.250	0	-->	1
	461 (*Length of)	1	0.118	2	-->	1
	467 (Maxillary o)	1	0.400	0	-->	1
	471 (Postorbital)	1	0.077	1	-->	0
	492 (Anterior ma)	1	0.400	1	-->	0
	501 (Sagittal cr)	1	0.333	1	-->	0
node_136 --> Luantus propheti	6 (Furrow opposi)	1	0.500	0	==>	1
	94 (Surface of t)	1	0.333	1	==>	0
	312 (Labial conn)	1	0.500	1	==>	0
	338 (Alignment o)	1	0.308	0	==>	1
	367 (Anterior is)	1	0.842	1	==>	0
node_136 --> node_135	33 (Labial proto)	1	0.333	1	-->	0
	39 (Mure on P4)	1	0.500	1	-->	0
	211 (Metaloph on)	1	0.647	0	-->	1
	226 (Paraflexus)	1	0.143	0	-->	1
	228 (Mesial meso)	1	0.400	1	-->	0
	259 (Metalophuli)	1	0.429	0	==>	1
	260 (Anterior ar)	1	0.455	0	==>	1
	267 (Buccal meta)	1	0.667	0	==>	1
	308 (*Positi on o)	1	0.273	1	-->	0
	313 (Mesostylid)	1	0.571	1	-->	0
	327 (Thi rd crist)	1	0.250	1	-->	0
	333 (Mesolophid)	1	0.500	1	-->	0
	340 (*Positi on o)	1	0.412	1	-->	2
	396 (Anterior ar)	1	0.640	0	-->	1
	412 (Strong redu)	1	0.250	0	-->	1
	439 (Notch for t)	1	0.360	1	-->	2
	441 (*Devel opmen)	1	0.238	1	-->	2
	445 (Devel opment)	1	0.500	0	-->	1
	453 (Alveolar pr)	1	0.333	0	-->	1
node_135 --> Asteromys punctu	9 (*Degree of hy)	1	0.111	2	==>	1
	252 (*Length of)	1	0.167	1	-->	0
	256 (*Devel opmen)	1	0.308	1	==>	0
	258 (*Positi on o)	1	0.375	2	-->	1
	265 (Mesostylid)	1	0.583	1	==>	0
	284 (*Posterior)	1	0.474	0	==>	1
	417 (Importance)	1	1.000	1	==>	0
node_135 --> node_134	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	256 (*Devel opmen)	1	0.308	1	-->	2
	269 (Posterior a)	1	0.545	0	-->	1
	282 (Notch betwe)	1	0.500	0	-->	1
	283 (Devel opment)	1	0.600	0	-->	1
	360 (Length of t)	1	0.650	0	-->	1
	409 (Anteroflexi)	1	0.286	0	==>	1
	411 (Mesoflexid)	1	0.250	0	==>	1
	413 (Metaflexid)	1	0.500	0	==>	1
node_134 --> node_133	6 (Furrow opposi)	1	0.500	0	==>	1
	253 (Width of p4)	1	0.111	0	-->	1
	297 (Anterior pr)	1	1.000	0	==>	1
	433 (*Mandi ble)	1	0.667	1	==>	2

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node_133 --> node_131 254 (*Taloni d of) 1 0.375 2 ==> 1
298 (Development) 1 1.000 0 --> 1
454 (Anterior pr) 1 0.111 1 --> 0
457 (*Length of ) 1 0.154 1 ==> 0
464 (Interorbita) 1 0.333 0 ==> 1
504 (Length of t) 1 0.333 0 ==> 1
506 (Mastoid pro) 1 0.250 1 ==> 0
node_131 --> Dolichotis patag 7 (Transverse de) 1 0.500 0 ==> 1
8 (*Cement (in y) 1 0.074 2 --> 1
17 (*IPM arrange) 1 0.538 0 ==> 1
252 (*Length of ) 1 0.167 1 --> 0
434 (*Length of ) 1 0.333 1 ==> 2
435 (Mandible at) 1 1.000 0 ==> 1
437 (*Locati on o) 1 0.143 1 ==> 0
440 (*Locati on o) 1 0.261 1 ==> 2
448 (Height of t) 1 0.143 1 ==> 0
452 (*Dorsoventr) 1 0.222 2 --> 1
461 (*Length of ) 1 0.118 1 ==> 0
463 (Articulatio) 1 1.000 0 ==> 1
471 (Postorbital) 1 0.077 0 --> 1
474 (Frontal pro) 1 0.111 0 --> 1
489 (Sphenopalat) 1 0.375 1 ==> 0
node_131 --> Hydrochoerus hyd 18 (Enamel of up) 1 0.286 1 ==> 0
19 (*Lower inci s) 1 0.231 1 ==> 2
20 (*Incisors pr) 1 0.125 1 ==> 0
241 (Shape of th) 1 0.750 2 ==> 0
242 (Shape of th) 1 0.750 2 ==> 0
243 (Posterior p) 1 0.333 1 --> 0
245 (Lami nes on ) 1 0.200 0 ==> 1
247 (Lami nes on ) 1 0.333 0 ==> 1
250 (Primary ext) 1 1.000 0 ==> 1
251 (Secondary e) 1 0.500 0 ==> 1
299 (Primary int) 1 0.500 0 ==> 1
300 (Fundamental) 1 0.500 0 ==> 1
301 (Secondary e) 1 1.000 0 ==> 1
354 (*Length of ) 1 0.360 1 ==> 0
420 (Shape of th) 1 0.750 0 ==> 1
421 (Shape of th) 1 1.000 0 ==> 4
428 (Secondary i) 1 1.000 0 ==> 1
429 (Tertiary in) 1 0.500 0 ==> 1
430 (Primary int) 1 1.000 0 ==> 1
431 (Fundamental) 1 0.500 0 ==> 1
432 (Secondary e) 1 1.000 0 ==> 1
453 (Alveolar pr) 1 0.333 1 --> 0
458 (*Shape of t) 1 0.143 1 --> 2
460 (Margins of ) 1 0.250 1 --> 0
461 (*Length of ) 1 0.118 1 --> 2
462 (*Posterior ) 1 0.154 1 ==> 2
467 (Maxillary o) 1 0.400 1 --> 0
492 (Anterior ma) 1 0.400 0 --> 1
499 (Development) 1 0.111 0 --> 1
node_133 --> node_132 443 (*Development) 1 0.333 2 --> 1
484 (Exposure of) 1 1.000 0 ==> 1
498 (Contact bet) 1 0.167 1 ==> 0
509 (Epi tympanic) 1 0.333 0 ==> 1
node_132 --> Cavia aperea 7 (Transverse de) 1 0.500 0 ==> 1
18 (Enamel of up) 1 0.286 1 ==> 0
251 (Secondary e) 1 0.500 0 ==> 1
252 (*Length of ) 1 0.167 1 --> 0
253 (Width of p4) 1 0.111 1 --> 0
299 (Primary int) 1 0.500 0 ==> 1
300 (Fundamental) 1 0.500 0 ==> 1
420 (Shape of th) 1 0.750 0 ==> 2
421 (Shape of th) 1 1.000 0 ==> 1
429 (Tertiary in) 1 0.500 0 ==> 1
431 (Fundamental) 1 0.500 0 ==> 1
437 (*Locati on o) 1 0.143 1 ==> 2
457 (*Length of ) 1 0.154 1 ==> 2

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	462 (*Posterior)	1	0.154 1 ==> 2
	465 (Posterior s)	1	0.667 1 ==> 2
node_132 --> Galea spi xi i	8 (*Cement (in y)	2	0.074 2 ==> 0
	19 (*Lower inci s)	1	0.231 1 ==> 0
	252 (*Length of)	1	0.167 1 ==> 2
	354 (*Length of)	1	0.360 1 ==> 0
	437 (*Locati on o)	1	0.143 1 ==> 0
	443 (*Devel opmen)	1	0.333 1 ==> 0
	455 (*Devel opmen)	1	0.286 1 ==> 0
	461 (*Length of)	1	0.118 1 ==> 0
	489 (Sphenopal at)	1	0.375 1 ==> 0
	513 (Devel opment)	1	0.333 1 ==> 0
node_134 --> Perimys i ntermed	22 (*Size of P4)	1	0.154 1 ==> 0
	122 (M1 length/w)	1	0.071 1 ==> 0
	123 (M2 length/w)	1	0.154 1 ==> 0
	237 (*Number of)	1	1.000 1 ==> 2
	241 (Shape of th)	1	0.750 2 ==> 1
	242 (Shape of th)	1	0.750 2 ==> 1
	243 (Posterior p)	1	0.333 1 --> 0
	420 (Shape of th)	1	0.750 0 ==> 2
	421 (Shape of th)	1	1.000 0 ==> 2
node_137 --> Neoreomys austra	57 (Lingual conn)	1	0.692 0 ==> 2
	68 (Metal oph on)	1	0.462 0 ==> 1
	230 (Posteroflex)	1	0.500 1 --> 0
	410 (Strong redu)	1	0.125 1 --> 0
	425 (Fusion of t)	1	0.500 1 ==> 0
	439 (Notch for t)	1	0.360 1 ==> 4
	474 (Frontal pro)	1	0.111 0 --> 1
node_138 --> Brani samys luri b	22 (*Size of P4)	1	0.154 1 ==> 2
	69 (Lingual conn)	1	0.615 3 --> 0
	114 (*Metacone-p)	1	0.375 2 --> 1
	123 (M2 length/w)	1	0.154 1 ==> 0
	125 (Parastyle o)	1	0.842 0 ==> 1
	147 (Lingual pro)	1	0.643 0 ==> 1
	151 (Lingual pro)	1	0.400 0 ==> 1
	173 (Anterior ar)	1	0.520 0 ==> 1
	174 (Posterior a)	1	0.391 0 ==> 1
	203 (*Positi on o)	1	0.385 1 ==> 2
	206 (Posterior i)	1	0.462 1 ==> 0
	224 (Size of the)	1	0.200 0 ==> 1
	268 (Neocristid)	1	0.250 0 ==> 1
	296 (*Di stance b)	2	0.167 0 ==> 2
	320 (Neocristid)	1	0.750 0 ==> 1
	339 (Mesoconi d-l)	1	0.625 0 --> 1
	354 (*Length of)	1	0.360 1 ==> 2
	372 (*Length of)	1	0.731 1 ==> 0
	437 (*Locati on o)	1	0.143 1 ==> 0
node_140 --> node_139	21 (Thi rd upper)	1	0.333 0 --> 1
	28 (Posterior ar)	1	0.500 1 --> 0
	44 (*Devel opment)	1	0.636 1 --> 2
	50 (Posterior ar)	1	0.556 1 --> 0
	62 (Pronounced A)	1	0.444 1 --> 0
	65 (Metacone-pos)	1	0.286 1 --> 0
	67 (Anterior arm)	1	0.500 1 --> 0
	76 (*Hei ght of t)	1	0.500 2 --> 1
	111 (Metacone on)	1	0.167 0 --> 1
	148 (*Hei ght of)	2	0.571 2 --> 0
	166 (*Devel opmen)	1	0.545 1 --> 2
	191 (Positi on of)	1	0.286 0 --> 1
	196 (Pronounced)	1	0.742 1 --> 0
	197 (Pronounced)	1	0.435 1 --> 0
	217 (Lingual con)	1	0.696 4 --> 0
	254 (*Talonid of)	1	0.375 2 ==> 1
	291 (Hei ght of t)	1	0.250 1 --> 0
	360 (Length of t)	1	0.650 0 --> 1
	367 (Anterior is)	1	0.842 1 ==> 0
	437 (*Locati on o)	1	0.143 1 ==> 2
	455 (*Devel opmen)	1	0.286 1 ==> 2

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	472 (Development)	1	0.333	0	==> 1
	473 (Conformatio)	1	0.500	0	==> 1
	494 (Development)	1	0.167	1	--> 0
	503 (Parocci pi ta)	1	0.167	0	==> 1
node_139 --> Dasyprocta	20 (*Incisors pr)	1	0.125	1	==> 0
	22 (*Size of P4)	1	0.154	1	==> 0
	35 (Orientation)	1	0.450	1	==> 0
	36 (Lingual prot)	1	0.250	1	--> 0
	121 (*Size of M3)	1	0.130	0	--> 1
	213 (Height of t)	1	0.667	2	==> 1
	223 (Lingual con)	1	0.333	1	==> 0
	227 (*Reduction)	2	0.143	0	==> 2
	229 (*Reduction)	1	0.167	0	==> 1
	231 (Reduction o)	1	0.400	0	==> 1
	268 (Neocristid)	1	0.250	0	==> 1
	369 (Metaconid c)	1	0.966	0	==> 1
	372 (*Length of)	1	0.731	1	==> 0
	373 (Lingual con)	1	0.905	2	==> 4
	375 (*Length of)	1	0.353	1	==> 2
	376 (Lingual con)	1	0.636	2	==> 4
	410 (Strong redu)	1	0.125	0	==> 1
	414 (Strong redu)	1	0.333	0	==> 1
	433 (*Mandible)	1	0.667	1	==> 2
	444 (*Developmen)	2	0.231	3	==> 1
	450 (Length of t)	1	0.500	0	==> 1
	451 (*Posterior)	1	0.200	1	==> 0
	452 (*Dorsoventr)	2	0.222	2	--> 0
	460 (Margins of)	1	0.250	0	==> 1
	467 (Maxillary o)	1	0.400	0	==> 1
	470 (Development)	1	1.000	0	==> 1
	482 (Association)	1	0.500	1	--> 0
	485 (*Position o)	1	0.231	2	==> 3
	490 (Development)	1	0.250	1	--> 0
	509 (Epi tympanic)	1	0.333	0	==> 1
node_139 --> Cuniculus paca-t	8 (*Cement (in y)	2	0.074	0	==> 2
	19 (*Lower incis)	2	0.231	0	==> 2
	39 (Mure on P4)	1	0.500	1	==> 0
	69 (Lingual conn)	1	0.615	3	==> 2
	120 (*Size of M1)	1	0.125	1	==> 0
	244 (Laminae on)	1	0.250	0	==> 1
	245 (Laminae on)	1	0.200	0	==> 1
	263 (Posterior a)	1	0.286	0	==> 1
	296 (*Distance b)	2	0.167	0	==> 2
	359 (Posterior a)	1	0.500	0	==> 1
	434 (*Length of)	1	0.333	1	==> 2
	456 (Length of t)	1	0.167	1	==> 0
	458 (*Shape of t)	1	0.143	2	==> 1
	459 (*Palatal ri)	2	0.500	0	==> 2
	469 (*Developmen)	1	0.250	0	--> 1
	480 (Development)	1	1.000	0	==> 1
	492 (Anterior ma)	1	0.400	1	==> 0
	495 (Masticory a)	1	0.333	1	--> 0
	498 (Contact bet)	1	0.167	1	==> 0
node_198 --> node_197	47 (*Posterior i)	1	0.600	1	--> 2
	64 (Metacone on)	1	0.222	0	==> 1
	121 (*Size of M3)	1	0.130	0	--> 1
	171 (Posterior i)	1	0.640	0	--> 1
	173 (Anterior ar)	1	0.520	0	--> 1
	203 (*Position o)	1	0.385	1	==> 2
	215 (Lingual con)	1	0.870	3	--> 0
	217 (Lingual con)	1	0.696	4	==> 0
	354 (*Length of)	1	0.360	1	--> 2
	438 (Position of)	1	0.286	0	--> 1
	455 (*Developmen)	1	0.286	1	--> 0
	475 (Position of)	1	0.333	0	--> 1
	492 (Anterior ma)	1	0.400	1	--> 0
	497 (Fusion of t)	1	0.600	0	--> 1
	511 (Development)	1	0.250	0	--> 1

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	512 (Accessory f)	1	0.250	1	-->	0
node_197 --> node_196	96 (*Posterior i)	1	0.375	0	==>	1
	115 (Metaloph on)	1	0.667	1	==>	0
	117 (Lingual spu)	1	0.667	1	==>	0
	118 (Lingual con)	1	0.800	3	-->	0
	199 (Metacone on)	1	0.444	0	-->	1
	209 (Posteroloph)	1	0.333	0	-->	1
	211 (Metaloph on)	1	0.647	0	==>	1
	212 (Metaloph on)	1	0.615	0	-->	1
	314 (Anterior is)	1	0.500	0	==>	1
	323 (Lingual con)	1	0.800	3	==>	0
	328 (*Orientati o)	1	0.467	0	-->	1
	338 (Alignment o)	1	0.308	0	-->	1
	373 (Lingual con)	1	0.905	2	-->	0
	376 (Lingual con)	1	0.636	2	-->	0
node_196 --> node_195	122 (M1 length/w)	1	0.071	1	==>	0
	179 (*Length of)	1	0.680	1	-->	0
	202 (Development)	1	0.400	0	==>	1
	347 (*Height of)	1	0.500	2	==>	1
node_195 --> node_161	4 (*Orientati on)	1	0.500	0	-->	1
	5 (*Orientati on)	1	0.571	0	-->	1
	12 (Degree of th)	1	0.250	0	-->	1
	27 (Anterocingul)	1	0.444	0	==>	1
	47 (*Posterior i)	1	0.600	2	-->	1
	50 (Posterior ar)	1	0.556	1	-->	0
	57 (Lingual conn)	1	0.692	1	-->	0
	85 (Lingual prot)	1	0.500	0	-->	1
	113 (Anterior ar)	1	0.600	1	-->	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	153 (Length of t)	1	0.667	0	==>	1
	177 (Mesolophule)	1	0.583	1	==>	0
	183 (Lingual con)	1	0.810	1	==>	0
	198 (Tendency pr)	1	0.769	0	-->	1
	199 (Metacone on)	1	0.444	1	-->	0
	222 (Lingual con)	1	0.273	1	-->	0
	231 (Reducti on o)	1	0.400	0	-->	1
	256 (*Devel opmen)	1	0.308	1	-->	2
	272 (Neomesoloph)	1	0.632	0	==>	1
	284 (*Posterior)	1	0.474	0	-->	1
	291 (Height of t)	1	0.250	1	-->	0
	328 (*Orientati o)	1	0.467	1	-->	0
	333 (Mesolophid)	1	0.500	1	-->	0
	371 (Posterior a)	1	0.706	0	-->	1
	372 (*Length of)	1	0.731	1	-->	2
	374 (Posterior a)	1	0.375	0	-->	1
	434 (*Length of)	1	0.333	1	-->	0
	439 (Notch for t)	1	0.360	1	-->	4
	485 (*Positi on o)	1	0.231	2	-->	3
	498 (Contact bet)	1	0.167	1	-->	0
node_161 --> node_160	5 (*Orientati on)	1	0.571	1	-->	2
	9 (*Degree of hy)	1	0.111	0	==>	1
	36 (Lingual prot)	1	0.250	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	209 (Posteroloph)	1	0.333	1	-->	0
	211 (Metaloph on)	1	0.647	1	-->	0
	223 (Lingual con)	1	0.333	1	-->	0
	393 (Alignment o)	1	0.875	0	-->	1
	404 (*Height of)	1	0.308	2	-->	1
node_160 --> node_159	122 (M1 length/w)	1	0.071	0	==>	1
	123 (M2 length/w)	1	0.154	0	==>	1
	147 (Lingual pro)	1	0.643	0	==>	1
	178 (Mesolophule)	1	0.583	1	-->	0
	183 (Lingual con)	1	0.810	0	==>	4
	185 (Lingual con)	1	0.688	1	-->	4
	215 (Lingual con)	1	0.870	0	-->	3
	230 (Posteroflex)	1	0.500	0	==>	1
node_159 --> node_158	4 (*Orientati on)	1	0.500	1	==>	2
	206 (Posterior i)	1	0.462	1	-->	0

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	211 (Metaloph on)	1	0.647	0	--> 1
	290 (Anterior ar)	1	0.500	1	--> 0
	401 (Obliquity o)	1	0.632	0	--> 1
	403 (Anterior ar)	1	0.833	0	==> 1
node_158 --> node_157	31 (Length of th)	1	0.333	0	--> 1
	63 (Tendency to)	1	0.286	0	--> 1
	199 (Metacone on)	1	0.444	0	==> 1
	200 (Metacone on)	1	0.500	0	--> 1
	204 (Anterior ar)	1	0.714	1	--> 0
	311 (Lingual con)	1	0.333	1	==> 0
node_157 --> node_156	102 (Lingual con)	1	0.857	1	--> 2
	103 (Mesolophule)	1	0.429	1	--> 0
	305 (Anteroconid)	1	0.286	0	--> 1
	314 (Anterior is)	1	0.500	1	--> 0
	325 (Protoconid)	1	0.400	1	--> 0
	347 (*Height of)	1	0.500	1	--> 2
	396 (Anterior ar)	1	0.640	1	==> 0
node_156 --> Eoincamys pascua	9 (*Degree of hy)	1	0.111	1	==> 0
	57 (Lingual conn)	1	0.692	0	==> 2
	122 (M1 length/w)	1	0.071	1	==> 0
	173 (Anterior ar)	1	0.520	1	==> 0
	174 (Posterior a)	1	0.391	1	==> 0
	222 (Lingual con)	1	0.273	0	==> 1
	395 (Position of)	1	0.421	1	==> 0
node_156 --> node_155	3 (*Loph(-id)s (	1	0.273	1	==> 2
	9 (*Degree of hy)	1	0.111	1	==> 2
	27 (Anterocingul)	1	0.444	1	--> 0
	47 (*Posterior i)	1	0.600	1	--> 0
	66 (Fusion of th)	1	0.500	1	--> 0
	261 (Anterior ar)	1	0.533	0	--> 1
	263 (Posterior a)	1	0.286	0	--> 1
	266 (*Anterior i)	1	0.846	1	--> 0
	282 (Notch betwe)	1	0.500	0	--> 1
	283 (Development)	1	0.600	0	--> 1
	284 (*Posterior)	1	0.474	1	--> 0
	296 (*Distance b)	1	0.167	0	--> 1
node_155 --> node_154	13 (Distri bution)	1	0.667	0	==> 1
	229 (*Reduction)	1	0.167	0	--> 1
node_154 --> node_142	4 (*Orientation)	1	0.500	2	==> 1
	5 (*Orientation)	1	0.571	2	==> 1
	35 (Orientation)	1	0.450	1	--> 0
	50 (Posterior ar)	1	0.556	0	--> 1
	63 (Tendency to)	1	0.286	1	--> 0
	117 (Lingual spu)	1	0.667	0	==> 1
	121 (*Size of M3)	1	0.130	1	--> 0
	198 (Tendency pr)	1	0.769	1	--> 0
	206 (Posterior i)	1	0.462	0	--> 1
	217 (Lingual con)	1	0.696	0	--> 3
	223 (Lingual con)	1	0.333	0	--> 1
	224 (Size of the)	1	0.200	0	--> 1
	308 (*Position o)	1	0.273	1	--> 0
	333 (Mesolophid)	1	0.500	0	--> 1
	338 (Alignment o)	1	0.308	1	--> 0
	348 (Length of t)	1	1.000	0	--> 1
	401 (Obliquity o)	1	0.632	1	--> 0
	437 (*Locati on o)	1	0.143	1	--> 2
	449 (Condyl oid a)	1	0.667	0	--> 1
	461 (*Length of)	2	0.118	0	--> 2
	462 (*Posterior)	1	0.154	1	--> 0
node_142 --> Incamys bolivian	4 (*Orientation)	1	0.500	1	==> 0
	8 (*Cement (in y)	2	0.074	0	==> 2
	171 (Posterior i)	1	0.640	1	==> 0
	258 (*Position o)	1	0.375	1	==> 2
node_142 --> Microscleromys p	99 (Thir d crest)	1	0.500	1	==> 0
	100 (Mesoloph on)	1	0.429	1	==> 0
	191 (Position of)	1	0.286	0	==> 1
	192 (Position of)	1	0.154	0	==> 1
	229 (*Reduction)	1	0.167	1	--> 0

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		256 (*Developmen)	1	0.308	2 ==> 1
		363 (Labial conn)	1	0.667	0 ==> 1
node_154 -->	node_153	11 (Upper tooth)	1	0.125	0 --> 1
		65 (Metacone-pos)	1	0.286	1 --> 0
		67 (Anterior arm)	1	0.500	1 --> 0
		110 (Tendency pr)	1	0.667	0 ==> 1
		143 (Thickness o)	1	0.643	0 --> 1
		208 (Posterior i)	1	0.100	1 --> 0
		252 (*Length of)	1	0.167	1 ==> 0
		275 (Labial conn)	1	1.000	0 ==> 1
		280 (*Height of)	2	0.667	2 --> 0
		289 (Alignment o)	1	0.800	0 --> 1
		296 (*Distance b)	1	0.167	1 ==> 2
		324 (Double ling)	1	0.857	0 --> 1
		331 (Strong forw)	1	1.000	0 --> 1
		343 (Alignment o)	1	0.600	0 --> 1
		346 (Anterior ar)	1	1.000	1 ==> 0
		402 (Alignment o)	1	0.882	0 ==> 1
		409 (Anteroflexi)	1	0.286	0 ==> 1
node_153 -->	node_150	471 (Postorbital)	1	0.077	1 --> 0
		96 (*Posterior i)	1	0.375	1 --> 0
		121 (*Size of M3)	1	0.130	1 --> 2
		171 (Posterior i)	1	0.640	1 --> 0
		173 (Anterior ar)	1	0.520	1 --> 0
		214 (Posteroloph)	1	0.846	1 --> 0
		258 (*Position o)	1	0.375	1 ==> 2
		273 (Mesiolabial)	1	0.857	0 ==> 1
node_150 -->	node_149	367 (Anterior is)	1	0.842	1 --> 0
		200 (Metacone on)	1	0.500	1 --> 0
		212 (Metaloph on)	1	0.615	1 --> 0
		256 (*Developmen)	1	0.308	2 --> 1
		269 (Posterior a)	1	0.545	0 ==> 1
node_149 -->	node_143	272 (Neomesoloph)	1	0.632	1 --> 0
		57 (Lingual conn)	1	0.692	0 ==> 2
		222 (Lingual con)	1	0.273	0 --> 1
node_143 -->	Scleromys quadra	262 (Labial conn)	1	0.588	1 --> 2
		183 (Lingual con)	1	0.810	4 ==> 0
		257 (Metaconid-p)	1	0.333	0 ==> 1
		258 (*Position o)	1	0.375	2 ==> 1
node_143 -->	Scleromys angust	267 (Buccal meta)	1	0.667	0 ==> 1
node_149 -->	node_148	227 (*Reduction)	1	0.143	0 ==> 1
		9 (*Degree of hy)	1	0.111	2 --> 3
		14 (Importance o)	1	0.333	0 ==> 1
		19 (*Lower inci s)	1	0.231	0 --> 1
		64 (Metacone on)	1	0.222	1 --> 0
		102 (Lingual con)	1	0.857	2 --> 0
		174 (Posterior a)	1	0.391	1 --> 0
		185 (Lingual con)	1	0.688	4 ==> 0
		199 (Metacone on)	1	0.444	1 --> 0
		229 (*Reduction)	1	0.167	1 --> 0
		244 (Laminae on)	1	0.250	0 ==> 1
		245 (Laminae on)	1	0.200	0 ==> 1
		246 (Laminae on)	1	0.500	0 --> 1
		247 (Laminae on)	1	0.333	0 --> 1
		252 (*Length of)	1	0.167	0 --> 1
		259 (Metalophuli)	1	0.429	0 --> 1
		260 (Anterior ar)	1	0.455	0 --> 1
		274 (Intensity o)	1	1.000	0 --> 1
		354 (*Length of)	1	0.360	2 --> 1
		384 (Length of t)	1	0.700	0 --> 1
		426 (Laminae on)	1	1.000	0 ==> 1
		434 (*Length of)	1	0.333	0 ==> 1
		440 (*Location o)	1	0.261	0 ==> 1
		441 (*Developmen)	1	0.238	1 --> 2
node_148 -->	node_145	442 (*Anterior o)	1	0.214	0 ==> 1
		211 (Metaloph on)	1	0.647	1 ==> 0
		248 (*Number of)	1	0.667	1 --> 2
		249 (*Number of)	1	0.667	1 --> 2

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	256 (*Devel opmen)	1	0.308	1	-->	2
	272 (Neomesol oph)	1	0.632	0	-->	1
	409 (Anterofl exi)	1	0.286	1	==>	0
	427 (Number of l)	1	1.000	0	-->	1
	443 (*Devel opmen)	1	0.333	1	-->	2
	447 (Coronoid pr)	1	0.500	0	-->	1
	457 (*Length of)	1	0.154	1	==>	2
	461 (*Length of)	2	0.118	0	==>	2
	474 (Frontal pro)	1	0.111	1	-->	0
	489 (Sphenopal at)	1	0.375	1	-->	0
	511 (Devel opment)	1	0.250	1	-->	0
node_145 --> node_144	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	3	-->	2
	68 (Metal oph on)	1	0.462	1	==>	0
	246 (Lami nes on)	1	0.500	1	-->	0
	247 (Lami nes on)	1	0.333	1	-->	0
	385 (Labial conn)	1	1.000	0	-->	1
	410 (Strong redu)	1	0.125	0	-->	1
	456 (Length of t)	1	0.167	1	-->	0
node_144 --> Drytomomys aequa	13 (Di stri buti on)	1	0.667	1	==>	0
	121 (*Si ze of M3)	1	0.130	2	==>	1
	185 (Lingual con)	1	0.688	0	==>	4
node_144 --> Potamarchus muri	22 (*Si ze of P4)	1	0.154	1	==>	0
	120 (*Si ze of M1)	1	0.125	1	==>	0
	217 (Lingual con)	1	0.696	0	==>	4
	230 (Posterofl ex)	1	0.500	1	==>	0
	249 (*Number of)	1	0.667	2	==>	3
node_145 --> Di nomys brani cki (01)	5 (*Ori entati on)	1	0.571	2	==>	
	12 (Degree of th)	1	0.250	1	-->	0
	183 (Lingual con)	1	0.810	4	==>	0
	252 (*Length of)	1	0.167	1	-->	0
	437 (*Locati on o)	1	0.143	1	==>	0
	453 (Alveolar pr)	1	0.333	0	==>	1
node_148 --> node_147	17 (*I PM arrange)	1	0.538	1	-->	0
	18 (Enamel of up)	1	0.286	1	-->	0
	62 (Pronounced A)	1	0.444	1	==>	0
	63 (Tendency to)	1	0.286	1	==>	0
	196 (Pronounced)	1	0.742	1	==>	0
	197 (Pronounced)	1	0.435	1	==>	0
	198 (Tendency pr)	1	0.769	1	==>	0
	248 (*Number of)	1	0.667	1	==>	0
	263 (Posterior a)	1	0.286	1	==>	0
	383 (Neomesol oph)	1	0.767	1	==>	0
	437 (*Locati on o)	1	0.143	1	-->	2
	443 (*Devel opmen)	1	0.333	1	-->	0
	444 (*Devel opmen)	1	0.231	1	-->	2
	446 (*Depth of t)	1	0.667	0	-->	1
	468 (Contact bet)	1	0.500	0	-->	1
	481 (*Devel opmen)	1	0.400	0	==>	1
	499 (Devel opment)	1	0.111	0	-->	1
node_147 --> Neoepi bli ema ambr	8 (*Cement (in y)	2	0.074	0	==>	2
	14 (Importance o)	1	0.333	1	==>	0
	19 (*Lower inci s)	1	0.231	1	-->	0
	35 (Ori entati on)	1	0.450	1	==>	2
	256 (*Devel opmen)	1	0.308	1	==>	0
	259 (Metal ophul i)	1	0.429	1	-->	0
	260 (Anterior ar)	1	0.455	1	-->	0
	261 (Anterior ar)	1	0.533	1	==>	0
	440 (*Locati on o)	1	0.261	1	==>	2
	443 (*Devel opmen)	1	0.333	0	-->	1
	457 (*Length of)	1	0.154	1	==>	2
	462 (*Posterior)	1	0.154	1	==>	2
	464 (Interorbi ta)	1	0.333	0	==>	1
	501 (Sagi ttal cr)	1	0.333	0	==>	1
node_147 --> node_146	4 (*Ori entati on)	1	0.500	2	==>	1
	22 (*Si ze of P4)	1	0.154	1	==>	0
	61 (Ori entati on)	1	0.500	0	==>	2

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	249 (*Number of)	1	0.667	1	==>	0
	439 (Notch for t)	1	0.360	4	==>	3
	457 (*Length of)	1	0.154	1	==>	0
	475 (Positi on of)	1	0.333	1	-->	0
	485 (*Positi on o)	1	0.231	3	-->	2
	492 (Anteri or ma)	1	0.400	0	==>	1
	499 (Devel opment)	1	0.111	1	-->	0
	502 (Orientati on)	1	0.250	1	==>	0
	503 (Parocci pi ta)	1	0.167	0	==>	1
node_146 --> Chinchilla lanig	18 (Enamel of up)	1	0.286	0	-->	1
	252 (*Length of)	1	0.167	1	==>	2
	256 (*Devel opmen)	1	0.308	1	-->	2
	257 (Metaconi d-p)	1	0.333	0	==>	1
	258 (*Positi on o)	1	0.375	2	==>	1
	454 (Anteri or pr)	1	0.111	0	==>	1
	468 (Contact bet)	1	0.500	1	-->	0
	469 (*Devel opmen)	1	0.250	1	==>	2
node_146 --> Lagidium viscaci	253 (Width of p4)	1	0.111	0	==>	1
	444 (*Devel opmen)	1	0.231	2	-->	1
	459 (*Palatal ri)	1	0.500	0	==>	1
	471 (Postorbi tal)	1	0.077	0	-->	1
node_147 --> Lagostomus maxim	20 (*Incisors pr)	1	0.125	1	==>	2
	122 (M1 length/w)	1	0.071	1	==>	0
	123 (M2 length/w)	1	0.154	1	==>	0
	254 (*Talonid of)	1	0.375	2	==>	1
	436 (Mental fora)	1	0.333	0	==>	1
	439 (Notch for t)	1	0.360	4	==>	1
	444 (*Devel opmen)	1	0.231	2	==>	3
	445 (Devel opment)	1	0.500	0	==>	1
	452 (*Dorsoventr)	1	0.222	0	==>	1
	458 (*Shape of t)	1	0.143	2	==>	1
	469 (*Devel opmen)	1	0.250	1	==>	0
	471 (Postorbi tal)	1	0.077	0	-->	1
	500 (Devel opment)	1	0.143	0	==>	1
node_153 --> node_152	504 (Length of t)	1	0.333	0	==>	1
	49 (Anteri or arm)	1	0.500	1	-->	0
	57 (Lingual conn)	1	0.692	0	==>	2
	111 (Metacone on)	1	0.167	0	-->	1
	235 (Formati on o)	1	0.200	0	==>	1
	262 (Labial conn)	1	0.588	1	==>	0
	354 (*Length of)	1	0.360	2	-->	1
	357 (Positi on of)	1	0.231	1	-->	0
	384 (Length of t)	1	0.700	0	-->	1
	412 (Strong redu)	1	0.250	0	-->	1
	418 (Formati on o)	1	0.400	0	==>	1
node_152 --> Garri domys curnu	146 (Orientati on)	1	0.814	1	==>	2
	166 (*Devel opmen)	1	0.545	1	==>	2
	227 (*Reducti on)	1	0.143	0	==>	1
	256 (*Devel opmen)	1	0.308	2	==>	1
	269 (Posterio r a)	1	0.545	0	==>	1
	359 (Posterio r a)	1	0.500	0	==>	1
	441 (*Devel opmen)	1	0.238	1	==>	0
node_152 --> node_151	8 (*Cement (in y)	2	0.074	0	==>	2
	14 (Importance o)	1	0.333	0	==>	1
	35 (Orientati on)	1	0.450	1	-->	2
	151 (Lingual pro)	1	0.400	1	-->	0
	226 (Paraflexus)	1	0.143	0	-->	1
	229 (*Reducti on)	1	0.167	1	-->	2
	265 (Mesostyli d)	1	0.583	1	-->	0
	267 (Buccal meta)	1	0.667	0	-->	1
	272 (Neomesol oph)	1	0.632	1	-->	0
	360 (Length of t)	1	0.650	0	-->	1
	363 (Labial conn)	1	0.667	0	-->	1
	366 (Mesostyli d)	1	0.750	1	-->	0
	383 (Neomesol oph)	1	0.767	1	-->	0
	411 (Mesoflexi d)	1	0.250	0	==>	1
	437 (*Locati on o)	1	0.143	1	-->	2
	439 (Notch for t)	1	0.360	4	-->	1

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node_151 --> Eoviscaccia frasca 443 (*Development) 1 0.333 1 --> 2
node_151 --> Eoviscaccia frasca 252 (*Length of ) 1 0.167 0 ==> 1
node_151 --> Eoviscaccia frasca 253 (Width of p4) 1 0.111 0 ==> 1
node_157 --> Chambi ramys shipp 80 (Outgrowth of) 1 0.500 1 ==> 0
node_157 --> Chambi ramys shipp 175 (Third crest) 1 0.333 1 ==> 0
node_157 --> Chambi ramys shipp 180 (Mesoloph on) 1 0.800 1 ==> 0
node_157 --> Chambi ramys shipp 327 (Third crest) 1 0.250 1 ==> 0
node_157 --> Chambi ramys shipp 329 (Neomesoloph) 1 0.529 1 ==> 0
node_157 --> Chambi ramys shipp 383 (Neomesoloph) 1 0.767 1 ==> 0
node_158 --> Eoincamys parvus 49 (Anterior arm) 1 0.500 1 ==> 0
node_158 --> Eoincamys parvus 64 (Metacone on) 1 0.222 1 ==> 0
node_158 --> Eoincamys parvus 68 (Metaloph on) 1 0.462 1 ==> 0
node_158 --> Eoincamys parvus 173 (Anterior arm) 1 0.520 1 ==> 0
node_158 --> Eoincamys parvus 174 (Posterior a) 1 0.391 1 ==> 0
node_158 --> Eoincamys parvus 212 (Metaloph on) 1 0.615 1 ==> 0
node_158 --> Eoincamys parvus 224 (Size of the) 1 0.200 0 ==> 1
node_158 --> Eoincamys parvus 353 (Trigonal width) 1 0.125 1 ==> 0
node_159 --> Chambi ramys sylva 201 (*Development) 1 0.400 1 ==> 2
node_159 --> Chambi ramys sylva 207 (Posteroloph) 1 0.750 0 ==> 1
node_159 --> Chambi ramys sylva 222 (Lingual con) 1 0.273 0 --> 1
node_159 --> Chambi ramys sylva 229 (*Reduction) 1 0.167 0 ==> 1
node_159 --> Chambi ramys sylva 273 (Mesiolabial) 1 0.857 0 ==> 1
node_159 --> Chambi ramys sylva 409 (Anteroflexi) 1 0.286 0 ==> 1
node_160 --> Eoincamys valverde 61 (Orientation) 1 0.500 0 ==> 2
node_160 --> Eoincamys valverde 149 (Length of t) 1 0.800 0 ==> 1
node_161 --> Eoincamys ameghii 44 (*Development) 1 0.636 1 ==> 2
node_161 --> Eoincamys ameghii 201 (*Development) 1 0.400 1 ==> 2
node_161 --> Eoincamys ameghii 204 (Anterior arm) 1 0.714 1 ==> 0
node_161 --> Eoincamys ameghii 207 (Posteroloph) 1 0.750 0 ==> 1
node_195 --> node_194 17 (*IPM arrange) 1 0.538 1 --> 2
node_195 --> node_194 20 (*Incisors pr) 1 0.125 1 --> 0
node_195 --> node_194 22 (*Size of P4) 1 0.154 1 --> 2
node_195 --> node_194 28 (Posterior arm) 1 0.500 1 --> 0
node_195 --> node_194 43 (Mesostyle on) 1 0.500 1 --> 0
node_195 --> node_194 51 (Third crest) 1 0.556 1 --> 0
node_195 --> node_194 56 (Mesoloph on) 1 0.750 1 --> 0
node_195 --> node_194 97 (Anterior arm) 1 0.375 1 --> 0
node_195 --> node_194 109 (Pronounced) 1 0.333 1 --> 0
node_195 --> node_194 174 (Posterior a) 1 0.391 1 --> 0
node_195 --> node_194 200 (Metacone on) 1 0.500 0 --> 1
node_195 --> node_194 213 (Height of t) 1 0.667 2 --> 0
node_195 --> node_194 225 (Size of the) 1 0.400 0 --> 1
node_195 --> node_194 239 (Fusion of t) 1 1.000 0 --> 1
node_195 --> node_194 240 (Fusion of t) 1 1.000 1 --> 0
node_195 --> node_194 241 (Shape of th) 1 0.750 2 --> 3
node_195 --> node_194 242 (Shape of th) 1 0.750 2 --> 3
node_195 --> node_194 262 (Labial conn) 1 0.588 1 ==> 0
node_195 --> node_194 263 (Posterior a) 1 0.286 0 ==> 1
node_195 --> node_194 265 (Mesostylid) 1 0.583 1 ==> 0
node_195 --> node_194 266 (*Anterior i) 1 0.846 1 --> 0
node_195 --> node_194 308 (*Position o) 1 0.273 1 --> 2
node_195 --> node_194 330 (Length of t) 1 0.500 1 --> 0
node_195 --> node_194 338 (Alignment o) 1 0.308 1 --> 0
node_195 --> node_194 347 (*Height of) 1 0.500 1 --> 0
node_195 --> node_194 360 (Length of t) 1 0.650 0 ==> 1
node_195 --> node_194 366 (Mesostylid) 1 0.750 1 ==> 0
node_195 --> node_194 383 (Neomesoloph) 1 0.767 1 ==> 0
node_195 --> node_194 396 (Anterior arm) 1 0.640 1 ==> 0
node_195 --> node_194 410 (Strong redu) 1 0.125 0 ==> 1
node_195 --> node_194 444 (*Development) 1 0.231 1 --> 0
node_195 --> node_194 469 (*Development) 1 0.250 1 --> 2
node_195 --> node_194 502 (Orientation) 1 0.250 1 --> 0
node_195 --> node_194 503 (Parocci pita) 1 0.167 0 --> 1
node_195 --> node_194 513 (Development) 1 0.333 1 --> 0
node_194 --> node_162 121 (*Size of M3) 1 0.130 1 --> 2
node_194 --> node_162 179 (*Length of) 1 0.680 0 --> 1
node_194 --> node_162 212 (Metaloph on) 1 0.615 1 --> 0
node_194 --> node_162 217 (Lingual con) 1 0.696 0 --> 4

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Hsearch_Consensus.out
354 (*Length of ) 1 0.360 2 --> 1
372 (*Length of ) 1 0.731 1 --> 0
375 (*Length of ) 1 0.353 1 --> 0
440 (*Locati on o ) 1 0.261 0 ==> 1
442 (*Anterior o ) 1 0.214 0 --> 1
node_162 --> Draconomys verai 256 (*Devel opmen) 1 0.308 1 ==> 0
node_162 --> Leucokephal os ze 439 (Notch for t) 1 0.360 1 ==> 4
node_194 --> node_193 168 (*Positi on o ) 1 0.375 1 ==> 2
214 (Posterior oph) 1 0.846 1 --> 0
253 (Width of p4) 1 0.111 0 ==> 1
node_193 --> node_192 21 (Third upper ) 1 0.333 0 --> 1
36 (Lingual prot) 1 0.250 0 --> 1
96 (*Posterior i ) 1 0.375 1 ==> 2
111 (Metacone on) 1 0.167 0 ==> 1
121 (*Si ze of M3) 1 0.130 1 --> 0
142 (Posterior a) 1 0.731 0 ==> 1
166 (*Devel opmen) 1 0.545 1 ==> 2
167 (*Hei ght of ) 1 0.750 1 --> 2
261 (Anterior ar) 1 0.533 0 ==> 1
315 (Anterior co) 1 0.833 0 --> 1
378 (Di recti on o ) 1 0.625 1 ==> 0
441 (*Devel opmen) 1 0.238 1 ==> 0
node_192 --> node_167 174 (Posterior a) 1 0.391 0 --> 1
177 (Mesol ophul e) 1 0.583 1 --> 0
197 (Pronounced ) 1 0.435 1 ==> 0
267 (Buccal meta) 1 0.667 0 --> 1
322 (Posterior a) 1 0.600 1 --> 0
357 (Positi on of) 1 0.231 1 --> 0
369 (Metaconi d c) 1 0.966 0 ==> 1
372 (*Length of ) 1 0.731 1 --> 0
373 (Lingual con) 1 0.905 0 --> 4
448 (Hei ght of t) 1 0.143 1 --> 0
462 (*Posterior ) 1 0.154 1 --> 0
node_167 --> node_166 36 (Lingual prot) 1 0.250 1 --> 0
62 (Pronounced A) 1 0.444 1 --> 0
179 (*Length of ) 1 0.680 0 --> 1
196 (Pronounced ) 1 0.742 1 ==> 0
223 (Lingual con) 1 0.333 1 --> 0
252 (*Length of ) 1 0.167 1 --> 2
288 (Posterior c) 1 1.000 0 ==> 1
354 (*Length of ) 1 0.360 2 ==> 1
375 (*Length of ) 1 0.353 1 --> 0
node_166 --> node_163 22 (*Si ze of P4 ) 1 0.154 2 ==> 1
38 (*Ori entati on) 1 0.600 2 ==> 1
39 (Mure on P4) 1 0.500 1 ==> 0
59 (Anterior arm) 1 0.778 1 ==> 0
177 (Mesol ophul e) 1 0.583 0 --> 1
182 (*Length of ) 1 0.625 1 --> 0
401 (Obli qui ty o ) 1 0.632 0 --> 1
node_163 --> Pl atypi ttamys br 35 (Ori entati on ) 1 0.450 1 ==> 0
120 (*Si ze of M1) 1 0.125 1 ==> 0
122 (M1 length/w) 1 0.071 0 ==> 1
286 (Length of t) 1 0.571 0 ==> 1
287 (Labial conn) 1 0.833 2 ==> 1
376 (Lingual con) 1 0.636 0 ==> 3
403 (Anterior ar) 1 0.833 0 ==> 1
443 (*Devel opmen) 1 0.333 1 ==> 2
node_163 --> Deseadomys aramb 121 (*Si ze of M3) 1 0.130 0 --> 1
252 (*Length of ) 1 0.167 2 --> 1
253 (Width of p4) 1 0.111 1 ==> 0
284 (*Posterior ) 2 0.474 0 ==> 2
353 (Tri goni d wi) 1 0.125 1 ==> 0
375 (*Length of ) 2 0.353 0 ==> 2
439 (Notch for t) 1 0.360 1 ==> 4
440 (*Locati on o ) 1 0.261 0 ==> 1
442 (*Anterior o ) 1 0.214 0 ==> 1
node_166 --> node_165 9 (*Degree of hy) 1 0.111 0 --> 1
31 (Length of th) 1 0.333 0 ==> 1

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Hsearch_Consensus.out

	43 (Mesostyle on)	1	0.500	0	==>	1
	51 (Third crest)	1	0.556	0	==>	1
	52 (Mesolophule)	1	0.643	0	-->	1
	182 (*Length of)	1	0.625	1	-->	2
	183 (Lingual con)	1	0.810	1	-->	5
	227 (*Reduction)	1	0.143	0	-->	1
	270 (Lingual con)	1	0.773	0	==>	3
	296 (*Distance b)	2	0.167	0	-->	2
	376 (Lingual con)	1	0.636	0	==>	4
node_165 --> node_164	122 (M1 length/w)	1	0.071	0	==>	1
	123 (M2 length/w)	1	0.154	0	==>	1
	197 (Pronounced)	1	0.435	0	==>	1
	226 (Paraflexus)	1	0.143	0	==>	1
	235 (Formati on o)	1	0.200	0	==>	1
	261 (Anterior ar)	1	0.533	1	-->	0
	330 (Length of t)	1	0.500	0	-->	1
	409 (Anteroflexi)	1	0.286	0	-->	1
	439 (Notch for t)	1	0.360	1	==>	4
node_164 --> Acaremys murinus	9 (*Degree of hy)	1	0.111	1	-->	0
	35 (Orientati on)	1	0.450	1	==>	0
	109 (Pronounced)	1	0.333	0	-->	1
	121 (*Size of M3)	1	0.130	0	-->	1
	146 (Orientati on)	1	0.814	1	==>	0
	252 (*Length of)	1	0.167	2	-->	1
	262 (Labial conn)	1	0.588	0	==>	1
	443 (*Devel opmen)	1	0.333	1	==>	0
node_164 --> Sci amys pri nci pa	3 (*Loph(-id)s (	1	0.273	1	==>	2
	286 (Length of t)	1	0.571	0	==>	1
	287 (Labial conn)	1	0.833	2	==>	1
	414 (Strong redu)	1	0.333	0	==>	1
node_165 --> Gal ileomys eur yg	84 (Orientati on)	1	0.471	1	==>	0
	117 (Lingual spu)	1	0.667	0	==>	1
	142 (Posterior a)	1	0.731	1	==>	0
	173 (Anterior ar)	1	0.520	1	==>	0
	259 (Metal ophul i)	1	0.429	0	==>	1
	260 (Anterior ar)	1	0.455	0	==>	1
	308 (*Positi on o)	1	0.273	2	-->	1
	334 (Lingual con)	1	0.632	2	==>	0
	359 (Posterior a)	1	0.500	0	==>	1
	440 (*Locati on o)	1	0.261	0	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
	443 (*Devel opmen)	1	0.333	1	==>	2
node_167 --> Willidewu estepa	63 (Tendency to)	1	0.286	0	==>	1
	120 (*Size of M1)	1	0.125	1	==>	0
	167 (*Height of)	1	0.750	2	-->	1
	183 (Lingual con)	1	0.810	1	==>	0
	200 (Metacone on)	1	0.500	1	==>	0
	375 (*Length of)	1	0.353	1	==>	2
node_192 --> node_191	10 (Substuti on)	1	0.250	0	==>	1
	73 (*DP4 length/)	1	0.333	2	-->	1
	100 (Mesoloph on)	1	0.429	1	==>	0
	122 (M1 length/w)	1	0.071	0	==>	1
	123 (M2 length/w)	1	0.154	0	==>	1
	173 (Anterior ar)	1	0.520	1	==>	0
	227 (*Reducti on)	1	0.143	0	-->	1
	292 (Length of t)	1	0.750	0	-->	1
	328 (*Orientati o)	1	0.467	1	-->	2
	454 (Anterior pr)	1	0.111	0	-->	1
	458 (*Shape of t)	1	0.143	2	-->	1
node_191 --> node_190	317 (Metaconid c)	1	0.571	1	-->	0
	359 (Posterior a)	1	0.500	0	==>	1
	374 (Posterior a)	1	0.375	0	==>	1
	376 (Lingual con)	1	0.636	0	-->	2
node_190 --> node_189	121 (*Size of M3)	1	0.130	0	-->	1
	225 (Size of the)	1	0.400	1	-->	0
	227 (*Reducti on)	1	0.143	1	-->	0
	309 (Metaconid-p)	1	0.500	0	==>	1
	314 (Anterior is)	1	0.500	1	-->	0

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	354 (*Length of)	1	0.360	2	==>	1
	443 (*Devel opmen)	1	0.333	1	==>	2
node_189 --> node_188	172 (Posterior c)	1	1.000	0	-->	1
	196 (Pronounced)	1	0.742	1	-->	0
	357 (Position of)	1	0.231	1	==>	0
	395 (Position of)	1	0.421	1	==>	0
	404 (*Height of)	2	0.308	2	-->	0
	439 (Notch for t)	1	0.360	1	==>	4
node_188 --> node_187	97 (Anterior arm)	1	0.375	0	-->	1
	100 (Mesoloph on)	1	0.429	0	-->	1
	143 (Thickness o)	1	0.643	0	-->	1
	148 (*Height of)	1	0.571	2	-->	1
	159 (*Height of)	2	0.667	2	-->	0
	171 (Posterior i)	1	0.640	1	-->	0
	197 (Pronounced)	1	0.435	1	==>	0
	314 (Anterior is)	1	0.500	0	-->	1
	326 (Connecti on)	1	0.667	0	-->	1
	340 (*Positi on o)	1	0.412	2	==>	1
	360 (Length of t)	1	0.650	1	-->	0
	401 (Obliquity o)	1	0.632	0	==>	1
	410 (Strong redu)	1	0.125	1	==>	0
node_187 --> Prospani omys pri	20 (*Incisors pr)	1	0.125	0	-->	1
	146 (Orientati on)	1	0.814	1	==>	2
	303 (Tri gonid wi)	1	0.125	0	==>	1
	353 (Tri gonid wi)	1	0.125	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
	500 (Devel opment)	1	0.143	0	==>	1
	513 (Devel opment)	1	0.333	0	-->	1
node_187 --> node_186	3 (*Loph(-id)s (	1	0.273	1	-->	2
	5 (*Orientati on)	2	0.571	0	==>	2
	9 (*Degree of hy)	1	0.111	0	==>	1
	73 (*DP4 length/)	1	0.333	1	-->	2
	327 (Thi rd crist)	1	0.250	1	==>	0
	328 (*Orientati o)	2	0.467	2	==>	0
	333 (Mesol ophi d)	1	0.500	1	==>	0
	338 (Alignm ent o)	1	0.308	0	==>	1
	372 (*Length of)	1	0.731	1	==>	2
	443 (*Devel opmen)	1	0.333	2	==>	1
	476 (Inferior ju)	1	0.333	0	-->	1
	478 (Depth of th)	1	0.250	0	-->	1
node_186 --> node_183	9 (*Degree of hy)	1	0.111	1	==>	2
	96 (*Posterior i)	2	0.375	2	-->	0
	125 (Parastyle o)	1	0.842	0	-->	1
	168 (*Positi on o)	1	0.375	2	-->	1
	235 (Formati on o)	1	0.200	0	-->	1
	309 (Metaconi d-p)	1	0.500	1	-->	0
	314 (Anterior is)	1	0.500	1	-->	0
	371 (Posterior a)	1	0.706	0	==>	1
	384 (Length of t)	1	0.700	0	-->	1
	436 (Mental fora)	1	0.333	0	==>	1
	439 (Notch for t)	1	0.360	4	==>	0
node_183 --> node_182	11 (Upper tooth)	1	0.125	0	-->	1
	395 (Position of)	1	0.421	0	==>	1
	438 (Position of)	1	0.286	1	-->	0
	471 (Postorbital)	1	0.077	1	-->	0
	477 (*Positi on o)	1	0.667	0	-->	1
	485 (*Positi on o)	1	0.231	2	-->	1
	486 (*Devel opmen)	1	0.222	0	==>	1
	494 (Devel opment)	1	0.167	1	-->	0
	507 (Lateral pro)	1	1.000	0	==>	1
	511 (Devel opment)	1	0.250	1	==>	0
node_182 --> node_176	235 (Formati on o)	1	0.200	1	-->	0
	340 (*Positi on o)	1	0.412	1	==>	2
	439 (Notch for t)	1	0.360	0	==>	1
	455 (*Devel opmen)	1	0.286	0	==>	1
	510 (Thi ckness o)	1	0.250	0	-->	1
node_176 --> node_173	11 (Upper tooth)	1	0.125	1	-->	0
	12 (Degree of th)	1	0.250	0	-->	1

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	148 (*Height of)	1	0.571	1	-->	0
	223 (Lingual con)	1	0.333	1	-->	0
	308 (*Positi on o)	1	0.273	2	-->	1
	317 (Metaconi d c)	1	0.571	0	-->	1
	327 (Third crist)	1	0.250	0	==>	1
	330 (Length of t)	1	0.500	0	-->	1
	333 (Mesol ophi d)	1	0.500	0	-->	1
	338 (Alignme nt o)	1	0.308	1	-->	0
	378 (Directi on o)	1	0.625	0	-->	1
	488 (Palati ne fo)	1	0.250	0	==>	1
	489 (Sphenopal at)	1	0.375	1	-->	0
node_173 --> node_171	152 (*Height of)	2	0.667	2	-->	0
	325 (Protoconi d)	1	0.400	1	-->	0
	354 (*Length of)	1	0.360	1	-->	0
	451 (*Posteri or)	1	0.200	1	-->	0
	483 (Positi on of)	1	0.600	0	==>	1
	497 (Fusi on of t)	1	0.600	1	-->	0
	499 (Devel opment)	1	0.111	0	-->	1
node_171 --> node_170	506 (Mastoid pro)	1	0.250	1	-->	0
	109 (Pronounced)	1	0.333	0	-->	1
node_170 --> node_169	303 (Tri goni d wi)	1	0.125	0	==>	1
	308 (*Positi on o)	1	0.273	1	-->	0
	366 (Mesostyl id)	1	0.750	0	==>	1
	383 (Neomesol oph)	1	0.767	0	-->	1
	395 (Positi on of)	1	0.421	1	==>	0
	439 (Notch for t)	1	0.360	1	==>	4
	440 (*Locati on o)	1	0.261	0	==>	1
node_169 --> node_168	4 (*Orientati on)	1	0.500	0	==>	1
	20 (*Inci sors pr)	2	0.125	0	-->	2
	120 (*Size of M1)	1	0.125	1	==>	0
	222 (Lingual con)	1	0.273	1	-->	0
	340 (*Positi on o)	1	0.412	2	==>	1
	367 (Anteri or is)	1	0.842	1	-->	0
	438 (Positi on of)	1	0.286	0	-->	1
	451 (*Posteri or)	1	0.200	0	-->	1
	452 (*Dorsoventr)	1	0.222	0	-->	1
	455 (*Devel opmen)	1	0.286	1	-->	0
	456 (Length of t)	1	0.167	1	-->	0
	458 (*Shape of t)	1	0.143	1	-->	2
	464 (Interorbi ta)	1	0.333	0	-->	1
	488 (Palati ne fo)	1	0.250	1	==>	0
	494 (Devel opment)	1	0.167	0	-->	1
	498 (Contact bet)	1	0.167	1	-->	0
	501 (Sagi ttal cr)	1	0.333	0	-->	1
	502 (Orientati on)	1	0.250	0	-->	1
	503 (Parocci pi ta)	1	0.167	1	-->	0
	504 (Length of t)	1	0.333	0	-->	1
	508 (Devel opment)	1	1.000	0	-->	1
node_168 --> Spani omys ri pari	9 (*Degree of hy)	1	0.111	2	==>	1
	84 (Orientati on)	1	0.471	1	==>	2
	110 (Tendency pr)	1	0.667	0	==>	1
	234 (*Transversa)	1	0.286	0	==>	1
	308 (*Positi on o)	2	0.273	0	==>	2
	313 (Mesostyl id)	1	0.571	1	==>	0
	483 (Positi on of)	1	0.600	1	==>	0
node_168 --> Myocastor coypus	8 (*Cement (in y)	2	0.074	0	==>	2
	11 (Upper tooth)	1	0.125	0	==>	1
	19 (*Lower inci s)	1	0.231	0	==>	1
	109 (Pronounced)	1	0.333	1	-->	0
	226 (Paraflexus)	1	0.143	0	==>	1
	303 (Tri goni d wi)	1	0.125	1	==>	0
	311 (Lingual con)	1	0.333	1	==>	0
	323 (Lingual con)	1	0.800	0	==>	3
	371 (Posteri or a)	1	0.706	1	==>	0
	374 (Posteri or a)	1	0.375	1	==>	0
	454 (Anteri or pr)	1	0.111	1	==>	0
	462 (*Posteri or)	1	0.154	1	==>	2
	471 (Postorbi tal)	1	0.077	0	==>	1

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Hsearch_Consensus.out
476 (Inferior ju) 1 0.333 1 ==> 0
485 (*Position o) 2 0.231 1 ==> 3
486 (*Devel opmen) 1 0.222 1 ==> 0
491 (*Apex of th) 1 0.500 1 ==> 2
node_169 --> Proechimys cuvie 3 (*Loph(-id)s () 1 0.273 2 ==> 1
86 (Height of th) 1 1.000 1 ==> 0
142 (Posterior a) 1 0.731 1 ==> 0
146 (Orientation) 1 0.814 1 ==> 0
225 (Size of the) 1 0.400 0 --> 1
227 (*Reducti on ) 1 0.143 0 ==> 1
229 (*Reducti on ) 1 0.167 0 ==> 1
322 (Posterior a) 1 0.600 1 ==> 0
338 (Alignment o) 1 0.308 0 ==> 1
354 (*Length of ) 1 0.360 0 --> 1
359 (Posterior a) 1 0.500 1 ==> 0
410 (Strong redu) 1 0.125 0 ==> 1
455 (*Devel opmen) 1 0.286 1 ==> 2
486 (*Devel opmen) 1 0.222 1 ==> 2
499 (Devel opment) 1 0.111 1 --> 0
node_170 --> Maruchito trilof 19 (*Lower incis) 1 0.231 0 ==> 1
436 (Mental fora) 1 0.333 1 ==> 0
442 (*Anterior o) 1 0.214 0 ==> 1
443 (*Devel opmen) 1 0.333 1 ==> 0
node_171 --> Thrichomys apere 5 (*Orientati on ) 2 0.571 2 ==> 0
73 (*DP4 length/) 1 0.333 2 ==> 1
84 (Orientation ) 1 0.471 1 ==> 0
121 (*Size of M3) 1 0.130 1 ==> 0
197 (Pronounced ) 1 0.435 0 ==> 1
223 (Lingual con) 1 0.333 0 --> 1
227 (*Reducti on ) 1 0.143 0 ==> 1
229 (*Reducti on ) 1 0.167 0 ==> 1
308 (*Positi on o) 1 0.273 1 --> 2
317 (Metaconi d c) 1 0.571 1 --> 0
328 (*Orientati o) 1 0.467 0 ==> 1
393 (Alignment o) 1 0.875 0 ==> 1
412 (Strong redu) 1 0.250 0 ==> 1
414 (Strong redu) 1 0.333 0 ==> 1
418 (Formati on o) 1 0.400 0 ==> 1
441 (*Devel opmen) 1 0.238 0 ==> 1
457 (*Length of ) 1 0.154 1 ==> 0
458 (*Shape of t) 1 0.143 1 ==> 0
462 (*Posterior ) 1 0.154 1 ==> 2
474 (Frontal pro) 1 0.111 1 ==> 0
486 (*Devel opmen) 1 0.222 1 ==> 0
489 (Sphenopal at) 1 0.375 0 --> 1
491 (*Apex of th) 1 0.500 1 ==> 2
510 (Thi ckness o) 1 0.250 1 --> 0
node_173 --> node_172 15 (Number of ro) 1 1.000 0 ==> 1
19 (*Lower incis) 1 0.231 0 ==> 1
174 (Posterior a) 1 0.391 0 --> 1
179 (*Length of ) 1 0.680 0 --> 1
182 (*Length of ) 1 0.625 1 --> 0
244 (Lami nes on ) 1 0.250 0 ==> 1
245 (Lami nes on ) 1 0.200 0 ==> 1
337 (Distal ecto) 1 1.000 1 ==> 0
404 (*Hei ght of ) 2 0.308 0 --> 2
443 (*Devel opmen) 1 0.333 1 --> 2
457 (*Length of ) 1 0.154 1 ==> 2
461 (*Length of ) 2 0.118 0 ==> 2
485 (*Positi on o) 1 0.231 1 ==> 0
486 (*Devel opmen) 1 0.222 1 ==> 2
500 (Devel opment) 1 0.143 0 ==> 1
node_172 --> Echimys chrysuru 8 (*Cement (in y) 2 0.074 0 ==> 2
9 (*Degree of hy) 1 0.111 2 ==> 1
20 (*Inci sors pr) 1 0.125 0 --> 1
84 (Orientation ) 1 0.471 1 ==> 2
441 (*Devel opmen) 1 0.238 0 ==> 1
452 (*Dorsoventr) 1 0.222 0 ==> 1

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Hsearch_Consensus.out			
	471 (Postorbital)	1	0.077 0 --> 1
	477 (*Position of)	1	0.667 1 ==> 2
	503 (Paroccipta)	1	0.167 1 ==> 0
node_172 --> Makalata di delph	391 (Ectolophid)	1	0.833 1 ==> 0
	395 (Position of)	1	0.421 1 ==> 0
	438 (Position of)	1	0.286 0 ==> 1
	455 (*Development)	1	0.286 1 ==> 2
	458 (*Shape of t)	1	0.143 1 --> 2
	494 (Development)	1	0.167 0 ==> 1
node_176 --> node_175	88 (Mure on DP4)	1	0.600 1 --> 0
	89 (Length of th)	1	0.750 1 --> 0
	109 (Pronounced)	1	0.333 0 --> 1
	177 (Mesolophule)	1	0.583 1 --> 0
	178 (Mesolophule)	1	0.583 1 --> 0
	183 (Lingual con)	1	0.810 1 --> 4
	185 (Lingual con)	1	0.688 1 --> 4
	186 (Double ling)	1	1.000 0 --> 3
	196 (Pronounced)	1	0.742 0 ==> 1
	197 (Pronounced)	1	0.435 0 ==> 1
	198 (Tendency pr)	1	0.769 0 ==> 1
	214 (Posteroloph)	1	0.846 0 --> 1
	217 (Lingual con)	1	0.696 0 --> 2
	231 (Reduction of)	1	0.400 0 --> 1
	477 (*Position of)	1	0.667 1 --> 2
	498 (Contact bet)	1	0.167 1 --> 0
node_175 --> node_174	5 (*Orientation)	1	0.571 2 ==> 1
	393 (Alignment of)	1	0.875 0 --> 1
	412 (Strong redu)	1	0.250 0 --> 1
	439 (Notch for t)	1	0.360 1 --> 4
	443 (*Development)	1	0.333 1 --> 2
	448 (Height of t)	1	0.143 1 --> 0
	454 (Anterior pr)	1	0.111 1 --> 0
	474 (Frontal pro)	1	0.111 1 --> 0
	478 (Depth of th)	1	0.250 1 --> 0
	486 (*Development)	1	0.222 1 ==> 0
	487 (Position of)	1	0.500 0 ==> 1
	500 (Development)	1	0.143 0 --> 1
node_174 --> Protadelphomys I	4 (*Orientation)	2	0.500 0 ==> 2
	9 (*Degree of hy)	1	0.111 2 ==> 1
	10 (Substitution)	1	0.250 1 ==> 0
	11 (Upper tooth)	1	0.125 1 --> 0
	120 (*Size of M1)	1	0.125 1 ==> 0
	121 (*Size of M3)	1	0.130 1 --> 0
	149 (Length of t)	1	0.800 0 ==> 1
	151 (Lingual pro)	1	0.400 0 ==> 1
	166 (*Development)	1	0.545 2 ==> 1
	200 (Metacone on)	1	0.500 1 ==> 0
	212 (Metaloph on)	1	0.615 1 ==> 0
node_174 --> Euryzygomatomys	145 (Labial prot)	1	1.000 0 ==> 1
	146 (Orientation)	1	0.814 1 ==> 0
	155 (Mure on M1-)	1	0.667 1 ==> 0
	157 (Mure on M3)	1	0.500 1 ==> 0
	168 (*Position of)	1	0.375 1 ==> 0
	227 (*Reduction)	1	0.143 0 ==> 1
	395 (Position of)	1	0.421 1 ==> 0
	457 (*Length of)	1	0.154 1 ==> 2
node_175 --> Mesocapromys/Mys	8 (*Cement (in y)	2	0.074 0 ==> 2
	9 (*Degree of hy)	1	0.111 2 ==> 3
	18 (Enamel of up)	1	0.286 1 ==> 0
	19 (*Lower incis)	1	0.231 0 ==> 1
	20 (*Incisors pr)	1	0.125 0 --> 1
	226 (Paraflexus)	1	0.143 0 ==> 1
	234 (*Transversa)	1	0.286 0 ==> 1
	354 (*Length of)	1	0.360 1 ==> 2
	402 (Alignment of)	1	0.882 0 ==> 1
	438 (Position of)	1	0.286 0 ==> 1
	440 (*Location of)	1	0.261 0 ==> 1
	456 (Length of t)	1	0.167 1 ==> 0

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	458 (*Shape of t)	1	0.143	1	-->	2
	460 (Margins of)	1	0.250	0	==>	1
	464 (Interorbital)	1	0.333	0	==>	1
	471 (Postorbital)	1	0.077	0	-->	1
	497 (Fusion of t)	1	0.600	1	==>	0
	499 (Development)	1	0.111	0	==>	1
	502 (Orientation)	1	0.250	0	==>	1
	503 (Paroccipta)	1	0.167	1	==>	0
	510 (Thickness o)	1	0.250	1	-->	0
	512 (Accessory f)	1	0.250	0	==>	1
node_182 --> node_181	5 (*Orientation)	2	0.571	2	-->	0
	20 (*Incisors pr)	1	0.125	0	-->	1
	73 (*DP4 length/)	1	0.333	2	-->	1
	349 (Anteroflexi)	1	0.500	0	==>	1
	351 (Metaflexid)	1	1.000	0	==>	1
	354 (*Length of)	1	0.360	1	==>	2
	401 (Obliquity o)	1	0.632	1	-->	0
	411 (Mesoflexid)	1	0.250	0	==>	1
	418 (Formation o)	1	0.400	0	==>	1
	440 (*Location o)	1	0.261	0	==>	1
	441 (*Development)	1	0.238	0	-->	1
	442 (*Anterior o)	1	0.214	0	==>	1
	448 (Height of t)	1	0.143	1	-->	0
	454 (Anterior pr)	1	0.111	1	-->	0
	457 (*Length of)	1	0.154	1	-->	2
	473 (Conformatio)	1	0.500	0	-->	1
	476 (Inferior ju)	1	0.333	1	-->	0
	479 (Length of t)	1	0.333	0	-->	1
	493 (Lateral dev)	1	0.500	0	-->	1
	496 (Fusion of t)	1	1.000	1	-->	0
	505 (Development)	1	1.000	0	-->	1
node_181 --> node_178	228 (Mesial meso)	1	0.400	1	-->	0
	232 (Hypoflexus)	1	0.800	1	-->	0
	236 (Number of I)	1	1.000	1	-->	0
	237 (*Number of)	1	1.000	1	-->	0
	238 (Complete fu)	1	1.000	0	-->	1
	350 ((Distal) me)	1	1.000	0	==>	1
	413 (Metaflexid)	1	0.500	0	==>	1
	419 (Number of I)	1	1.000	1	-->	0
	423 (Complete fu)	1	1.000	0	==>	1
	441 (*Development)	1	0.238	1	-->	2
	443 (*Development)	1	0.333	1	-->	2
	444 (*Development)	1	0.231	0	-->	1
	458 (*Shape of t)	1	0.143	1	-->	2
	471 (Postorbital)	1	0.077	0	-->	1
	475 (Position of)	1	0.333	1	-->	0
	485 (*Position o)	1	0.231	1	-->	2
	494 (Development)	1	0.167	0	-->	1
node_178 --> node_177	415 (Hypoflexid)	1	1.000	0	==>	1
	422 (Complete fu)	1	1.000	0	==>	1
node_177 --> Xenodontomys sim	354 (*Length of)	1	0.360	2	==>	1
	457 (*Length of)	1	0.154	2	-->	1
node_177 --> Ctenomys bolivi	9 (*Degree of hy)	1	0.111	2	==>	3
	121 (*Size of M3)	1	0.130	1	==>	0
	353 (Trigonid wi)	1	0.125	1	==>	0
	439 (Notch for t)	1	0.360	0	==>	4
	440 (*Location o)	1	0.261	1	==>	2
node_181 --> node_180	9 (*Degree of hy)	1	0.111	2	==>	3
	226 (Paraflexus)	1	0.143	0	==>	1
	392 (Mesiolabial)	1	0.931	1	==>	0
	420 (Shape of th)	1	0.750	0	==>	3
	421 (Shape of th)	1	1.000	0	==>	3
	424 (Fusion of t)	1	1.000	0	==>	1
	425 (Fusion of t)	1	0.500	1	==>	0
	485 (*Position o)	1	0.231	1	-->	0
	500 (Development)	1	0.143	0	-->	1
node_180 --> node_179	121 (*Size of M3)	1	0.130	1	-->	0
	439 (Notch for t)	1	0.360	0	-->	3

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	443 (*Devel opmen)	1	0.333	1	-->	0
	448 (Height of t)	1	0.143	0	-->	1
	454 (Anterior pr)	1	0.111	0	-->	1
	474 (Frontal pro)	1	0.111	1	-->	0
	488 (Palatine fo)	1	0.250	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	0
	511 (Devel opment)	1	0.250	0	-->	1
node_179 --> Pi thanotomys col	8 (*Cement (in y)	2	0.074	0	==>	2
	73 (*DP4 length/)	1	0.333	1	==>	2
	241 (Shape of th)	1	0.750	3	==>	2
	242 (Shape of th)	1	0.750	3	==>	2
	492 (Anterior ma)	1	0.400	0	==>	1
node_179 --> Octodon degus	228 (Mesial meso)	1	0.400	1	==>	0
	462 (*Posterior)	1	0.154	1	==>	0
node_180 --> Spalacopus cyanu	20 (*Incisors pr)	1	0.125	1	==>	2
	441 (*Devel opmen)	1	0.238	1	-->	0
	478 (Depth of th)	1	0.250	1	==>	0
	479 (Length of t)	1	0.333	1	-->	0
	493 (Lateral dev)	1	0.500	1	-->	0
node_183 --> Abrocoma bennett	3 (*Loph(-id)s ()	1	0.273	2	-->	1
	8 (*Cement (in y)	2	0.074	0	==>	2
	9 (*Degree of hy)	1	0.111	2	==>	3
	18 (Enamel of up)	1	0.286	1	==>	0
	121 (*Si ze of M3)	1	0.130	1	==>	2
	226 (Paraflexus)	1	0.143	0	==>	1
	469 (*Devel opmen)	1	0.250	2	-->	1
	481 (*Devel opmen)	2	0.400	0	==>	2
	482 (Associ ati on)	1	0.500	0	-->	1
	512 (Accessory f)	1	0.250	0	==>	1
node_186 --> node_185	4 (*Ori entati on)	2	0.500	0	-->	2
	87 (*Ori entati on)	1	0.500	2	-->	1
	121 (*Si ze of M3)	1	0.130	1	-->	0
	234 (*Transversa)	1	0.286	0	==>	1
	323 (Lingual con)	1	0.800	0	==>	2
	334 (Lingual con)	1	0.632	2	-->	0
	343 (Alignm ent o)	1	0.600	0	-->	1
	402 (Alignm ent o)	1	0.882	0	==>	1
	411 (Mesoflexi d)	1	0.250	0	-->	1
	440 (*Locati on o)	1	0.261	0	-->	1
	441 (*Devel opmen)	1	0.238	0	==>	1
node_185 --> Adel phomys candi	120 (*Si ze of M1)	1	0.125	1	==>	0
	373 (Lingual con)	1	0.905	0	==>	5
node_185 --> node_184	19 (*Lower incis)	1	0.231	0	==>	1
	150 (*Ori entati o)	1	0.727	2	==>	1
	154 (*Ori entati o)	1	0.700	2	==>	1
	303 (Trigoni d wi)	1	0.125	0	==>	1
	359 (Posterior a)	1	0.500	1	-->	0
	366 (Mesostylid)	1	0.750	0	-->	1
node_184 --> Prosti chomys bow	3 (*Loph(-id)s ()	1	0.273	2	-->	1
	9 (*Degree of hy)	1	0.111	1	==>	0
	327 (Thi rd crist)	1	0.250	0	==>	1
	333 (Mesol ophi d)	1	0.500	0	==>	1
	343 (Alignm ent o)	1	0.600	1	-->	0
	354 (*Length of)	1	0.360	1	==>	2
	378 (Di recti on o)	1	0.625	0	==>	1
	383 (Neomesol oph)	1	0.767	0	==>	1
	439 (Notch for t)	1	0.360	4	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
node_184 --> Sti chomys regul a	121 (*Si ze of M3)	1	0.130	0	-->	1
	373 (Lingual con)	1	0.905	0	==>	4
	440 (*Locati on o)	1	0.261	1	-->	0
node_188 --> Dudumus rui gomez	123 (M2 length/w)	1	0.154	1	==>	0
	192 (Posi ti on of)	1	0.154	0	==>	1
	308 (*Posi ti on o)	1	0.273	2	-->	1
	329 (Neomesol oph)	1	0.529	1	==>	0
	334 (Lingual con)	1	0.632	2	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
node_189 --> Pampamys emmonsa	3 (*Loph(-id)s ()	1	0.273	1	==>	2

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73 (*DP4 length/) 1 0.333 1 --> 2
96 (*Posterior i) 2 0.375 2 ==> 0
168 (*Position o) 1 0.375 2 ==> 1
349 (Anteroflexi) 1 0.500 0 ==> 1
372 (*Length of ) 1 0.731 1 ==> 2
393 (Alignment o) 1 0.875 0 ==> 1
434 (*Length of ) 1 0.333 1 --> 0
node_190 --> Caviocricetus lu 179 (*Length of ) 2 0.680 0 ==> 2
180 (Mesolophon) 1 0.800 1 ==> 0
181 (Mesolophon) 1 0.889 1 ==> 0
222 (Lingual con) 1 0.273 1 ==> 0
223 (Lingual con) 1 0.333 1 ==> 0
224 (Size of the) 1 0.200 0 ==> 1
308 (*Position o) 1 0.273 2 --> 1
310 (Metalophuli) 1 0.600 1 ==> 0
328 (*Orientatio) 1 0.467 2 --> 1
338 (Alignment o) 1 0.308 0 ==> 1
node_191 --> Plesiacarechymys 73 (*DP4 length/) 1 0.333 1 ==> 0
109 (Pronounced) 1 0.333 0 --> 1
120 (*Size of M1) 1 0.125 1 ==> 0
192 (Position of) 1 0.154 0 ==> 1
334 (Lingual con) 1 0.632 2 ==>
(01)
node_193 --> Sallamys pascual 410 (Strong redu) 1 0.125 1 ==> 0
9 (*Degree of hy) 2 0.111 0 ==> 2
34 (Length of th) 1 1.000 0 ==> 1
35 (Orientatio) 1 0.450 1 ==> 0
39 (Mure on P4) 1 0.500 1 ==> 0
59 (Anterior arm) 1 0.778 1 ==> 0
94 (Surface of t) 1 0.333 1 ==> 0
96 (*Posterior i) 1 0.375 1 ==> 0
103 (Mesolophule) 1 0.429 1 ==> 0
171 (Posterior i) 1 0.640 1 ==> 0
252 (*Length of ) 1 0.167 1 ==> 2
256 (*Devel opmen) 1 0.308 1 ==> 2
282 (Notch betwe) 1 0.500 0 ==> 1
309 (Metaconid-p) 1 0.500 0 ==> 1
339 (Mesoconid-l) 1 0.625 0 --> 1
372 (*Length of ) 1 0.731 1 ==> 2
375 (*Length of ) 1 0.353 1 ==> 2
434 (*Length of ) 1 0.333 1 --> 0
437 (*Locatio n o) 1 0.143 1 ==> 0
node_196 --> Mayomys confluen 82 (Posterior ar) 1 0.333 0 --> 1
84 (Orientatio) 1 0.471 1 ==> 2
100 (Mesolophon) 1 0.429 1 ==> 0
111 (Metacone on) 1 0.167 0 ==> 1
182 (*Length of ) 1 0.625 1 ==> 0
208 (Posterior i) 1 0.100 1 ==> 0
258 (*Position o) 1 0.375 1 ==> 2
266 (*Anterior i) 1 0.846 1 ==> 2
node_197 --> Eosallamys paula 62 (Pronounced A) 1 0.444 1 ==> 0
97 (Anterior arm) 1 0.375 1 ==> 0
98 (Posterior ar) 1 0.400 1 ==> 0
120 (*Size of M1) 1 0.125 1 --> 0
308 (*Position o) 1 0.273 1 ==> 0
393 (Alignment o) 1 0.875 0 ==> 1
node_201 --> node_200 53 (Length of th) 1 0.750 0 --> 1
84 (Orientatio) 1 0.471 1 ==> 2
96 (*Posterior i) 1 0.375 0 --> 1
120 (*Size of M1) 1 0.125 1 --> 0
258 (*Position o) 1 0.375 1 --> 2
277 (Mesolophid) 1 0.929 0 --> 1
320 (Neocristid) 1 0.750 0 ==> 1
372 (*Length of ) 1 0.731 1 ==> 0
376 (Lingual con) 1 0.636 2 --> 3
388 (Lingual con) 1 0.857 0 --> 3
437 (*Locatio n o) 1 0.143 1 --> 0
node_200 --> Shapajamys laboc 28 (Posterior ar) 1 0.500 1 ==> 0

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	31 (Length of th)	1	0.333	0	==>	1
	68 (Metaloph on)	1	0.462	1	==>	0
	79 (Neocrestule)	1	0.750	0	==>	1
	205 (Thicknes s o)	1	0.600	1	==>	0
	223 (Lingual con)	1	0.333	1	==>	0
	305 (Anteroconi d)	1	0.286	0	-->	1
	308 (*Positi on o)	1	0.273	1	==>	0
	321 (Labial conn)	1	1.000	0	==>	1
	325 (Protoconi d)	1	0.400	1	==>	0
	328 (*Ori entati o)	1	0.467	0	==>	1
node_200 --> node_199	35 (Orientati on)	1	0.450	1	-->	0
	36 (Lingual prot)	1	0.250	0	-->	1
	39 (Mure on P4)	1	0.500	1	-->	0
	46 (*Anterior is)	1	0.714	0	-->	1
	64 (Metacone on)	1	0.222	0	-->	1
	85 (Lingual prot)	1	0.500	0	-->	1
	101 (Length of t)	1	1.000	0	-->	1
	147 (Lingual pro)	1	0.643	0	==>	1
	151 (Lingual pro)	1	0.400	0	==>	1
	174 (Posterior a)	1	0.391	1	-->	0
	202 (Devel opment)	1	0.400	0	==>	1
	311 (Lingual con)	1	0.333	1	-->	0
	312 (Labial conn)	1	0.500	1	-->	0
	340 (*Positi on o)	1	0.412	2	-->	1
	395 (Positi on of)	1	0.421	1	==>	0
node_199 --> Eobrani samys rom	178 (Mesol ophul e)	1	0.583	1	==>	0
	185 (Lingual con)	1	0.688	1	==>	0
node_199 --> Eobrani samys jav	384 (Length of t)	1	0.700	0	==>	1
	401 (Obli qui ty o)	1	0.632	0	==>	1
node_204 --> node_203	36 (Lingual prot)	1	0.250	0	-->	1
	69 (Lingual conn)	1	0.615	0	-->	4
	192 (Positi on of)	1	0.154	0	-->	1
	199 (Metacone on)	1	0.444	0	-->	1
	205 (Thicknes s o)	1	0.600	1	==>	0
	211 (Metaloph on)	1	0.647	0	-->	1
	289 (Alignm ent o)	1	0.800	0	==>	1
	291 (Height of t)	1	0.250	1	==>	0
	347 (*Height of)	1	0.500	2	-->	1
	363 (Labial conn)	1	0.667	0	-->	1
	372 (*Length of)	1	0.731	1	-->	2
	374 (Posterior a)	1	0.375	0	-->	1
	404 (*Height of)	1	0.308	2	-->	1
	440 (*Locati on o)	1	0.261	0	-->	1
node_203 --> Pozomys ucayal ie	146 (Ori entati on)	1	0.814	1	==>	2
	147 (Lingual pro)	1	0.643	0	==>	1
	197 (Pronounced)	1	0.435	0	==>	1
	229 (*Reducti on)	1	0.167	0	==>	1
	269 (Posterior a)	1	0.545	0	==>	1
	392 (Mesi olabi al)	1	0.931	1	==>	0
node_203 --> node_202	5 (*Ori entati on)	1	0.571	0	-->	1
	9 (*Degree of hy)	1	0.111	0	==>	1
	123 (M2 length/w)	1	0.154	0	==>	1
	151 (Lingual pro)	1	0.400	0	-->	1
	200 (Metacone on)	1	0.500	0	-->	1
	212 (Metaloph on)	1	0.615	0	-->	1
	256 (*Devel opmen)	1	0.308	1	-->	2
	267 (Buccal meta)	1	0.667	0	-->	1
	409 (Anterofl exi)	1	0.286	0	-->	1
node_202 --> Tarapotomys mayo	44 (*Devel opment)	1	0.636	1	==>	0
	87 (*Ori entati on)	1	0.500	2	==>	1
	393 (Alignm ent o)	1	0.875	0	==>	1
node_202 --> Tarapotomys suba	60 (Length of th)	1	0.500	1	==>	0
	84 (Ori entati on)	1	0.471	1	==>	2
	115 (Metaloph on)	1	0.667	1	==>	0
	143 (Thi cknes s o)	1	0.643	0	==>	1
	174 (Posterior a)	1	0.391	1	-->	0
	192 (Positi on of)	1	0.154	1	-->	0
node_206 --> Cachi yacuy kumme	35 (Ori entati on)	1	0.450	0	==>	1

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	201 (*Devel opmen)	1	0.400	1	==>	2
	215 (Lingual con)	1	0.870	3	==>	0
	224 (Size of the)	1	0.200	0	-->	1
	270 (Lingual con)	1	0.773	3	==>	1
node_209 --> node_208	93 (Mesostyle on)	1	0.833	1	-->	0
	164 (Mesostyle o)	1	0.625	1	-->	0
	165 (Mesostyle o)	1	0.750	1	-->	0
	171 (Posterior i)	1	0.640	0	-->	1
	197 (Pronounced)	1	0.435	0	-->	1
	203 (*Positi on o)	1	0.385	1	==>	2
	217 (Lingual con)	1	0.696	2	==>	4
	303 (Tri goni d wi)	1	0.125	0	==>	1
	308 (*Positi on o)	1	0.273	1	-->	2
	317 (Metaconid c)	1	0.571	1	-->	0
	323 (Lingual con)	1	0.800	3	-->	0
	327 (Thi rd crist)	1	0.250	1	-->	0
	329 (Neomesol oph)	1	0.529	1	-->	0
	333 (Mesol ophi d)	1	0.500	1	-->	0
	360 (Length of t)	1	0.650	0	==>	1
	371 (Posterior a)	1	0.706	0	-->	1
	374 (Posterior a)	1	0.375	0	-->	1
	375 (*Length of)	2	0.353	0	-->	2
	376 (Lingual con)	1	0.636	2	-->	0
	439 (Notch for t)	1	0.360	1	==>	4
	443 (*Devel opmen)	1	0.333	2	-->	1
	454 (Anterior pr)	1	0.111	0	==>	1
	462 (*Posterior)	1	0.154	1	-->	2
	473 (Conformati o)	2	0.500	0	-->	2
	478 (Depth of th)	1	0.250	0	-->	1
	479 (Length of t)	1	0.333	0	-->	1
	483 (Positi on of)	1	0.600	0	-->	1
	506 (Mastoid pro)	1	0.250	1	-->	0
node_208 --> Thryonomys swi nd	510 (Thi ckness o)	1	0.250	0	==>	1
	73 (*DP4 length/)	1	0.333	1	==>	0
	99 (Thi rd crest)	1	0.500	1	==>	0
	103 (Mesol ophul e)	1	0.429	1	==>	0
	120 (*Si ze of M1)	1	0.125	1	-->	0
	175 (Thi rd crest)	1	0.333	1	==>	0
	176 (Thi rd crest)	1	0.667	1	==>	0
	177 (Mesol ophul e)	1	0.583	1	==>	0
	178 (Mesol ophul e)	1	0.583	1	==>	0
	196 (Pronounced)	1	0.742	0	==>	1
	202 (Devel opment)	1	0.400	0	==>	1
	207 (Posterol oph)	1	0.750	0	==>	1
	209 (Posterol oph)	1	0.333	0	==>	1
	434 (*Length of)	1	0.333	1	-->	0
	440 (*Locati on o)	1	0.261	0	-->	1
	441 (*Devel opmen)	1	0.238	0	==>	1
	442 (*Anterior o)	1	0.214	0	==>	1
	490 (Devel opment)	1	0.250	0	-->	1
	491 (*Apex of th)	1	0.500	1	==>	2
	492 (Anterior ma)	1	0.400	1	==>	0
	499 (Devel opment)	1	0.111	0	==>	1
	500 (Devel opment)	1	0.143	0	==>	1
node_208 --> Paraphi omys pi go	20 (*I nci sors pr)	1	0.125	1	==>	0
	114 (*Metacone-p)	1	0.375	2	-->	1
	218 (Double ling)	1	1.000	0	==>	2
	302 (Proporti ons)	1	0.500	1	==>	0
	313 (Mesostyli d)	1	0.571	1	==>	0
	443 (*Devel opmen)	1	0.333	1	==>	0
	464 (Interorbi ta)	1	0.333	0	==>	1
	465 (Posterior s)	1	0.667	1	==>	0
	471 (Postorbi tal)	1	0.077	1	==>	0
node_210 --> Metaphi omys scha	185 (Lingual con)	1	0.688	1	==>	0
	205 (Thi ckness o)	1	0.600	1	==>	0
	208 (Posterior i)	1	0.100	1	==>	0
	372 (*Length of)	1	0.731	1	==>	0
node_211 --> Acri tophi omys bo	53 (Length of th)	1	0.750	0	==>	1

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	61 (Orientation)	1	0.500	0	==>	2
	168 (*Position o)	1	0.375	0	==>	1
	284 (*Posterior)	1	0.474	1	==>	0
	330 (Length of t)	1	0.500	0	==>	1
	467 (Maxillary o)	1	0.400	0	==>	1
	472 (Development)	1	0.333	0	-->	1
node_214 --> Baluchimys barry	81 (Length of th)	1	1.000	0	-->	1
	142 (Posterior a)	1	0.731	0	==>	1
	157 (Mure on M3)	1	0.500	1	-->	0
	164 (Mesostyle o)	1	0.625	1	==>	0
	165 (Mesostyle o)	1	0.750	1	==>	0
	190 (Development)	1	0.333	1	-->	0
	191 (Position of)	1	0.286	0	==>	1
	340 (*Position o)	1	0.412	1	==>	2
	368 (Posterior i)	1	0.600	0	==>	1
	376 (Lingual con)	1	0.636	2	-->	0

Character diagnostics:

Character	Range	Min steps	Tree steps	Max steps	CI	RI	RC	HI	G-fit
1 (*Cusp(-id)s and)	2	2	3	11	0.667	0.889	0.593	0.333	0.750
2 (Cusp(-id)s)	1	1	1	7	1.000	1.000	1.000	0.000	1.000
3 (*Loph(-id)s (at)	2	3	11	38	0.273	0.771	0.210	0.818	0.250
4 (*Orientation of)	2	9	18	46	0.500	0.757	0.378	0.889	0.158
5 (*Orientation of)	2	16	28	58	0.571	0.714	0.408	0.929	0.103
6 (Furrow opposite)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
7 (Transverse dent)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
8 (*Cement (in you)	2	2	27	33	0.074	0.194	0.014	0.926	0.107
9 (*Degree of hyps)	3	3	27	105	0.111	0.765	0.085	0.889	0.111
10 (Substitution o)	1	1	4	24	0.250	0.870	0.217	0.750	0.500
11 (Upper tooth ro)	1	1	8	21	0.125	0.650	0.081	0.875	0.300
12 (Degree of the)	1	1	4	9	0.250	0.625	0.156	0.750	0.500
13 (Distribution o)	1	2	3	13	0.667	0.909	0.606	0.667	0.600
14 (Importance of)	1	1	3	6	0.333	0.600	0.200	0.667	0.600
15 (Number of root)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
16 (Type of HSB of)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
17 (*IPM arrangeme)	2	7	13	31	0.538	0.750	0.404	0.846	0.214
18 (Enamel of uppe)	1	2	7	7	0.286	0.000	0.000	0.857	0.333
19 (*Lower incisor)	2	3	13	18	0.231	0.333	0.077	0.846	0.214
20 (*Incisors proc)	2	2	16	18	0.125	0.125	0.016	0.875	0.176
21 (Third upper de)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
22 (*Size of P4 (a	2	2	13	19	0.154	0.353	0.054	0.846	0.214
23 (Anterocingulum)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
24 (Length of the)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
25 (Height of the)	1	1	1	11	1.000	1.000	1.000	0.000	1.000
26 (Anterocingulum)	1	2	3	6	0.667	0.750	0.500	0.667	0.600
27 (Anterocingulum)	1	4	9	10	0.444	0.167	0.074	0.889	0.273
28 (Posterior arm)	1	3	6	7	0.500	0.250	0.125	0.833	0.375
29 (Protoconule on)	1	2	3	4	0.667	0.500	0.333	0.667	0.600
30 (Outgrowth of t)	1	1	3	5	0.333	0.500	0.167	0.667	0.600
31 (Length of the)	1	3	9	26	0.333	0.739	0.246	0.889	0.273
32 (Height of the)	1	2	2	3	1.000	1.000	1.000	0.500	0.750
33 (Labial protolo)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
34 (Length of the)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
35 (Orientation of)	2	9	20	31	0.450	0.500	0.225	0.900	0.143
36 (Lingual protol)	1	3	12	29	0.250	0.654	0.163	0.917	0.214
37 (Height of the)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
38 (*Orientation o)	2	3	5	16	0.600	0.846	0.508	0.600	0.500
39 (Mure on P4)	1	6	12	22	0.500	0.625	0.313	0.917	0.214
40 (Height of the)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
41 (Metaconule on)	1	2	4	8	0.500	0.667	0.333	0.750	0.500
42 (*Development o)	2	2	3	4	0.667	0.500	0.333	0.333	0.750
43 (Mesostyle on P)	1	4	8	14	0.500	0.600	0.300	0.875	0.300
44 (*Development o)	2	7	11	11	0.636	0.000	0.000	0.818	0.250
45 (Height of the)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
46 (*Anterior isol)	2	5	7	7	0.714	0.000	0.000	0.714	0.375

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47	(*Posterior iso)	2	12	20	28	0.600	0.500	0.300	0.900	0.143
48	(Mesostyle and)	1	4	4	4	1.000	0/0	0/0	0.750	0.500
49	(Anterior arm o)	1	5	10	10	0.500	0.000	0.000	0.900	0.250
50	(Posterior arm)	1	5	9	9	0.556	0.000	0.000	0.889	0.273
51	(Third crest (m	1	5	9	19	0.556	0.714	0.397	0.889	0.273
52	(Mesolophule on)	1	9	14	19	0.643	0.500	0.321	0.929	0.188
53	(Length of the)	1	6	8	8	0.750	0.000	0.000	0.875	0.300
54	(Height of the)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
55	(Lingual connec)	2	2	2	4	1.000	1.000	1.000	0.000	1.000
56	(Mesoloph on P4)	1	9	12	26	0.750	0.824	0.618	0.917	0.214
57	(Lingual connec)	2	9	13	18	0.692	0.556	0.385	0.846	0.214
58	(Hypocone on P4)	1	1	3	5	0.333	0.500	0.167	0.667	0.600
59	(Anterior arm o)	1	7	9	12	0.778	0.600	0.467	0.889	0.273
60	(Length of the)	1	1	2	5	0.500	0.750	0.375	0.500	0.750
61	(Orientation of)	2	3	6	7	0.500	0.250	0.125	0.667	0.429
62	(Pronounced AAH)	1	4	9	18	0.444	0.643	0.286	0.889	0.273
63	(Tendency to pr)	1	2	7	11	0.286	0.444	0.127	0.857	0.333
64	(Metacone on P4)	1	2	9	13	0.222	0.364	0.081	0.889	0.273
65	(Metacone-poste)	1	2	7	9	0.286	0.286	0.082	0.857	0.333
66	(Fusion of the)	1	2	4	6	0.500	0.500	0.250	0.750	0.500
67	(Anterior arm o)	1	3	6	8	0.500	0.400	0.200	0.833	0.375
68	(Metaloph on P4)	1	6	13	28	0.462	0.682	0.315	0.923	0.200
69	(Lingual connec)	4	8	13	21	0.615	0.615	0.379	0.692	0.250
70	(Lingual connec)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
71	(Direct metalop)	1	2	2	7	1.000	1.000	1.000	0.500	0.750
72	(Height of the)	1	2	2	8	1.000	1.000	1.000	0.500	0.750
73	(*DP4 length/wi)	2	6	18	33	0.333	0.556	0.185	0.889	0.158
74	(Labial pericin)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
75	(Length of the)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
76	(*Height of the)	2	3	6	17	0.500	0.786	0.393	0.667	0.429
77	(Anterocingulum)	1	3	4	6	0.750	0.667	0.500	0.750	0.500
78	(Anterocingulum)	1	1	4	7	0.250	0.500	0.125	0.750	0.500
79	(Neocrestule on)	1	3	4	4	0.750	0.000	0.000	0.750	0.500
80	(Outgrowth of t)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
81	(Length of the)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
82	(Posterior arm)	1	2	6	12	0.333	0.600	0.200	0.833	0.375
83	(Protoconule on)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
84	(Orientation of)	2	8	17	32	0.471	0.625	0.294	0.882	0.167
85	(Lingual protol)	1	2	4	9	0.500	0.714	0.357	0.750	0.500
86	(Height of the)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
87	(*Orientation o)	2	3	6	16	0.500	0.769	0.385	0.667	0.429
88	(Mure on DP4)	1	3	5	11	0.600	0.750	0.450	0.800	0.429
89	(Lenght of the)	1	3	4	5	0.750	0.500	0.375	0.750	0.500
90	(Metaconule on)	1	1	1	9	1.000	1.000	1.000	0.000	1.000
91	(Development of)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
92	(Metaconule pos)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
93	(Mesostyle on D)	1	5	6	8	0.833	0.667	0.556	0.833	0.375
94	(Surface of the)	1	1	3	10	0.333	0.778	0.259	0.667	0.600
95	(*Anterior isol)	2	3	3	4	1.000	1.000	1.000	0.333	0.750
96	(*Posterior iso)	2	6	16	27	0.375	0.524	0.196	0.875	0.176
97	(Anterior arm o)	1	3	8	12	0.375	0.444	0.167	0.875	0.300
98	(Posterior arm)	1	2	5	8	0.400	0.500	0.200	0.800	0.429
99	(Third crest (m	1	2	4	7	0.500	0.600	0.300	0.750	0.500
100	(Mesoloph on D)	1	3	7	19	0.429	0.750	0.321	0.857	0.333
101	(Length of the)	1	5	5	5	1.000	0/0	0/0	0.800	0.429
102	(Lingual connec)	2	6	7	9	0.857	0.667	0.571	0.714	0.375
103	(Mesolophule o)	1	3	7	14	0.429	0.636	0.273	0.857	0.333
104	(Length of the)	1	6	6	8	1.000	1.000	1.000	0.833	0.375
105	(Hypocone on D)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
106	(Development o)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
107	(Anterior arm)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
108	(Connection of)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
109	(Pronounced AA)	1	4	12	17	0.333	0.385	0.128	0.917	0.214
110	(Tendency prot)	1	2	3	5	0.667	0.667	0.444	0.667	0.600
111	(Metacone on D)	1	1	6	8	0.167	0.286	0.048	0.833	0.375
112	(Development o)	1	1	1	10	1.000	1.000	1.000	0.000	1.000
113	(Anterior arm)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
114	(*Metacone-pos)	2	3	8	12	0.375	0.444	0.167	0.750	0.333

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115	(Metaloph on D)	1	6	9	25	0.667	0.842	0.561	0.889	0.273
116	(Posterior arm)	1	2	3	3	0.667	0.000	0.000	0.667	0.600
117	(Lingual spur)	1	6	9	14	0.667	0.625	0.417	0.889	0.273
118	(Lingual conne)	3	8	10	15	0.800	0.714	0.571	0.700	0.300
119	(Direct metal o)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
120	(*Size of M1/M)	2	2	16	17	0.125	0.067	0.008	0.875	0.176
121	(*Size of M3/M)	2	3	23	31	0.130	0.286	0.037	0.913	0.125
122	(M1 length/wid)	1	1	14	28	0.071	0.519	0.037	0.929	0.188
123	(M2 length/wid)	1	2	13	40	0.154	0.711	0.109	0.923	0.200
124	(Labial perici)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
125	(Parastyle on)	1	16	19	21	0.842	0.400	0.337	0.947	0.143
126	(Height the pa)	1	1	1	4	1.000	1.000	1.000	0.000	1.000
127	(Anterostyle o)	1	1	3	3	0.333	0.000	0.000	0.667	0.600
128	(*Anterocingul)	2	3	4	23	0.750	0.950	0.712	0.500	0.600
129	(Length of the)	1	1	4	5	0.250	0.250	0.063	0.750	0.500
130	(Anterocingulu)	1	7	10	16	0.700	0.667	0.467	0.900	0.250
131	(Anterocingulu)	1	1	2	7	0.500	0.833	0.417	0.500	0.750
132	(Anterocingulu)	1	1	1	7	1.000	1.000	1.000	0.000	1.000
133	(Lingual anter)	1	1	3	6	0.333	0.600	0.200	0.667	0.600
134	(Anterior arm)	1	1	1	9	1.000	1.000	1.000	0.000	1.000
135	(*Protocone co)	2	2	4	18	0.500	0.875	0.438	0.500	0.600
136	(Outgrowth of)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
137	(Length of the)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
138	(Outgrowth of)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
139	(Length of the)	1	1	2	6	0.500	0.800	0.400	0.500	0.750
141	(Length of the)	1	1	2	5	0.500	0.750	0.375	0.500	0.750
142	(Posterior arm)	1	19	26	34	0.731	0.533	0.390	0.962	0.107
143	(Thickness of)	1	9	14	17	0.643	0.375	0.241	0.929	0.188
144	(Protoconule o)	1	2	2	6	1.000	1.000	1.000	0.500	0.750
145	(Labial protol)	1	3	3	3	1.000	0/0	0/0	0.667	0.600
146	(Orientation o)	2	35	43	66	0.814	0.742	0.604	0.953	0.068
147	(Lingual proto)	1	9	14	31	0.643	0.773	0.497	0.929	0.188
148	(*Height of th)	2	4	7	16	0.571	0.750	0.429	0.714	0.375
149	(Length of the)	1	4	5	5	0.800	0.000	0.000	0.800	0.429
150	(*Orientation)	2	8	11	25	0.727	0.824	0.599	0.818	0.250
151	(Lingual proto)	1	4	10	21	0.400	0.647	0.259	0.900	0.250
152	(*Height of th)	2	4	6	10	0.667	0.667	0.444	0.667	0.429
153	(Length of the)	1	2	3	4	0.667	0.500	0.333	0.667	0.600
154	(*Orientation)	2	7	10	20	0.700	0.769	0.538	0.800	0.273
155	(Mure on M1-2)	1	6	9	15	0.667	0.667	0.444	0.889	0.273
156	(Length of the)	1	5	5	5	1.000	0/0	0/0	0.800	0.429
157	(Mure on M3)	1	3	6	9	0.500	0.500	0.250	0.833	0.375
158	(Length of the)	1	3	3	3	1.000	0/0	0/0	0.667	0.600
159	(*Height of th)	2	4	6	13	0.667	0.778	0.519	0.667	0.429
160	(Mure-protolop)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
161	(Metaconule on)	1	2	2	13	1.000	1.000	1.000	0.500	0.750
162	(Development o)	1	1	1	6	1.000	1.000	1.000	0.000	1.000
163	(Metaconule po)	1	1	1	6	1.000	1.000	1.000	0.000	1.000
164	(Mesostyle on)	1	5	8	8	0.625	0.000	0.000	0.875	0.300
165	(Mesostyle on)	1	3	4	4	0.750	0.000	0.000	0.750	0.500
166	(*Development)	2	6	11	39	0.545	0.848	0.463	0.818	0.250
167	(*Height of th)	2	3	4	24	0.750	0.952	0.714	0.500	0.600
168	(*Position of)	2	3	8	30	0.375	0.815	0.306	0.750	0.333
169	(Anterior isol)	1	7	9	9	0.778	0.000	0.000	0.889	0.273
170	(Anterior conn)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
171	(Posterior iso)	1	16	25	34	0.640	0.500	0.320	0.960	0.111
172	(Posterior con)	1	4	4	4	1.000	0/0	0/0	0.750	0.500
173	(Anterior arm)	1	13	25	30	0.520	0.294	0.153	0.960	0.111
174	(Posterior arm)	1	9	23	29	0.391	0.300	0.117	0.957	0.120
175	(Third crest (	1	1	3	9	0.333	0.750	0.250	0.667	0.600
176	(Third crest (	1	2	3	8	0.667	0.833	0.556	0.667	0.600
177	(Mesolophule o)	1	7	12	32	0.583	0.800	0.467	0.917	0.214
178	(Mesolophule o)	1	7	12	26	0.583	0.737	0.430	0.917	0.214
179	(*Length of th)	2	17	25	32	0.680	0.467	0.317	0.920	0.115
180	(Mesoloph on M)	1	8	10	23	0.800	0.867	0.693	0.900	0.250
181	(Mesoloph on M)	1	8	9	19	0.889	0.909	0.808	0.889	0.273
182	(*Length of th)	2	10	16	17	0.625	0.143	0.089	0.875	0.176
183	(Lingual conne)	5	17	21	32	0.810	0.733	0.594	0.762	0.158

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184	(Double lingua)	1	5	5	5	1.000	0/0	0/0	0.800	0.429
185	(Lingual conne)	3	11	16	24	0.688	0.615	0.423	0.813	0.188
186	(Double lingua)	3	4	4	4	1.000	0/0	0/0	0.250	0.750
187	(Hypocone on M)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
188	(Hypocone on M)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
189	(Development o)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
190	(Development o)	1	1	3	3	0.333	0.000	0.000	0.667	0.600
191	(Position of t)	1	2	7	7	0.286	0.000	0.000	0.857	0.333
192	(Position of t)	1	2	13	13	0.154	0.000	0.000	0.923	0.200
193	(Position of t)	1	2	2	3	1.000	1.000	1.000	0.500	0.750
194	(Anterior arm)	1	1	1	6	1.000	1.000	1.000	0.000	1.000
195	(Connection of)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
196	(Pronounced AA)	1	23	31	47	0.742	0.667	0.495	0.968	0.091
197	(Pronounced AA)	1	10	23	39	0.435	0.552	0.240	0.957	0.120
198	(Tendency prot)	1	10	13	23	0.769	0.769	0.592	0.923	0.200
199	(Metacone on M)	1	4	9	24	0.444	0.750	0.333	0.889	0.273
200	(Metacone on M)	1	5	10	21	0.500	0.688	0.344	0.900	0.250
201	(*Development)	2	4	10	20	0.400	0.625	0.250	0.800	0.273
202	(Development o)	1	2	5	10	0.400	0.625	0.250	0.800	0.429
203	(*Position of)	2	5	13	21	0.385	0.500	0.192	0.846	0.214
204	(Anterior arm)	1	5	7	7	0.714	0.000	0.000	0.857	0.333
205	(Thickness of)	1	6	10	15	0.600	0.556	0.333	0.900	0.250
206	(Posterior iso)	1	6	13	21	0.462	0.533	0.246	0.923	0.200
207	(Posteroloph-m)	1	6	8	8	0.750	0.000	0.000	0.875	0.300
208	(Posterior iso)	1	1	10	16	0.100	0.400	0.040	0.900	0.250
209	(Posteroloph-m)	1	1	3	3	0.333	0.000	0.000	0.667	0.600
210	(Mesostyle and)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
211	(Metaloph on M)	1	11	17	49	0.647	0.842	0.545	0.941	0.158
212	(Metaloph on M)	1	8	13	36	0.615	0.821	0.505	0.923	0.200
213	(Height of the)	2	2	3	3	0.667	0.000	0.000	0.333	0.750
214	(Posteroloph s)	1	22	26	34	0.846	0.667	0.564	0.962	0.107
215	(Lingual conne)	3	20	23	33	0.870	0.769	0.669	0.870	0.130
216	(Double lingua)	3	10	10	10	1.000	0/0	0/0	0.700	0.300
217	(Lingual conne)	4	16	23	39	0.696	0.696	0.484	0.826	0.136
218	(Double lingua)	3	5	5	5	1.000	0/0	0/0	0.400	0.600
219	(Direct metalo)	1	1	2	6	0.500	0.800	0.400	0.500	0.750
220	(Direct metalo)	1	3	3	5	1.000	1.000	1.000	0.667	0.600
221	(Labial part o)	1	1	1	6	1.000	1.000	1.000	0.000	1.000
222	(Lingual conne)	1	3	11	21	0.273	0.556	0.152	0.909	0.231
223	(Lingual conne)	1	5	15	19	0.333	0.286	0.095	0.933	0.176
224	(Size of the n)	1	1	5	5	0.200	0.000	0.000	0.800	0.429
225	(Size of the n)	1	2	5	7	0.400	0.400	0.160	0.800	0.429
226	(Paraflexus (+)	1	1	7	14	0.143	0.538	0.077	0.857	0.333
227	(*Reduction of)	2	2	14	14	0.143	0.000	0.000	0.857	0.200
228	(Mesial mesofl)	1	2	5	17	0.400	0.800	0.320	0.800	0.429
229	(*Reduction of)	2	2	12	15	0.167	0.231	0.038	0.833	0.231
230	(Posteroflexus)	1	3	6	12	0.500	0.667	0.333	0.833	0.375
231	(Reduction of)	1	2	5	6	0.400	0.250	0.100	0.800	0.429
232	(Hypoflexus on)	1	4	5	14	0.800	0.900	0.720	0.800	0.429
234	(*Transversal)	2	2	7	21	0.286	0.737	0.211	0.714	0.375
235	(Formation of)	1	1	5	16	0.200	0.733	0.147	0.800	0.429
236	(Number of lob)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
237	(*Number of lo)	2	2	2	3	1.000	1.000	1.000	0.000	1.000
238	(Complete fusi)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
239	(Fusion of the)	1	1	1	4	1.000	1.000	1.000	0.000	1.000
240	(Fusion of the)	1	1	1	4	1.000	1.000	1.000	0.000	1.000
241	(Shape of the)	3	3	4	7	0.750	0.750	0.563	0.250	0.750
242	(Shape of the)	3	3	4	7	0.750	0.750	0.563	0.250	0.750
243	(Posterior pro)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
244	(Laminae on pr)	1	1	4	10	0.250	0.667	0.167	0.750	0.500
245	(Laminae on pr)	1	1	5	11	0.200	0.600	0.120	0.800	0.429
246	(Laminae on wo)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
247	(Laminae on wo)	1	1	3	5	0.333	0.500	0.167	0.667	0.600
248	(*Number of la)	2	2	3	8	0.667	0.833	0.556	0.333	0.750
249	(*Number of la)	4	4	6	10	0.667	0.667	0.444	0.333	0.600
250	(Primary exter)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
251	(Secondary ext)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
252	(*Length of p4)	3	3	18	33	0.167	0.500	0.083	0.833	0.167

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253	(Width of p4/m)	1	1	9	18	0.111	0.529	0.059	0.889	0.273
254	(*Talonid of p)	2	3	8	10	0.375	0.286	0.107	0.750	0.333
255	(Anterior cing)	1	2	3	3	0.667	0.000	0.000	0.667	0.600
256	(*Development)	2	8	26	32	0.308	0.250	0.077	0.923	0.111
257	(Metaconid-pro)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
258	(*Position of)	2	6	16	19	0.375	0.231	0.087	0.875	0.176
259	(Metalophulid)	1	3	7	8	0.429	0.200	0.086	0.857	0.333
260	(Anterior arm)	1	5	11	12	0.455	0.143	0.065	0.909	0.231
261	(Anterior arm)	1	8	15	21	0.533	0.462	0.246	0.933	0.176
262	(Labial connec)	2	10	17	23	0.588	0.462	0.271	0.882	0.167
263	(Posterior arm)	1	2	7	19	0.286	0.706	0.202	0.857	0.333
264	(Thickness of)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
265	(Mesostylid on)	1	7	12	26	0.583	0.737	0.430	0.917	0.214
266	(*Anterior iso)	2	11	13	18	0.846	0.714	0.604	0.846	0.214
267	(Buccal metaco)	1	12	18	22	0.667	0.400	0.267	0.944	0.150
268	(Neocristid on)	1	1	4	4	0.250	0.000	0.000	0.750	0.500
269	(Posterior arm)	1	6	11	20	0.545	0.643	0.351	0.909	0.231
270	(Lingual connec)	4	17	22	24	0.773	0.286	0.221	0.818	0.143
271	(Double lingua)	2	7	7	7	1.000	0/0	0/0	0.714	0.375
272	(Neomesolophid)	1	12	19	25	0.632	0.462	0.291	0.947	0.143
273	(Mesiolabial o)	1	6	7	9	0.857	0.667	0.571	0.857	0.333
274	(Intensity of)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
275	(Labial connec)	1	2	2	6	1.000	1.000	1.000	0.500	0.750
276	(Mesoconid on)	1	5	7	7	0.714	0.000	0.000	0.857	0.333
277	(Mesolophid on)	1	13	14	16	0.929	0.667	0.619	0.929	0.188
278	(Length of the)	1	3	3	3	1.000	0/0	0/0	0.667	0.600
279	(Ectolophid on)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
280	(*Height of th)	2	2	3	7	0.667	0.800	0.533	0.333	0.750
281	(Interruption)	1	4	4	4	1.000	0/0	0/0	0.750	0.500
282	(Notch between)	1	4	8	10	0.500	0.333	0.167	0.875	0.300
283	(Development o)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
284	(*Posterior is)	2	9	19	31	0.474	0.545	0.258	0.895	0.150
285	(Hypolophid on)	1	4	6	8	0.667	0.500	0.333	0.833	0.375
286	(Length of the)	1	4	7	8	0.571	0.250	0.143	0.857	0.333
287	(Labial connec)	3	10	12	12	0.833	0.000	0.000	0.750	0.250
288	(Posterior cri)	1	2	2	6	1.000	1.000	1.000	0.500	0.750
289	(Alignment of)	1	8	10	17	0.800	0.778	0.622	0.900	0.250
290	(Anterior arm)	1	2	4	16	0.500	0.857	0.429	0.750	0.500
291	(Height of the)	1	1	4	7	0.250	0.500	0.125	0.750	0.500
292	(Length of the)	1	3	4	4	0.750	0.000	0.000	0.750	0.500
293	(Anterior outg)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
294	(Hypoconulid o)	1	3	4	4	0.750	0.000	0.000	0.750	0.500
295	(Development o)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
296	(*Distance bet)	2	2	12	27	0.167	0.600	0.100	0.833	0.231
297	(Anterior proj)	1	1	1	4	1.000	1.000	1.000	0.000	1.000
298	(Development o)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
299	(Primary inter)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
300	(Fundamental e)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
301	(Secondary ext)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
302	(Proportions o)	1	1	2	4	0.500	0.667	0.333	0.500	0.750
303	(Trigonid widt)	1	1	8	16	0.125	0.533	0.067	0.875	0.300
304	(Paraconid (or)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
305	(Anteroconid o)	1	2	7	11	0.286	0.444	0.127	0.857	0.333
306	(Development o)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
307	(Anterior cing)	1	1	2	9	0.500	0.875	0.438	0.500	0.750
308	(*Position of)	2	6	22	28	0.273	0.273	0.074	0.909	0.130
309	(Metaconid-pro)	1	2	4	8	0.500	0.667	0.333	0.750	0.500
310	(Metalophulid)	1	3	5	11	0.600	0.750	0.450	0.800	0.429
311	(Lingual connec)	1	2	6	8	0.333	0.333	0.111	0.833	0.375
312	(Labial connec)	1	3	6	11	0.500	0.625	0.313	0.833	0.375
313	(Mesostylid on)	1	4	7	10	0.571	0.500	0.286	0.857	0.333
314	(Anterior isol)	1	8	16	20	0.500	0.333	0.167	0.938	0.167
315	(Anterior conn)	1	5	6	7	0.833	0.500	0.417	0.833	0.375
316	(Posterior iso)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
317	(Metaconid cri)	1	8	14	20	0.571	0.500	0.286	0.929	0.188
318	(Neocristid 1)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
319	(Labial connec)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
320	(Neocristid 2)	1	3	4	5	0.750	0.500	0.375	0.750	0.500

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321	(Labial connec)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
322	(Posterior arm)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
323	(Lingual connec)	4	16	20	28	0.800	0.667	0.533	0.800	0.158
324	(Double lingua)	2	6	7	7	0.857	0.000	0.000	0.714	0.375
325	(Protoconid cr)	1	4	10	13	0.400	0.333	0.133	0.900	0.250
326	(Connection of)	1	2	3	3	0.667	0.000	0.000	0.667	0.600
327	(Third cristid)	1	2	8	12	0.250	0.400	0.100	0.875	0.300
328	(*Orientation)	2	7	15	22	0.467	0.467	0.218	0.867	0.188
329	(Neomesolophid)	1	9	17	22	0.529	0.385	0.204	0.941	0.158
330	(Length of the)	1	5	10	12	0.500	0.286	0.143	0.900	0.250
331	(Strong forward)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
332	(Mesoconid on)	1	2	3	5	0.667	0.667	0.444	0.667	0.600
333	(Mesolophid on)	1	7	14	18	0.500	0.364	0.182	0.929	0.188
334	(Lingual connec)	2	12	19	23	0.632	0.364	0.230	0.895	0.150
335	(Mesial ectolo)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
336	(Orientation o)	1	5	5	6	1.000	1.000	1.000	0.800	0.429
337	(Distal ectolo)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
338	(Alignment of)	1	4	13	19	0.308	0.400	0.123	0.923	0.200
339	(Mesoconid-lik)	1	5	8	9	0.625	0.250	0.156	0.875	0.300
340	(*Position of)	2	7	17	32	0.412	0.600	0.247	0.882	0.167
341	(Posterior iso)	1	11	13	16	0.846	0.600	0.508	0.923	0.200
342	(Hypolophid on)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
343	(Alignment of)	1	3	5	6	0.600	0.333	0.200	0.800	0.429
344	(Hypoconulid o)	1	3	4	11	0.750	0.875	0.656	0.750	0.500
345	(Development o)	1	4	5	7	0.800	0.667	0.533	0.800	0.429
346	(Anterior arm)	1	2	2	5	1.000	1.000	1.000	0.500	0.750
347	(*Height of th)	2	3	6	11	0.500	0.625	0.313	0.667	0.429
348	(Length of the)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
349	(Anteroflexid)	1	1	2	7	0.500	0.833	0.417	0.500	0.750
350	((Distal) meso)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
351	(Metaflexid on)	1	1	1	6	1.000	1.000	1.000	0.000	1.000
352	(*Trigoniid hei)	2	2	3	10	0.667	0.875	0.583	0.333	0.750
353	(Trigoniid widt)	1	1	8	10	0.125	0.222	0.028	0.875	0.300
354	(*Length of m3)	2	9	25	33	0.360	0.333	0.120	0.920	0.115
355	(*Distance bet)	2	4	5	9	0.800	0.800	0.640	0.600	0.500
356	(Anterocinguli)	1	4	6	9	0.667	0.600	0.400	0.833	0.375
357	(Position of t)	1	3	13	23	0.231	0.500	0.115	0.923	0.200
358	(*Protoconid/m)	2	2	6	14	0.333	0.667	0.222	0.667	0.429
359	(Posterior arm)	1	7	14	23	0.500	0.563	0.281	0.929	0.188
360	(Length of the)	1	13	20	23	0.650	0.300	0.195	0.950	0.136
361	(Thickness of)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
362	(Lingual connec)	1	2	2	2	1.000	0/0	0/0	0.500	0.750
363	(Labial connec)	1	4	6	6	0.667	0.000	0.000	0.833	0.375
364	(Height of the)	1	1	1	7	1.000	1.000	1.000	0.000	1.000
365	(Interruption)	1	3	3	3	1.000	0/0	0/0	0.667	0.600
366	(Mesostylid on)	1	15	20	44	0.750	0.828	0.621	0.950	0.136
367	(Anterior isol)	1	16	19	21	0.842	0.400	0.337	0.947	0.143
368	(Posterior iso)	1	3	5	5	0.600	0.000	0.000	0.800	0.429
369	(Metaconid cri)	1	28	29	31	0.966	0.667	0.644	0.966	0.097
370	(Neocristid (b)	1	2	3	4	0.667	0.500	0.333	0.667	0.600
371	(Posterior arm)	1	12	17	35	0.706	0.783	0.552	0.941	0.158
372	(*Length of th)	2	38	52	56	0.731	0.222	0.162	0.962	0.057
373	(Lingual connec)	5	38	42	58	0.905	0.800	0.724	0.881	0.075
374	(Posterior arm)	1	3	8	35	0.375	0.844	0.316	0.875	0.300
375	(*Length of th)	2	6	17	26	0.353	0.450	0.159	0.882	0.167
376	(Lingual connec)	4	14	22	30	0.636	0.500	0.318	0.818	0.143
377	(Height of the)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
378	(Direction of)	1	5	8	20	0.625	0.800	0.500	0.875	0.300
379	(Labial connec)	1	4	4	8	1.000	1.000	1.000	0.750	0.500
380	(Double lingua)	1	7	7	7	1.000	0/0	0/0	0.857	0.333
381	(Metalophular)	1	8	8	8	1.000	0/0	0/0	0.875	0.300
382	(Protoconid cr)	1	6	6	6	1.000	0/0	0/0	0.833	0.375
383	(Neomesolophid)	1	23	30	47	0.767	0.708	0.543	0.967	0.094
384	(Length of the)	1	14	20	23	0.700	0.333	0.233	0.950	0.136
385	(Labial connec)	1	8	8	8	1.000	0/0	0/0	0.875	0.300
386	(Mesoconid on)	1	6	7	12	0.857	0.833	0.714	0.857	0.333
387	(Mesolophid on)	1	12	12	12	1.000	0/0	0/0	0.917	0.214
388	(Lingual connec)	3	6	7	9	0.857	0.667	0.571	0.571	0.429

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389	(Mesolophid on)	1	4	5	7	0.800	0.667	0.533	0.800	0.429
390	(Lingual conne)	2	5	5	6	1.000	1.000	1.000	0.600	0.500
391	(Ectolophid on)	1	5	6	6	0.833	0.000	0.000	0.833	0.375
392	(Mesiolabial o)	1	27	29	34	0.931	0.714	0.665	0.966	0.097
393	(Alignment of)	1	42	48	60	0.875	0.667	0.583	0.979	0.060
394	(Mesiodistal p)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
395	(Position of t)	1	8	19	38	0.421	0.633	0.267	0.947	0.143
396	(Anterior arm)	1	16	25	33	0.640	0.471	0.301	0.960	0.111
397	(Posterior iso)	1	20	24	30	0.833	0.600	0.500	0.958	0.115
398	(Hypolophid on)	1	3	3	5	1.000	1.000	1.000	0.667	0.600
399	(Height of the)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
400	(Length of the)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
401	(Obliquity of)	1	12	19	41	0.632	0.759	0.479	0.947	0.143
402	(Alignment of)	1	15	17	27	0.882	0.833	0.735	0.941	0.158
403	(Anterior arm)	1	5	6	18	0.833	0.923	0.769	0.833	0.375
404	(*Height of th)	2	4	13	22	0.308	0.500	0.154	0.846	0.214
405	(Length of the)	1	4	4	4	1.000	0/0	0/0	0.750	0.500
406	(Hypoconulid o)	1	4	5	14	0.800	0.900	0.720	0.800	0.429
407	(Development o)	1	2	3	4	0.667	0.500	0.333	0.667	0.600
408	(Hypoconulid o)	1	2	3	9	0.667	0.857	0.571	0.667	0.600
409	(Anteroflexid)	1	2	7	13	0.286	0.545	0.156	0.857	0.333
410	(Strong reduct)	1	1	8	13	0.125	0.417	0.052	0.875	0.300
411	(Mesoflexid (+)	1	1	4	12	0.250	0.727	0.182	0.750	0.500
412	(Strong reduct)	1	1	4	4	0.250	0.000	0.000	0.750	0.500
413	(Metaflexid on)	1	1	2	6	0.500	0.800	0.400	0.500	0.750
414	(Strong reduct)	1	1	3	3	0.333	0.000	0.000	0.667	0.600
415	(Hypoflexid on)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
416	(Transversal e)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
417	(Importance of)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
418	(Formation of)	1	2	5	18	0.400	0.813	0.325	0.800	0.429
419	(Number of lob)	1	2	2	3	1.000	1.000	1.000	0.500	0.750
420	(Shape of the)	3	3	4	6	0.750	0.667	0.500	0.250	0.750
421	(Shape of the)	4	4	4	6	1.000	1.000	1.000	0.000	1.000
422	(Complete fusi)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
423	(Complete fusi)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
424	(Fusion of the)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
425	(Fusion of the)	1	1	2	3	0.500	0.500	0.250	0.500	0.750
426	(Laminae on lo)	1	1	1	5	1.000	1.000	1.000	0.000	1.000
427	(Number of lam)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
428	(Secondary int)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
429	(Tertiary inte)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
430	(Primary inter)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
431	(Fundamental e)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
432	(Secondary ext)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
433	(*Mandible)	2	2	3	10	0.667	0.875	0.583	0.333	0.750
434	(*Length of th)	2	4	12	18	0.333	0.429	0.143	0.833	0.231
435	(Mandible at t)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
436	(Mental forame)	1	1	3	12	0.333	0.818	0.273	0.667	0.600
437	(*Location of)	2	2	14	16	0.143	0.143	0.020	0.857	0.200
438	(Position of t)	2	2	7	13	0.286	0.545	0.156	0.714	0.375
439	(Notch for the)	4	9	25	40	0.360	0.484	0.174	0.840	0.125
440	(*Location of)	3	6	23	37	0.261	0.452	0.118	0.870	0.130
441	(*Development)	2	5	21	40	0.238	0.543	0.129	0.905	0.136
442	(*Anterior ori)	2	3	14	22	0.214	0.421	0.090	0.857	0.200
443	(*Development)	2	12	36	39	0.333	0.111	0.037	0.944	0.081
444	(*Development)	3	3	13	32	0.231	0.655	0.151	0.769	0.231
445	(Development o)	1	1	2	5	0.500	0.750	0.375	0.500	0.750
446	(*Depth of the)	2	2	3	7	0.667	0.800	0.533	0.333	0.750
447	(Coronoid proc)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
448	(Height of the)	1	1	7	7	0.143	0.000	0.000	0.857	0.333
449	(Condyl oid apo)	1	2	3	8	0.667	0.833	0.556	0.667	0.600
450	(Length of the)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
451	(*Posterior ex)	1	1	5	5	0.200	0.000	0.000	0.800	0.429
452	(*Dorsoventral)	2	2	9	13	0.222	0.364	0.081	0.778	0.300
453	(Alveolar prot)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
454	(Anterior proj)	1	1	9	15	0.111	0.429	0.048	0.889	0.273
455	(*Development)	2	2	7	9	0.286	0.286	0.082	0.714	0.375
456	(Length of the)	1	1	6	7	0.167	0.167	0.028	0.833	0.375

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457	(*Length of th)	2	2	13	23	0.154	0.476	0.073	0.846	0.214
458	(*Shape of the)	2	2	14	18	0.143	0.250	0.036	0.857	0.200
459	(*Palatal ridg)	2	2	4	5	0.500	0.333	0.167	0.500	0.600
460	(Margins of th)	2	2	8	9	0.250	0.143	0.036	0.750	0.333
461	(*Length of th)	2	2	17	26	0.118	0.375	0.044	0.882	0.167
462	(*Posterior ex)	2	2	13	15	0.154	0.154	0.024	0.846	0.214
463	(Articulation)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
464	(Interorbital)	1	3	9	10	0.333	0.143	0.048	0.889	0.273
465	(Posterior sut)	2	2	3	4	0.667	0.500	0.333	0.333	0.750
466	(Development o)	1	1	1	3	1.000	1.000	1.000	0.000	1.000
467	(Maxillary on)	1	2	5	5	0.400	0.000	0.000	0.800	0.429
468	(Contact betwe)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
469	(*Development)	2	2	8	21	0.250	0.684	0.171	0.750	0.333
470	(Development o)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
471	(Postorbital p)	1	1	13	18	0.077	0.294	0.023	0.923	0.200
472	(Development o)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
473	(Conformati on)	2	2	4	5	0.500	0.333	0.167	0.500	0.600
474	(Frontal proce)	1	1	9	14	0.111	0.385	0.043	0.889	0.273
475	(Position of t)	1	1	3	8	0.333	0.714	0.238	0.667	0.600
476	(Inferior juga)	1	1	3	8	0.333	0.714	0.238	0.667	0.600
477	(*Position of)	2	2	3	3	0.667	0.000	0.000	0.333	0.750
478	(Depth of the)	1	1	4	11	0.250	0.700	0.175	0.750	0.500
479	(Length of the)	1	1	3	3	0.333	0.000	0.000	0.667	0.600
480	(Development o)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
481	(*Development)	2	2	5	15	0.400	0.769	0.308	0.600	0.500
482	(Associati on b)	1	2	4	6	0.500	0.500	0.250	0.750	0.500
483	(Position of t)	1	3	5	6	0.600	0.333	0.200	0.800	0.429
484	(Exposure of t)	1	1	1	2	1.000	1.000	1.000	0.000	1.000
485	(*Positi on of)	3	3	13	18	0.231	0.333	0.077	0.769	0.231
486	(*Development)	2	2	9	12	0.222	0.300	0.067	0.778	0.300
487	(Position of t)	1	2	4	6	0.500	0.500	0.250	0.750	0.500
488	(Palatine fora)	1	1	4	6	0.250	0.400	0.100	0.750	0.500
489	(Sphenopalatin)	1	3	8	10	0.375	0.286	0.107	0.875	0.300
490	(Development o)	1	1	4	7	0.250	0.500	0.125	0.750	0.500
491	(*Apex of the)	2	2	4	5	0.500	0.333	0.167	0.500	0.600
492	(Anterior marg)	2	4	10	16	0.400	0.500	0.200	0.800	0.273
493	(Lateral devel)	1	1	2	2	0.500	0.000	0.000	0.500	0.750
494	(Development o)	1	1	6	9	0.167	0.375	0.063	0.833	0.375
495	(Masticory and)	1	1	3	5	0.333	0.500	0.167	0.667	0.600
496	(Fusion of the)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
497	(Fusion of the)	1	3	5	9	0.600	0.667	0.400	0.800	0.429
498	(Contact betwe)	1	1	6	9	0.167	0.375	0.063	0.833	0.375
499	(Development o)	1	1	9	11	0.111	0.200	0.022	0.889	0.273
500	(Development o)	1	1	7	8	0.143	0.143	0.020	0.857	0.333
501	(Sagittal cres)	1	2	6	7	0.333	0.200	0.067	0.833	0.375
502	(Orientati on o)	1	1	4	9	0.250	0.625	0.156	0.750	0.500
503	(Paroccipital)	1	1	6	10	0.167	0.444	0.074	0.833	0.375
504	(Length of the)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
505	(Development o)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
506	(Mastoid proce)	1	1	4	6	0.250	0.400	0.100	0.750	0.500
507	(Lateral proce)	1	1	1	8	1.000	1.000	1.000	0.000	1.000
508	(Development o)	1	1	1	1	1.000	0/0	0/0	0.000	1.000
509	(Epi tympanic s)	1	1	3	4	0.333	0.333	0.111	0.667	0.600
510	(Thickness of)	1	1	4	7	0.250	0.500	0.125	0.750	0.500
511	(Development o)	1	1	4	8	0.250	0.571	0.143	0.750	0.500
512	(Accessory for)	1	1	4	6	0.250	0.400	0.100	0.750	0.500
513	(Development o)	1	1	3	7	0.333	0.667	0.222	0.667	0.600

(2 constant characters not shown)