DONNÉE ÉLÉCTRONIQUE SUPLÉMENTAIRE 1

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

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

--- 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.

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

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     /--- Tribosphenomys m
     
     /--- Cocomys ligchaen

     /--- Reithroparamys d
     
     /--- Birbalomys sonda

     /--- Tamquammys dispi

     /--- Chapattiomys wils

     /--- Ottomania proavi

     /--- Bugtimys zafarul

     /--- Hodsahibia azrae

     /--- 'Waslamys' attia

     /--- Phiomys hammudai

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Neosteiromys pat
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Steiromys detent
Hypsosteiromys a
Chaetomys subspi
Palaeosteiromys
Australoprocta f
Luantus propheti
Asteromys punctu
Dolichotis patag
Hydrochoerus hyd
Cavia aperea
Galea spixii
Perimys intermed
Neoreomys austra
Branisamys lurib
Dasyprocta
Cuniculus paca-t
Eoincamys pascua
Incamys bolivian
Microscleromys p
Scleromys quadra
Scleromys angust
Drytomomys aequa
Potamarchus muri
Dinomys branicki
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Hsearch Consensus.out

node_216 --> Tamquammys dispil

node_216 --> node_215

node_215 --> Chapattimys wils
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#### node_120 --> node_119

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**Node_119** --> Bugtimys zafar ul
- 191 (Position of) 0.286 0 ==> 1
- 192 (Position of) 0.154 0 ==> 1
- 296 (*Distance b) 0.102 0 ==> 1
- 388 (Lingual con) 0.570 0 ==> 3

**Node_119** --> Hodsahibia azrae
- 73 (*DP4 length/) 0.333 1 ==> 2
- 135 (*Protocone) 0.500 2 ==> 1
- 255 (Anterior ci) 0.667 0 ==> 1
- 325 (Protoconid) 0.400 1 ==> 0
- 359 (Posterior a) 0.500 0 ==> 1

**Node_120** --> 'Waslamys' attia
- 42 (*Development) 0.667 1 ==> 0
- 46 (*Anterior is) 0.714 1 ==> 2
- 61 (Orientation) 0.500 0 ==> 1
- 76 (*Height of t) 0.500 1 ==> 0
- 95 (*Anterior is) 1.000 1 ==> 2
- 96 (*Posterior i) 0.375 1 ==> 2
- 139 (Length of t) 0.500 1 ==> 0
- 141 (Length of t) 0.500 1 ==> 0
- 190 (Development) 0.333 1 ==> 0
- 201 (Development) 0.400 0 ==> 1
- 287 (Labial conn) 0.833 2 ==> 0
- 307 (Anterior ci) 0.500 0 ==> 1
- 308 (*Position o) 0.273 1 ==> 2
- 310 (Metalophuli) 0.600 0 ==> 1
- 311 (Lingual con) 0.333 0 ==> 1
- 312 (Labial conn) 0.500 0 ==> 1
- 323 (Lingual con) 0.800 3 ==> 0
- 329 (Neomesoloph) 0.529 1 ==> 0
- 356 (Anterocingual) 0.667 1 ==> 0
- 376 (Lingual con) 0.636 2 ==> 0
- 441 (*Development) 0.238 0 ==> 1

**Node_212** --> node_211
- 17 (*IPM arrange) 0.538 0 ==> 2
- 41 (Metaconule o) 0.500 0 ==> 1
- 55 (Lingual conn) 1.000 0 ==> 2
- 72 (Height of th) 1.000 0 ==> 1
- 78 (Anterocingual) 0.250 1 ==> 0
- 88 (Mure on DP4) 0.600 0 ==> 1
- 116 (Posterior a) 0.667 1 ==> 0
- 130 (Anterocingual) 0.700 1 ==> 0
- 143 (Thickness o) 0.643 1 ==> 0
- 150 (*Orientation) 0.727 1 ==> 2
- 154 (*Orientation) 0.700 1 ==> 2
- 161 (Metaconule) 1.000 0 ==> 1
- 215 (Lingual con) 0.870 1 ==> 2
- 217 (Lingual con) 0.696 1 ==> 0
- 265 (Mesostylid) 0.583 0 ==> 1
- 340 (*Position o) 0.412 1 ==> 2
- 354 (*Length of ) 0.360 0 ==> 1
- 358 (*Protoconid) 0.333 2 ==> 1
- 390 (Lingual con) 1.000 0 ==> 2
- 396 (Anterior ar) 0.640 1 ==> 0

Pge p
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<th>node_210 --&gt; node_209</th>
<th>node_209 --&gt; node_207</th>
<th>node_207 --&gt; Philomys hammudai</th>
<th>node_207 --&gt; node_206</th>
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Hsearch_Consensus.out
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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 1 --> 0
122 (M1 length/w) 1 0.711 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 --> 2
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 --> Eosteiroms 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 0.536 0 --> 1
52 (Mesolophule) 1 0.643 0 --> 1
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 (Trigonid wi) 1 0.125 1 --> 0
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 --> 0
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 (*Orientation) 1 0.467 0 --> 1
370 (Neocristid) 1 0.667 0 --> 1
396 (Anterior ar) 1 0.640 0 --> 1

node_123 --> Branisamyopsis 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 --> Neosteiroms pat
27 (Anterocingul) 1 0.444 0 --> 1
31 (Length of th) 1 0.333 1 --> 0
44 (*Development) 1 0.636 1 --> 0
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
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210 (Mesostyle a) 1 1.000 0 --> 1
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Hsearch_Consensus.out

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
274 (Posterior ) 1 0.375 0 ==> 1
284 (Length of t) 1 0.700 1 --> 0
289 (Mesolophid ) 1 0.333 0 --> 1
290 (Lingual con) 1 1.000 2 --> 1
298 (Posterior a) 1 0.286 0 --> 2
438 (Position of ) 1 0.286 0 --> 2
446 (*Depth of t) 1 0.667 1 --> 0
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
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 (Trigonid 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 0 --> 1
462 (*Posterior ) 1 0.154 1 --> 0

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
Hsearch_Consensus.out

node_136 --> Luantis propheti

(node_135 --> Asteromys punctu)

(node_134 --> node_133)

(node_133 --> node_131)

Pge p
node_131 --> Dolichotis patagonum

node_131 --> Hydrochoerus hydrochaeris

node_133 --> node_132

node_132 --> Cavia aperea

node_132 --> Galea spixii
Hsearch_Consensus.out

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
c227 (*Reduction) 2 0.143 0 --> 2
c229 (*Reduction) 1 0.167 0 --> 1
c231 (Reduction o) 1 0.400 0 --> 1
c268 (Neocrystid) 1 0.250 0 --> 1
369 (Metaconid c) 1 0.966 0 --> 1
372 (*Length of) 1 0.731 1 --> 0
c373 (Lingual con) 1 0.905 2 --> 4
c375 (*Length of) 1 0.353 1 --> 2
c376 (Lingual con) 1 0.636 2 --> 4
c410 (Strong redu) 1 0.125 0 --> 1
c414 (Strong redu) 1 0.333 0 --> 1
c433 (*Mandible) 1 0.667 1 --> 2
c444 (*Development) 2 0.231 3 --> 1
c450 (Length of t) 1 0.500 0 --> 1
c451 (*Posterior) 1 0.200 1 --> 0
c452 (*Dorsoventr) 2 0.222 2 --> 0
c460 (*Margins of) 1 0.250 0 --> 2
c467 (Maxillary o) 1 0.400 0 --> 1
c470 (Development) 1 1.000 0 --> 1
c482 (Association) 1 0.500 1 --> 0
c485 (*Position o) 1 0.231 2 --> 3
c490 (Development) 1 0.250 1 --> 0
509 (*Epitympanic) 1 0.333 0 --> 1

node_139 --> Cuniculus paca-t
0 (*Cement (in y) 2 0.074 0 --> 2
19 (*Lower incis) 2 0.231 0 --> 2
39 (Mure on P4) 2 0.500 1 --> 0
69 (Lingual conn) 1 0.615 3 --> 2
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 (*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
Hsearch_Consensus.out
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  0 --> 1
328 (*Orientation)      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 (*Orientation)      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
55 (*Orientation)      1  0.556  1 --> 0
57 (Lingual conn)      1  0.692  1 --> 0
65 (*Orientation)      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 (Reduction o)      1  0.400  0 --> 1
256 (*Development)      1  0.308  1 --> 2
272 (Neomesoloph)      1  0.632  0 ==> 1
284 (*Posterior i)      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  1 --> 2
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 o)      1  0.231  2 --> 1
498 (Contact bet)      1  0.167  1 --> 0

node_161 --> node_160
122 (M1 length/w)      1  0.071  1 --> 2
123 (M2 length/w)      1  0.071  0 --> 1
147 (Lingual pro)      1  0.643  0 --> 1
178 (Mesolophule)      1  0.583  1 --> 0
183 (Lingual con)      1  0.810  1 --> 0
185 (Lingual con)      1  0.688  1 --> 0
215 (Lingual con)      1  0.870  0 --> 3
230 (Posteroflex)      1  0.500  0 --> 1
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_159 --> node_158
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  0.647  0 --> 1
211 (Metaloph on)      1  0.615  0 --> 1
314 (Anterior is)      1  0.500  0 --> 1
323 (Lingual con)      1  0.800  0 --> 1
328 (*Orientation)      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_158 --> node_157
31 (Length of th)      1  0.333  0 --> 1
63 (Tendency to )      1  0.286  0 --> 1
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<td>1</td>
<td>==&gt; 0</td>
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Hsearch_Consensus.out

node_145 --> node_144

node_144 --> Drytomomys aequa

node_144 --> Potamarchus muri

node_145 --> Dinomys branicki

node_147 --> Neoepiblema ambra
Hsearch_Consensus.out

499 (Development)  1 0.111 1 --> 0
502 (Orientation)  1 0.250 1 ==> 0
503 (Paroccipita)  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 of)  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
443 (Notch for t)  1 0.360 4 ==> 1
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 of)  1 0.200 0 ==> 1
262 (Labial conn)  1 0.588 1 ==> 0
354 (*Length of)  1 0.360 2 --> 1
384 (Length of t)  1 0.700 0 --> 1
412 (Strong redu)  1 0.250 0 --> 1
418 (Formation of)  1 0.400 0 ==> 1

node_152 --> Garridomys 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 of)  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 of)  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 --> Chambiramys ship 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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node_194 --> node_193 168 (*Position o) 1 0.375 1 ==> 2
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573 (Width of p4) 1 0.250 0 ==> 1
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315 (Anterior co) 1 0.833 0 ==> 1
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<td>234 (*Transversa)</td>
<td>1.000</td>
<td>0.286</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>308 (*Position o)</td>
<td>1.000</td>
<td>0.273</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>313 (Mesostyloid)</td>
<td>1.000</td>
<td>0.571</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>483 (Position of)</td>
<td>1.000</td>
<td>0.600</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 (Upper tooth)</td>
<td>1.000</td>
<td>0.125</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 (*Lower incis)</td>
<td>1.000</td>
<td>0.231</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>109 (Pronounced)</td>
<td>1.000</td>
<td>0.333</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>226 (Paraflexus)</td>
<td>1.000</td>
<td>0.143</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>303 (Trigonid wi)</td>
<td>1.000</td>
<td>0.125</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>311 (Lingual con)</td>
<td>1.000</td>
<td>0.333</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>323 (Lingual con)</td>
<td>1.000</td>
<td>0.800</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>371 (Posterior a)</td>
<td>1.000</td>
<td>0.706</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>374 (Posterior a)</td>
<td>1.000</td>
<td>0.375</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>454 (Anterior pr)</td>
<td>1.000</td>
<td>0.111</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>462 (*Posterior)</td>
<td>1.000</td>
<td>0.154</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>471 (Postorbital)</td>
<td>1.000</td>
<td>0.077</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>476 (Inferior ju)</td>
<td>1.000</td>
<td>0.333</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>485 (*Position o)</td>
<td>1.000</td>
<td>0.231</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>486 (*Development)</td>
<td>1.000</td>
<td>0.222</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>491 (*Apex of th)</td>
<td>1.000</td>
<td>0.500</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>86 (Height of th)</td>
<td>1.000</td>
<td>1.000</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hsearch_Consensus.out

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 ==> 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 0.286 1 ==> 2
486 (*Developmen) 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 (*Developmen) 1 0.333 1 ==> 0

node_171 --> Thrichomys apere

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
441 (*Developmen) 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 (*Developmen) 1 0.222 1 ==> 0
489 (Sphenopalat) 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 (Lamines on) 1 0.250 0 --> 1
245 (Lamines on) 1 0.200 0 --> 1
337 (Distal ecto) 1 1.000 1 --> 0
404 (*Height of) 2 0.308 0 --> 2
443 (*Developmen) 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 (*Developmen) 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 (*Developmen) 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 (Paroccipita) 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

Pge p
Hsearch_Consensus.out

node_182 --> node_181
5 (*Orientation)  5 0.571 2 --> 0
20 (*Incisors pr)  1 0.125 0 --> 0
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 0.500 0 --> 1
493 (Lateral dev)  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 l)  1 1.000 1 --> 0
237 (*Number of)  1 1.000 1 --> 0
238 (Complete fu)  1 0.000 0 --> 1
350 ((Distal) me)  1 1.000 0 --> 1
413 (Metaflexid)  1 0.500 0 --> 1
419 (Number of l)  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 0.777 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
545 (*Degree of hy)  1 1.000 0 --> 1
546 (*Size of M3)  1 0.130 1 --> 0
535 (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_177 --> Xenodontomys sim
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_177 --> Ctenomys bolivie
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 1 --> 0
425 (Fusion of t)  1 0.500 1 --> 0
485 (*Position o)  1 0.231 1 --> 0
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 1 --> 0
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

Pge p
Hsearch_Consensus.out

511 (Development) 1 0.250 0 =>> 1
node_179 --> Pithanomys 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
402 (Anterior ma) 1 0.400 0 =>> 1
node_179 --> Octodon degus 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 (L / Shape of th) 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 1 =>> 2
112 (Accessory f) 1 0.250 0 =>> 1
node_186 --> node_185 4 (*Orientation) 2 0.500 0 =>> 2
67 (*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
394 (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
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 (Trigonid wi) 1 0.125 0 =>> 1
359 (Posterior a) 1 0.500 1 =>> 0
366 (Mesostylid) 1 0.750 0 =>> 0
node_184 --> Prostichomys bow 3 (*Loph(-id)s) 1 0.273 2 =>> 1
9 (*Degree of hy) 1 0.111 1 =>> 0
327 (Third cris) 1 0.250 1 =>> 0
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 fort) 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 ruigomez 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 emmonsia 173 (*DP4 length) 1 0.333 1 =>> 2
96 (*Posterior i) 2 0.375 2 =>> 0
168 (*Position o) 1 0.375 2 =>> 1
349 (Anteroflex) 1 0.506 0 =>> 1
372 (*Length of ) 1 0.632 1 =>> 2
393 (Alignment o) 1 0.875 0 =>> 1

Pge p
node_208 --> Thryonomys swind
93 (*DP4 length/)
99 (Third crest)
103 (Mesolophule)
120 (*Size of M1)
175 (Third crest)
176 (Third crest)
177 (Mesolophule)
178 (Mesolophule)
196 (Pronounced)
202 (Development)
207 (Posterocone)
209 (Posterocone)
434 (*Length of)
440 (*Location of)
441 (*Development)
442 (*Anterior o)
490 (Development)
491 (*Apex of th)
492 (Anterior ma)
499 (Development)
500 (Development)
node_208 --> Paraphiomyx pigo
20 (*Incisors pr)
114 (*Metacon pr)
218 (Double ling)
302 (Proportions)
313 (Mesostylid)
443 (*Development)
464 (Interorbital)
465 (Posterior s)
471 (Postorbital)
node_210 --> Metaphiomyx scha
185 (Lingual con)
205 (Thickness o)
208 (Posterior i)
372 (*Length of th)
node_211 --> Acritophiomyx bo
63 (Length of th)
61 (Orientation)
168 (*Position o)
284 (*Posterior)
330 (Length of t)
467 (Maxillary o)
472 (Development)
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

--- Archetypomys erl
|-- Tribosphenomys m
|   |-- Cocomys ligchaen
|   |   |   |-- Reithroparamys d
|   |   |   |   |-- Birbalomys sonda
|   |   |   |   |   |-- Tamquammys dispi
|   |   |   |   |   |   |-- Chapattimys wils
|   |   |   |   |   |   |   |-- Ottomania proavi
|   |   |   |   |   |   |   |   |-- Bugtimys zafarul
|   |   |   |   |   |   |   |   |   |-- Hodsahibia azrae
|   |   |   |   |   |   |   |   |   |   |-- 'Waslamys' attia
|   |   |   |   |   |   |   |   |   |   |   |-- Phiomys hammudai
|   |   |   |   |   |   |   |   |   |   |   |   |-- Cachiyacuy conta
Character change lists:

<table>
<thead>
<tr>
<th>Character</th>
<th>CI</th>
<th>Steps</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (*Cusp(-id)s and)</td>
<td>0.667</td>
<td>1</td>
<td>node_218 0 --&gt; 1 node_217</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>node_118 1 --&gt; 0 Birbalomys sonda</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>node_215 1 --&gt; 2 node_214</td>
</tr>
<tr>
<td>2 Palaeosteirömys</td>
<td></td>
<td>2</td>
<td>Palaeosteirömys 2 --&gt; (012) (within terminal)</td>
</tr>
<tr>
<td>2 Dolichotis patag</td>
<td></td>
<td>2</td>
<td>Dolichotis patag 2 --&gt; (012) (within terminal)</td>
</tr>
<tr>
<td>2 Galea spixii</td>
<td></td>
<td>2</td>
<td>Galea spixii 2 --&gt; (012) (within terminal)</td>
</tr>
<tr>
<td>2 Lagostomus maxim</td>
<td></td>
<td>2</td>
<td>Lagostomus maxim 2 --&gt; (012) (within terminal)</td>
</tr>
<tr>
<td>2 Eoviscaccia fras</td>
<td></td>
<td>2</td>
<td>Eoviscaccia fras 2 --&gt; (012) (within terminal)</td>
</tr>
</tbody>
</table>
Hsearch_Consensus.out

1  Eoincamys ameghii 1 --> (01) (within terminal)
2  node_187 0 --> 2 node_186
1  Myocastor coypus 2 --> (12) (within terminal)
2  Proechimys cuvier 2 --> (012) (within terminal)
1  Maruchito trilof 2 --> (12) (within terminal)
2  node_171 2 --> 0 Thrichomys aper
1  node_175 2 --> 1 node_174
1  Protadelphomys l 1 --> (01) (within terminal)
1  Euryzygomaticys 1 --> (01) (within terminal)
2  node_182 2 --> 0 node_181
2  Xenodontomys sim 2 --> (012) (within terminal)
2  Ctenomys bolivian 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)
1  Prostichomys bow 2 --> (12) (within terminal)
1  node_203 0 --> 1 node_202
1  Tarapotomys mayo 1 --> (12) (within terminal)
2  Tarapotomys suba 1 --> (012) (within terminal)
6 (Furrow opposite) 0.500
1  node_136 0 --> 1 Luantus propheti
1  node_134 0 --> 1 node_135
1  Hydrochoerus hyd 1 --> (01) (within terminal)
1  Cavia aperea 1 --> (01) (within terminal)
7 (Transverse dent) 0.500
1  node_131 0 --> 1 Dolichotis patag
1  node_132 0 --> 1 Cavia aperea
1  Hydrochoerus hyd 1 --> (01) (within terminal)
2  Chaetomys subsp
1  node_139 0 --> 2 Galea spixi
2  node_142 0 --> 2 Litsionomys bolivian
2  node_145 0 --> 2 node_144
2  node_147 0 --> 2 Neoplectana ambr
2  node_152 0 --> 2 node_151
2  node_168 0 --> 2 Myocastor coypus
2  node_172 0 --> 2 Echimys chrysorur
2  node_175 0 --> 2 Mesocapromys mys
2  node_179 0 --> 2 Pithanotomys col
2  node_183 0 --> 2 Abrocoma bennett
2  node_129 0 --> 2 Chaetomys subsp
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
9 (*Degree of hyps) 0.111
3  Microscleromys p 2 --> (0123) (within terminal)
1  node_149 2 --> 3 node_148
1  node_145 3 --> 2 node_144
3  Eoviscaccia fras 2 --> (0123) (within terminal)
1  node_166 0 --> 1 node_165
1  node_164 1 --> 0 Acaromys murinus
1  node_187 0 --> 1 node_186
1  node_186 1 --> 2 node_183
1  node_168 2 --> 1 Pithanotomys ripari
1  node_172 2 --> 1 Echimys chrysorur
1  node_174 2 --> 1 Protadelphomys l

Pge p
Hsearch_Consensus.out

1 node_175 2 ==> 3 Mesocapromys/Mys
1 node_177 2 ==> 3 Ctenomyss boliviensis
1 node_181 2 ==> 3 node_180
1 node_183 2 ==> 3 Abrocoma bennettii
1 node_184 1 ==> 0 Prostichomys bowmani
3 Pampamys emmonsii 0 --> (0123) (within terminal)
2 node_193 0 ==> 2 Sallamys pascualii
1 node_203 0 ==> 1 node_202
1 node_211 0 ==> 1 node_210
1 node_209 1 ==> 0 node_207
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiriomyss mictens 0 --> (01) (within terminal)
1 Scleromys praeclus 0 --> (01) (within terminal)
1 Chambiramys shippi 0 --> (01) (within terminal)
1 node_192 0 ==> 1 node_191
1 Maruchito trilophus 1 --> (01) (within terminal)
1 node_174 1 ==> 0 Protadelphomyss lathami
1 Mesocapromys/Mys 1 ==> (01) (within terminal)
1 Abrocoma bennettii 1 ==> (01) (within terminal)
1 Eobranisamyopsis australis 0 --> (01) (within terminal)
1 Baluchimys barryi 0 --> (01) (within terminal)
1 Archetypomyss erifossi 0 --> (01) (within terminal)
1 Tribosphenomyss milleri 0 --> (01) (within terminal)
1 Cocomys ligchaeni 0 --> (01) (within terminal)
1 Birbalomyss sonda 0 --> (01) (within terminal)
1 Tamquaemyss dispispina 0 --> (01) (within terminal)
1 Chappetia myss wilsoni 0 --> (01) (within terminal)
1 Ottomania proavii 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodshahibia azraei 0 --> (01) (within terminal)
1 'Waslomyss' attia 0 --> (01) (within terminal)
1 Phiomys hammudaii 0 --> (01) (within terminal)
1 Cachiycayconta 0 --> (01) (within terminal)
1 Eoespina woodii 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiriomyss mictens 0 --> (01) (within terminal)
1 Branisamyopsis australis 0 --> (01) (within terminal)
1 node_125 0 ==> 1 Erehthizon dosspina
1 node_129 0 ==> 1 Hyposteiriomyss australis
1 Palaeosteiriomyss 0 --> (01) (within terminal)
1 node_138 0 ==> 1 node_137
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1  Canaani mys maqui 1 --> (01) (within terminal)
1  Protosteiromy m 1 --> (01) (within terminal)
1  Eosteiromy s homo 1 --> (01) (within terminal)
1  Brani samopysis a 1 --> (01) (within terminal)
1  Neosteiromy s pat 1 --> (01) (within terminal)
1  Coendou prehensi 1 --> (01) (within terminal)
1  Hypsofteiromy s a 1 --> (01) (within terminal)
1  Paleosteiromy s 1 --> (01) (within terminal)
1  Australoproct a f 1 --> (01) (within terminal)
1  Luants_propheti 1 --> (01) (within terminal)
1  Asteromy s punct u 1 --> (01) (within terminal)
1  Cuniculus paca-t 1 --> (01) (within terminal)
1  Eoincamys pascua 1 --> (01) (within terminal)
1  Microscleromy s p 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Neoeuphyloma ambr 1 --> (01) (within terminal)
1  Lagidium viscaci 1 --> (01) (within terminal)
1  Lagostomus maxim 1 --> (01) (within terminal)
1  Garridomys currnu 1 --> (01) (within terminal)
1  Eoviscaccia fras 1 --> (01) (within terminal)
1  Eoviscaccia aust 1 --> (01) (within terminal)
1  Eoincamys ship 1 --> (01) (within terminal)
1  Eoincamys parvus 1 --> (01) (within terminal)
1  Chambiramys sylv 1 --> (01) (within terminal)
1  Eoincamys Valever 1 --> (01) (within terminal)
1  Eoincamys ameghi 1 --> (01) (within terminal)
1  Draconymys verai 1 --> (01) (within terminal)
1  Leucokcephalos ze 1 --> (01) (within terminal)
1  Deseadomy s aramb 1 --> (01) (within terminal)
1  Acaremys murinus 1 --> (01) (within terminal)
1  Galileomys euryg 1 --> (01) (within terminal)
1  Willi d e w estepa 1 --> (01) (within terminal)
1  Protaniomys pri 1 --> (01) (within terminal)
1  Maruchi to tri of 1 --> (01) (within terminal)
1  Protadelphomy s I 1 --> (01) (within terminal)
1  Eurzygmatomys 1 --> (01) (within terminal)
1  Xenodontomys sim 1 --> (01) (within terminal)
1  Neophanomys bipl 1 --> (01) (within terminal)
1  Pithanotomys col 1 --> (01) (within terminal)
1  Prostichomy s bow 1 --> (01) (within terminal)
1  Pampamy s emmomsa 1 --> (01) (within terminal)
1  Caviocricketus lu 1 --> (01) (within terminal)
1  Mayomy s confluen 1 --> (01) (within terminal)
1  Eosal amys paula 1 --> (01) (within terminal)
1  Shapaj my s laboc 1 --> (01) (within terminal)
1  Eobranisamy s rom 1 --> (01) (within terminal)
1  Eobranisamy s jav 1 --> (01) (within terminal)
1  Pozomy s ucalalie 1 --> (01) (within terminal)
1  Tarapatomys mayo 1 --> (01) (within terminal)
1  Tarapatomys suba 1 --> (01) (within terminal)
1  Cachiyacuy kumme 1 --> (01) (within terminal)
1  Thryonomys wind 1 --> (01) (within terminal)
1  Acritophiomys bo 1 --> (01) (within terminal)
1  Archetypomys erl 0 --> (012) (within terminal)
```

17 (**IPM arrange me**) 0.538
Hsearch_Consensus.out

2 Tribosphenomys 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)
1 node_216 0 --> 1 Tamquammys disp
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 node_212 0 --> 2 node_211
1 node_209 2 --> 1 node_207
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteirmys m 1 --> (012) (within terminal)
2 Eosteirmys homo 1 --> (012) (within terminal)
2 Branisamyopsis a 1 --> (012) (within terminal)
2 Neosteirmys pat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
1 Steirmys detent 1 --> (012) (within terminal)
2 Hypsosteirmys a 1 --> (012) (within terminal)
1 Chaetomys subsp 1 --> (012) (within terminal)
2 Palaeosteirmys 1 --> (012) (within terminal)
1 node_138 1 ==> 0 node_137
2 Australoprocta f 0 --> (012) (within terminal)
2 Luantus propheti 0 --> (012) (within terminal)
2 Asteromys punctu 0 --> (012) (within terminal)
1 node_131 0 ==> 1 Dolichotis patag
2 Cuniculus paca-t 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
1 node_148 1 --> 0 node_147
2 Neoepiblema amber 0 --> (012) (within terminal)
2 Lagidium viscaci 0 --> (012) (within terminal)
2 Lagostomus max 0 --> (012) (within terminal)
2 Garridomys curnu 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

1  node_183 1 ==> 0  Abrocoma bennett
1  Adelphomyos candi 1 --> (01) (within terminal)
1  Prostichomyos bow 1 --> (01) (within terminal)
1  Stichomyos regula 1 --> (01) (within terminal)
1  Dudumus ruigomez 1 --> (01) (within terminal)
1  Pampamyss emmunsia 1 --> (01) (within terminal)
1  Cavicolricetus lu 1 --> (01) (within terminal)
1  Plesiacarechimys 1 --> (01) (within terminal)
1  Sallamys paucual 1 --> (01) (within terminal)
1  Mayomyss confluen 1 --> (01) (within terminal)
1  Eosallamys paula 1 --> (01) (within terminal)
1  Shapajamyss 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  Paraphiomys pigo 1 --> (01) (within terminal)
1  Metaphiomys scha 1 --> (01) (within terminal)
1  Acritophiomys bo 1 --> (01) (within terminal)
1  Baluchimys barry 1 --> (01) (within terminal)
19 (*Lower incisor) 0.231
2  Tribosphenomys m 0 --> (012) (within terminal)
2  Cocomys ligmaen 0 --> (012) (within terminal)
2  Reithroparamys d 0 --> (012) (within terminal)
2  Birbalomys sonda 0 --> (012) (within terminal)
2  Tamquammys sonda 0 --> (012) (within terminal)
2  Chapattimys wilso 0 --> (012) (within terminal)
2  Ottomania proavi 0 --> (012) (within terminal)
2  Hodshahibia azrae 0 --> (012) (within terminal)
2  Phiomys hammudai 0 --> (012) (within terminal)
2  Cachiyacuy conta 0 --> (012) (within terminal)
2  Canaanimys maqui 0 --> (012) (within terminal)
2  Protosteiromys m 0 --> (012) (within terminal)
2  Erethizon dorsat 0 --> (012) (within terminal)
2  Coendou prehensi 0 --> (012) (within terminal)
2  Hypsosteiromys a 0 --> (012) (within terminal)
2  Chaetomyss subspi 0 --> (012) (within terminal)
2  Palaeosteiromys 0 --> (012) (within terminal)
2  Australoprocta f 0 --> (012) (within terminal)
1  node_137 0 --> 1 node_136
1  Luantus propheti 1 --> (012) (within terminal)
2  Asteromys punctu 1 --> (012) (within terminal)
1  node_131 1 ==> 2 Hydrochoerus hyd
1  node_132 1 ==> 0 Galea spixii
1  Perimys intermed 1 --> (12) (within terminal)
Hsearch_Consensus.out

2 node_139 0 ==> 2 Cuniculus paca-t
2 Eoincamys paścua 0 --> (012) (within terminal)
2 Microscleromys p 0 --> (012) (within terminal)
2 Scleromys quadra 0 --> (012) (within terminal)
1 node_149 0 --> 1 node_148
2 Drytomomys aëqua 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
1 node_147 1 --> 0 Neoepiblema amb
2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within 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) (within terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
2 Pithanotomys col 0 --> (012) (within terminal)
2 Abrocoma bennett 0 --> (012) (within terminal)
1 node_185 0 ==> 1 node_184
2 Plesiaca rheishi 0 --> (012) (within terminal)
2 Mayomys confluen 0 --> (012) (within terminal)
2 Eosallamys paula 0 --> (012) (within terminal)
2 Shapajamyms laboc 0 --> (012) (within terminal)
2 Eobranisamys jav 0 --> (012) (within terminal)
2 Pozomys ucayali 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
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<tr>
<th>Taxon</th>
<th><strong>Incisors proc</strong></th>
<th><strong>Node</strong></th>
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<tr>
<td>Cachiyacuy kumme</td>
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<td>Metaphiomys scha</td>
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<td>Acritophiomys bo</td>
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<tr>
<td>Baluchimys barry</td>
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<td>Archetypomys erl</td>
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<td>2</td>
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<tr>
<td>Tribosphenomys m</td>
<td>1 -- (012)</td>
<td>2</td>
</tr>
<tr>
<td>Cocomys ligchaen</td>
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</tr>
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</tr>
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<td>Birbalomys sonda</td>
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<tr>
<td>Ottomania proavi</td>
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<td>2</td>
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</tr>
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<tr>
<td>'Waslamys' attia</td>
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<tr>
<td>Phiomys hammudai</td>
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<td>Cachiyacuy conta</td>
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<td>Branisamypsis'a</td>
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</tr>
<tr>
<td>Australoprocta f</td>
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<td>2</td>
</tr>
<tr>
<td>Luantus propheti</td>
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<td>2</td>
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<tr>
<td>Asteromys punctu</td>
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<td>2</td>
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<tr>
<td>Galea spixii</td>
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<td>2</td>
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<tr>
<td>Perimys intermed</td>
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<td>2</td>
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<tr>
<td>Neoreomys austra</td>
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<tr>
<td>Branisamys lurib</td>
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</tr>
<tr>
<td>Eoincamys pašcua</td>
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<td>2</td>
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</tbody>
</table>

Pge p
Hsearch_Consensus.out
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus rui gomez 0 --> (012) (within terminal)
2 Pampamys emmons a 0 --> (012) (within terminal)
2 Caviocrictetus lu 0 --> (012) (within terminal)
2 Plesiaca rechimys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (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 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 Cachiyacuy kumme 1 --> (012) (within terminal)
1 node_208 1 ==> 0 Paraphiomys pigo
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchiomiys b arr y 1 --> (012) (within terminal)
21 (Third upper de) 0.333
1 Archetypomys erl 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Hodsamhiba azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaani mys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 node_127 0 --> 1 node_126
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Brani samypsisis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erehizon dorsat 1 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteiromys 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 aust 0 --> (01) (within terminal)
1 node_140 0 --> 1 node_139
1 Cuniculus pa ca-t 1 --> (01) (within terminal)
1 Edinca myspascua 0 --> (01) (within terminal)
1 Microscleromy s 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 Neoegi_blem a ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium visacc 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garrido mys curtus 0 --> (01) (within terminal)
1 Eoviscagina fras 0 --> (01) (within terminal)
1 Eoviscagina aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys sh i p 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokephalo ze 0 --> (01) (within terminal)
1 node_193 0 --> 1 node_192
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 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 trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrys su 1 --> (01) (within terminal)
1 Malalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 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 can 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Sticho mys regula 1 --> (01) (within terminal)
1 Dudunus ruit gomez 1 --> (01) (within terminal)
1 Pampamos emmons 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesi acarech 1 --> (01) (within terminal)
1 Mayomys conflu en 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamy s laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys may 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachi yacu ku mme 0 --> (01) (within terminal)
1 Thryonomys wind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
1 node_219 1 --> 2 Tribosphenomys m
2 Cocomys ligchae 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
22 (*Size of P4 (a) 0.154
Hsearch_Consensus.out

1  node_212 1 --> 2  node_120
2  Bugtimys zafarul 2 --> (012) (within terminal)
2  Hodshahiba azrae 2 --> (012) (within terminal)
2  Phiomys hammudai 1 --> (012) (within terminal)
2  Cachiyacuy conta 1 --> (012) (within terminal)
2  Eoespina woodi-E 1 --> (012) (within terminal)
2  Canaanmys maqui 1 --> (012) (within terminal)
2  Protosteiromys m 1 --> (012) (within terminal)
1  node_127 1 --> 0  node_126
1  node_124 0 --> 1  node_123
2  Branisamyopsis a 1 --> (012) (within terminal)
1  node_129 1 --> 0  Hypsosteiromys a
1  node_129 1 --> 2  Chaetomys subspsi
2  Palaeosteioromys 1 --> (012) (within terminal)
2  Australoprocta f 1 --> (012) (within terminal)
2  Asteromys punctu 1 --> (012) (within terminal)
1  node_134 1 --> 0  Perimys intermed
1  node_138 1 --> 2  Branisamyopsis lurib
1  node_139 1 --> 0  Dasyprocta
2  Eoincamys pascua 1 --> (012) (within terminal)
2  Microscleromys p 1 --> (012) (within terminal)
2  Scleromys quadra 1 --> (012) (within terminal)
1  node_144 1 --> 0  Potamarchus muri
1  node_147 1 --> 0  node_146
2  Eoviscaccia fras 1 --> (012) (within terminal)
2  Scleromys praece 1 --> (012) (within terminal)
2  Chambiramys ship 1 --> (012) (within terminal)
2  Eoincamys parvus 1 --> (012) (within terminal)
2  Chambiramys 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  Leucokhepalos ze 2 --> (012) (within terminal)
1  node_166 2 --> 1  node_163
2  Prospaniomy 2 --> (012) (within terminal)
2  Spaniomy ripari 2 --> (012) (within terminal)
2  Myocastor coypus 2 --> (012) (within terminal)
2  Proechimys cuvie 2 --> (012) (within terminal)
2  Maruchito trilof 2 --> (012) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aperes 0 --> (01) (within terminal)
1 Echimys chrysurus 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 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanus 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 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Mayomys confluens 0 --> (01) (within terminal)
1 Eobraniomys Terminals 0 --> (01) (within terminal)
1 Pozomys ucaialie 0 --> (01) (within terminal)
1 Thryonomys wind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Hodshibia azrae 0 --> (01) (within terminal)
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1 Palaeosteiromys 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 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucoketalos ze 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 aperes 1 --> (01) (within terminal)
1 Echimys chrysurus 1 --> (01) (within terminal)
1 Makalata didelph 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 Pithanomys col 1 --> (01) (within terminal)
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1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)

25 (Height of the ) 1.000

node 207 ==> node 206

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Palaesteiromys 1 --> (01) (within terminal)
Asteromys punctu 1 --> (01) (within terminal)
Dolichotis patag 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia aperea 1 --> (01) (within terminal)
Galea spixii 1 --> (01) (within terminal)
Lagostomus maxim 1 --> (01) (within terminal)
Eoviscaccia fras 1 --> (01) (within terminal)
Scleromys praecu 1 --> (01) (within terminal)
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Chambiramys sylv 1 --> (01) (within terminal)
Draconomys verai 1 --> (01) (within terminal)
Leucoketalos ze 1 --> (01) (within terminal)
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Spaniomys ripari 1 --> (01) (within terminal)
Myocastor coypus 1 --> (01) (within terminal)
Proechimys cuvie 1 --> (01) (within terminal)
Maruchito trilof 1 --> (01) (within terminal)
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Echimys chrysurus 1 --> (01) (within terminal)
Makalata didelph 1 --> (01) (within terminal)
Euryzygomatomys 1 --> (01) (within terminal)
Mesocapromys/Mys 1 --> (01) (within terminal)
Xenodontomys sim 1 --> (01) (within terminal)
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Abrocoma bennett 1 --> (01) (within terminal)
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Stichomys regula 1 --> (01) (within terminal)
Dudumus ruigomez 1 --> (01) (within terminal)
Pampamys emmonsa 1 --> (01) (within terminal)
Caviocrictetus lu 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Plesiacarechmys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys uca yal i e 1 --> (01) (within terminal)
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1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
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1 node_216 0 --> 1 node_215
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1 Hod sah i bia azrae 1 --> (01) (within terminal)
1 Canaani mys maqui 1 --> (01) (within terminal)
1 Protoste iromys m 1 --> (01) (within terminal)
1 Palaeoste iromys 1 --> (01) (within terminal)
1 Aster omys punctu 1 --> (01) (within terminal)
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1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper ea 1 --> (01) (within terminal)
1 Galea spixi i 1 --> (01) (within terminal)
1 Lagostomum maxim 1 --> (01) (within terminal)
1 Eoviscacca fras 1 --> (01) (within terminal)
1 Sclero mys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Draconomy s verai 1 --> (01) (within terminal)
1 Leucok ephas os ze 1 --> (01) (within terminal)
1 Prospan iomys pri 1 --> (01) (within terminal)
1 Span iomys riperi 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuv i e 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
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1 Makalata didelph 1 --> (01) (within terminal)
1 Euryzygomatomys 1 --> (01) (within terminal)
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1 Pozomys uca yal i e 1 --> (01) (within terminal)
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1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
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1 node_219 1 --> 0 Archetypomys eri
1 node_218 0 --> 1 Cocomys ligchaen
1 Ottomania proavi 0 --> (01) (within terminal)
1 node_120 0 --> 1 node_119
1 Hod sah i bia azrae 1 --> (01) (within terminal)
1 Canaani mys maqui 0 --> (01) (within terminal)
1 Protoste iromys m 0 --> (01) (within terminal)
1 Eos teiromys homo 0 --> (01) (within terminal)

26 Anterocingulum 0.667

27 Anterocingulum 0.444
Hsearch_Consensus.out

1 Scleromys praeucci 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Draconomy s verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 node_166 0 --> node_166
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spanionmys ripari 0 --> (01) (within terminal)
1 Myocastor cuypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aperie 0 --> (01) (within terminal)
1 Echimys chrysuri 0 --> (01) (within terminal)
1 Makalata didelphe 0 --> (01) (within terminal)
1 Euryzygomatomyms 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomyms sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophonamyms bipl 0 --> (01) (within terminal)
1 Pitanatomyms col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cynu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphonymys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dedumus rui gomez 0 --> (01) (within terminal)
1 Pammmys emmonsda 0 --> (01) (within terminal)
1 Cavicoctetus lu 0 --> (01) (within terminal)
1 Phesi acarechi terminal 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 node_200 0 --> 1 Shapajamyms laboc
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Pozonymys cuayalieu 0 --> (01) (within terminal)
1 Thryonomyms wind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchi my barry 0 --> (01) (within terminal)
1 Archetonymys eeri 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyms ligchaen 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Taquamyms di spi 1 --> (01) (within terminal)
1 Ottomaniaproavi 1 --> (01) (within terminal)
1 Bugtymys zafarul 1 --> (01) (within terminal)
1 Hodshibia azae 1 --> (01) (within terminal)
1 Canaanymi maqui 1 --> (01) (within terminal)
1 Prototheiromyms m 1 --> (01) (within terminal)
1 Eosteiromyms homo 1 --> (01) (within terminal)
1 Branisamypo sis a 1 --> (01) (within terminal)
1 Neosteiromyms pat 1 --> (01) (within terminal)
1 Erethizon dordsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiromyds detent 1 --> (01) (within terminal)
1 Hypsosteirma vs a 1 --> (01) (within terminal)
1 Chaetomyms subspii 1 --> (01) (within terminal)
1 Paleosteiromyms 1 --> (01) (within terminal)
1 Asteromyms punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apurea 1 --> (01) (within terminal)
1 Galeasp t 1 --> (01) (within terminal)
1 Neoreomyms austrea 1 --> (01) (within terminal)
1 Branisamymus lurb 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus pacata 1 --> (01) (within terminal)
1 Incamys bolivi 1 --> (01) (within terminal)
1 Microscleromyms p 1 --> (01) (within terminal)

32 (Height of the) 1.000
Hsearch Consensus. out
1 Scleromys quadra 1 --> (01) (within terminal)
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1 Drytomyomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoprobela 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garrido mymys 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 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Acaremys mirinus 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Prospaniomyms pr 1 --> (01) (within terminal)
1 Spaniomyms ripari 1 --> (01) (within terminal)
1 Myocastor cyopus 1 --> (01) (within terminal)
1 Proechni mymys cuvi e 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
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1 Makalata didelph 1 --> (01) (within terminal)
1 Euryzygomatomyms 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
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1 Plesi acarechi my 1 --> (01) (within terminal)
1 Mayomys conflu 1 --> (01) (within terminal)
1 Shapajamyms laboc 1 --> (01) (within terminal)
1 Eobrani samys rom 1 --> (01) (within terminal)
1 Pozomys ucayinga 1 --> (01) (within terminal)
1 Thryonomys swind 1 --> (01) (within terminal)
1 Paraphiomyms pigo 1 --> (01) (within terminal)
1 Metaphiomyms scha 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
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   node_219 1 --> 0 Tribosphenomys m
   node_213 1 ==> 0 Ottomania proavi
1 Hodsa hibia aazar e 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Palaeosteiromys m 1 --> (01) (within terminal)
1 node_136 1 --> 0 node_135
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 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)

33 (Labial proto) 0.333
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<td>1 Neophanomys bipl</td>
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34 (Length of the) 1.000
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<tr>
<td>Ctenomys bolivie</td>
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<td>Spalacopus cyanu</td>
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<td>Adelphomy my candi</td>
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<td>Stichomys regula</td>
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<td>Dumurum ruigomez</td>
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<td>Thryomys swind</td>
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<td>(01) within terminal</td>
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<td>Luantus propheti</td>
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<td>(01) within terminal</td>
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<tr>
<td>Asteromy s punctu</td>
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<td>(01) within terminal</td>
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<td>Dolichotis patag</td>
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<td>Hydrochoerus hyd</td>
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<td>Cavia aperea</td>
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<td>Galea spixii</td>
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<td>Perimys intermed</td>
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<td>Neoreomy s austra</td>
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<td>Incamys bolivian</td>
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<td>Micro scleromys p</td>
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<tr>
<td>Scleromy s quadra</td>
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<td>Drytomomy s aequa</td>
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<td>Potamarchus muri</td>
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<td>Dinomys branicki</td>
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<td>Chinchilla lani g</td>
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<td>Lagidium viscaci</td>
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<td>Lagostomus max im</td>
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<tr>
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Hsearch_Consensus.out
	node_166 2 ==> 1 node_163

Pge p
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apera 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelp 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Euryzygomatymys 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanatomys 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 ruigomez 2 --> (012) (within terminal)
2 Pampamys emmons 2 --> (012) (within terminal)
2 Caviocrictus lu 2 --> (012) (within terminal)
2 Plesi a carechimys 2 --> (012) (within terminal)
2 Mayomys confluen 2 --> (012) (within terminal)
1 Eosallamys paula 2 --> (12) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucayalie 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
Hsearch_Consensus.out

1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromyos m 1 --> (01) (within terminal)
1 Palaeosteiromyos 1 --> (01) (within terminal)
1 Asteromyos punctu 1 --> (01) (within terminal)
1 Dolichotis patagonica 1 --> (01) (within terminal)
1 Hydrochoerus yhotus 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Eoviscaccia frascati 1 --> (01) (within terminal)
1 Scleromys praeceps 1 --> (01) (within terminal)
1 Chambiramys shippi 1 --> (01) (within terminal)
1 Chambiramys sylvaticus 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokcephalos zebrinus 1 --> (01) (within terminal)
1 Prospaniomys priorei 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvieri 1 --> (01) (within terminal)
1 Maruchito trilobi 1 --> (01) (within terminal)
1 Thrichomys apereci 1 --> (01) (within terminal)
1 Echimys chrysura 1 --> (01) (within terminal)
1 Makalata didelphoides 1 --> (01) (within terminal)
1 Euryzygomaticus symmetrodon 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys simus 1 --> (01) (within terminal)
1 Ctenomys boliviensis 1 --> (01) (within terminal)
1 Neophanomys biplagiatus 1 --> (01) (within terminal)
1 Pithanomys collasi 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Afrocomidae 1 --> (01) (within terminal)
1 Adelphomys candidus 1 --> (01) (within terminal)
1 Prostichomys bowmani 1 --> (01) (within terminal)
1 Stichomys regularis 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Mayomys confusus 1 --> (01) (within terminal)
1 Eobraniomys romeri 1 --> (01) (within terminal)
1 Pozomys ucayaliensis 1 --> (01) (within terminal)
1 Cachihiacuy kumme 1 --> (01) (within terminal)
1 Thryonomys swindlesi 1 --> (01) (within terminal)
1 Pampamys pigtolus 1 --> (01) (within terminal)
1 Metaphiomys schaperi 1 --> (01) (within terminal)
1 Baluchimys barryi 0 --> (01) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)

42 (*Development o) 0.667

1 node_218 1 ==> 0 Cocomys liguicaen
1 node_217 1 ==> 2 node_118
2 Tamquaamys dispers 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Hodsaibia azraei 1 --> (012) (within terminal)
1 node_120 1 ==> 0 'Waslams' attia
2 Phiomys hammondii 1 --> (012) (within terminal)
2 Cachihiacuyconta 1 --> (012) (within terminal)
2 Eoespinawoodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromyos m 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
2 Eosteiromys_homo 1 --> (012) (within terminal)
2 Branisamys_a 1 --> (012) (within terminal)
2 Neosteiromys_pat 1 --> (012) (within terminal)
2 Erethizon_dorsat 1 --> (012) (within terminal)
2 Coendou_prehensi 1 --> (012) (within terminal)
2 Steiromys_detent 1 --> (012) (within terminal)
2 Hypsosteiromys_a 1 --> (012) (within terminal)
2 Chaetomys_subspi 1 --> (012) (within terminal)
2 Palaeosteiromys 1 --> (012) (within terminal)
2 Australoproctaf 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 Branisamys_lurib 1 --> (012) (within terminal)
2 Dasyprocta 1 --> (012) (within terminal)
2 Cuniculus_pacat 1 --> (012) (within terminal)
2 Eoincamys_pascua 1 --> (012) (within terminal)
2 Incamys_bolivian 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_branicki 1 --> (012) (within terminal)
2 Neoepiblema_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 Scleromys_osborn 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Garridomys 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 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Eoincamys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconyomys verai 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
2 Platypittamys br 1 --> (012) (within terminal)
2 Deseadomyra aramb 1 --> (012) (within terminal)
2 Acaremys murinus 1 --> (012) (within terminal)
2 Sciamys principa 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomya pri 1 --> (012) (within terminal)
2 Spaniomya ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys aper 1 --> (012) (within terminal)
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Makalata didelph 1 --> (012) (within terminal)
2 Protadelphomya l 1 --> (012) (within terminal)
2 Euryzygomatamy 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)
2 Neophonamys bipl 1 --> (012) (within terminal)
2 Pithanatomys col 1 --> (012) (within terminal)
2 Octodon degus 1 --> (012) (within terminal)
2 Spalacopus cyanu 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmons 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 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 ucayalie 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)

43 (Mesostyle on P) 0.500
<table>
<thead>
<tr>
<th>Taxon</th>
<th>Branches</th>
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<tr>
<td>Chambiramys ship</td>
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</tr>
<tr>
<td>Eoincamys parvus</td>
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<tr>
<td>Chambiramys sylv</td>
<td>1 - - - (01) (within terminal)</td>
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<td>Eoincamys ameghi</td>
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<tr>
<td>Draconomys verai</td>
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</tr>
<tr>
<td>Eoincamys parvus</td>
<td>1 - - - (01) (within terminal)</td>
</tr>
<tr>
<td>Chambiramys sylv</td>
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<td>Eoincamys ameghi</td>
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<tr>
<td>Draconomys verai</td>
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<tr>
<td>Eoincamys parvus</td>
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</tr>
<tr>
<td>Chambiramys sylv</td>
<td>1 - - - (01) (within terminal)</td>
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<td>Eoincamys ameghi</td>
<td>1 - - - (01) (within terminal)</td>
</tr>
<tr>
<td>Draconomys verai</td>
<td>0 - - - (01) (within terminal)</td>
</tr>
</tbody>
</table>

Node 195 connects to node 194.

Node 166 connects to node 165.

Node 212 connects to node 120.

44 (*Development o) 0.636

2 Archetypomyms e r l 1 - - - (012) (within terminal)

2 Protomys e r l 1 - - - (012) (within terminal)

2 Archetypomyms e r l 1 - - - (012) (within terminal)

2 Protomys e r l 1 - - - (012) (within terminal)

2 Archetypomyms e r l 1 - - - (012) (within terminal)

2 Protomys e r l 1 - - - (012) (within terminal)

2 Archetypomyms e r l 1 - - - (012) (within terminal)
Hsearch_Consensus.out
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
2 Archetypomyomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Cocomys ligchaen 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapattimys wil 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
1 node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
1 node_120 1 ==> 2 'Waslamys' attia
2 Phiomys hammu 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
1 node_123 0 ==> 1 Neosteiromys pat
1 Erethizon dorsat 0 --> (01) (within terminal)
2 Palaeosteiromys 0 --> (012) (within terminal)
2 Luantis 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)
2 Cavia apera 0 --> (012) (within terminal)
2 Galea spixii 0 --> (012) (within terminal)
2 Perimys intermed 0 --> (012) (within terminal)
2 Neoreomys aust 0 --> (012) (within terminal)
2 Dasyprocta 0 --> (012) (within terminal)
2 Microscleromys p 0 --> (012) (within terminal)
2 Potamarchus muri 0 --> (012) (within terminal)
2 Neoeplema 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 Garridomys curnu 0 --> (012) (within terminal)
2 Evoisaccia fras 0 --> (012) (within terminal)
2 Scleromys praece 0 --> (012) (within terminal)
2 Chambiramys ship 0 --> (012) (within terminal)
Hsearch_Consensus.out

2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)
2 Proechimys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 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 bolivie 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 0 --> (012) (within terminal)
2 Protichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons a 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (012) (within terminal)
Mayomys confluen 0 --> (012) (within terminal)

node_200 0 --> 1 node_199

Eobransamys rom 1 --> (012) (within terminal)

Eobransamys jav 1 --> (12) (within terminal)

Pozomys ucayalie 0 --> (012) (within terminal)

Cachiayacuy kumme 0 --> (012) (within terminal)

Thyronomys swind 0 --> (012) (within terminal)

Paraphiomys pigo 0 --> (012) (within terminal)

Metaphiomys scha 0 --> (012) (within terminal)

Acritophiomys bo 0 --> (012) (within terminal)

Baluchimys barry 0 --> (012) (within terminal)

Archetypomys erl 0 --> (012) (within terminal)

Tribosphenomys m 0 --> (012) (within terminal)

Cocomys ligchaen 0 --> (012) (within terminal)

node_217 0 --> 2 node_216

Tamquammys dispi 2 --> (012) (within terminal)

Chapattimys wils 2 --> (012) (within terminal)

Ottomania proavi 2 --> (012) (within terminal)

Bugtimys zafarul 2 --> (012) (within terminal)

Hodsahibia azrae 2 --> (012) (within terminal)

Phiomys hammudai 2 --> (012) (within terminal)

Cachiayacuy conta 2 --> (12) (within terminal)

Canaanimys maqui 2 --> (012) (within terminal)

node_204 2 --> 1 node_201

Protosteirmys m 1 --> (012) (within terminal)

node_124 1 --> 2 Eosteirmys homo

Branisamypsis a 1 --> (012) (within terminal)

Erethizon dorsat 1 --> (12) (within terminal)

Coendou prehensi 1 --> (012) (within terminal)

Steirmys detent 1 --> (012) (within terminal)

node_129 1 --> 2 Hypsoosteirmys a

node_129 1 ==> 0 Chaetomys subspe

Palaeosteirmys 1 --> (012) (within terminal)

node_141 1 ==> 0 node_140

Australoprocta f 0 --> (012) (within terminal)

Luantus propheti 0 --> (012) (within terminal)

Asteromys punctu 0 --> (012) (within terminal)

Dolichotis patag 0 --> (012) (within terminal)

Hydrochoerus hyd 0 --> (012) (within terminal)
Hsearch_Consensus.out

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<td>Neoepiblema ambr</td>
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<td>Platypittamys br</td>
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<td>2</td>
<td>Deseadomys aramb</td>
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</tr>
<tr>
<td>2</td>
<td>Willidewu estepa</td>
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<td>2</td>
<td>Prospaniomys pri</td>
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<td>Spaniomys ripari</td>
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<td>Myocastor coypus</td>
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<td>Proechimys cuvie</td>
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<td>Maruchito trilof</td>
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Hsearch_Consensus.out

2 Thrichomys aper 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 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 bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 ruigomez 2 --> (012) (within terminal)
2 Pampamys emmons 2 --> (012) (within terminal)
2 Cavio cricetus lu 2 --> (012) (within terminal)
2 Plesi acarechimys 2 --> (012) (within terminal)
2 Sallamys pascual 2 --> (012) (within terminal)
2 Mayomys confluen 2 --> (012) (within terminal)
2 Eobrannisamys rom 1 --> (012) (within terminal)
1 Eobrannisamys jav 1 --> (12) (within terminal)
2 Pozomys ucayalie 2 --> (012) (within terminal)
2 Cachi yacuy kumme 2 --> (012) (within terminal)
2 Thryonomys swind 2 --> (012) (within terminal)
2 Paraphiomys pigo 2 --> (012) (within terminal)
2 Metaphiomys scha 2 --> (012) (within terminal)
2 Acritophiomys bo 2 --> (012) (within terminal)
2 Baluchimys barry 2 --> (012) (within terminal)

48 (Mesostyle and ) 1.000
Hsearch_Consensus.out

1 Acritopliomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaammys dTspsi 1 --> (01) (within terminal)
1 Chapatti mys wil s 1 --> (01) (within terminal)
1 Ottomani a proavi 1 --> (01) (within terminal)
1 Bugti mys zafarul 1 --> (01) (within terminal)
1 Hodshah bia azræ 1 --> (01) (within terminal)
1 Philomys hammu 1 --> (01) (within terminal)
1 Cachi yaczuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 Protosteiromys m 0 --> (01) (within terminal)
1 node_124 0 --> 1 node_123
1 BranisamyOPSIS a 1 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
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1 node_140 0 --> 1 node_138
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 Cavlia 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 Dasyprocta 0 --> (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 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoeplibema 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 Scleromys osborn 1 --> (01) (within terminal)
1 node_153 1 --> 0 node_152
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 node_158 1 --> 0 Eoincamys parvus
1 Chambiramys 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 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Willi dewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
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1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichostrum apere 1 --> (01) (within terminal)
1 Echimys chrysuru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Protadelphomys 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 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 Prostichomys bow 1  --> (01) (within terminal)
1 Stichomys regula 1  --> (01) (within terminal)
1 Dudumus ruigomez 1  --> (01) (within terminal)
1 Pampamys emmons 1  --> (01) (within terminal)
1 Caviocrictetus lu 1  --> (01) (within terminal)
1 Plesiacaechimys 1  --> (01) (within terminal)
1 Sallamys pascual 1  --> (01) (within terminal)
1 Mayomys confluen 1  --> (01) (within terminal)
1 Eobransamys rom 1  --> (01) (within terminal)
1 Pozomys ucayalie 1  --> (01) (within terminal)
1 Tarapotomys mayo 1  --> (01) (within terminal)
1 Cachiayacuy 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 Baluchi mys barry 1  --> (01) (within terminal)
1 Archetypomys erl 1  --> (01) (within terminal)
1 Tribosphynomy s term 1  --> (01) (within terminal)
1 Cocomy s ligchaen 1  --> (01) (within terminal)
1 node_118 1  --> 0 Birbalomys sonda
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1 Bugtims zafarul 1  --> (01) (within terminal)
1 Hod sahibia azrae 1  --> (01) (within terminal)
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1 Eoespina woodi-E 1  --> (01) (within terminal)
1 Canaani mys maqui 1  --> (01) (within terminal)
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1 Eosteir omy s homo 1  --> (01) (within terminal)
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1 Palaeosteir omy s 1  --> (01) (within terminal)
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1 Asteromys punctu 1  --> (01) (within terminal)
1 Dolichotis pata 1  --> (01) (within terminal)
1 Hydrochoerus hyd 1  --> (01) (within terminal)
1 Cavia apere 1  --> (01) (within terminal)
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1 node_145 1  --> 0 node_161
1 Eoincayms pascua 0  --> (01) (within terminal)
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1 Drytomomys ae 1  --> (01) (within terminal)

50 (Posterior arm) 0.556

Page p
Hsearch_Consensus.out

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1 Metaphiomys scla 0 --> (01) (within terminal)
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1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyms ligchaen 0 --> (01) (within terminal)
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1 Birbalomys son 0 --> (01) (within terminal)
1 Tamquaamys dispi 0 --> (01) (within terminal)
1 Chapatti mys wil 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
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1 Eoviscaccia aust 1 --> (01) (within terminal)
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1 Eoincamys partur 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
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1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephaloze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)

Pge p

54 (Height of the ) 0.500
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<td>Galea spixi</td>
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<td>Perimys intermedius</td>
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<td>Lagostomus maximus</td>
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<td>Eoviscaccia fraseri</td>
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<td>Scleromys praecuculatus</td>
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<td>Chambiramus shipus</td>
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<td>Chambiramus sylvaticus</td>
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<td>Myocastor coypus</td>
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<td>Maruchito trilophus</td>
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<td>Lagostomus maximus</td>
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<td>Chambiramus shipus</td>
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59 (Anterior arm o) 0.778
Hsearch Consensus.out

1 Chambiramys sylv 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 node_166 1 ==> 0 node_163
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor cyopius 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomyys aper 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makalata didelphi 1 --> (01) (within terminal)
1 Eurzygomatomyms 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 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 Adelphomyms candi 1 --> (01) (within terminal)
1 Prostichomyms bow 1 --> (01) (within terminal)
1 Stichomyms regula 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Cavilocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 node_193 1 ==> 0 Sallamys pascual
1 Mayomys confuen 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucaliale 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 Thyromomyms wind 1 --> (01) (within terminal)
1 Paraphiomyms pigo 1 --> (01) (within terminal)
1 Metaphiomyms scha 1 --> (01) (within terminal)
1 Acritophiomyms bo 1 --> (01) (within terminal)
1 Baluchi myms b arry 1 --> (01) (within terminal)
1 Ar chetypomys eri 0 --> (01) (within terminal)
1 Tribosphenomyms m 0 --> (01) (within terminal)
1 Coc omyms lig chae n 0 --> (01) (within terminal)
1 Reithropar amys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys di spi 0 --> (01) (within terminal)
1 Chapatti myms wi 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Hods habia azrae 0 --> (01) (within terminal)
1 node_207 0 --> 1 node_206
1 Cana amino mys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Chaet omyms substpi 1 --> (01) (within terminal)
1 Pala eosteiromys 1 --> (01) (within terminal)
1 Asteromyms punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper e 1 --> (01) (within terminal)
1 Galea spixi 1 --> (01) (within terminal)
1 Peri myms intermed 1 --> (01) (within terminal)
1 Lagostomus maxi m 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromyms prae cu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)

60 (Length of the ) 0.500

Pge p
Hsearch_Consensus.out

1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor cou pyus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruc hito tril of 1 --> (01) (within terminal)
1 Thrichomys a per e 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makal ata di del ph 1 --> (01) (within terminal)
1 Euryzyg omatyms 1 --> (01) (within terminal)
1 Mesocapromys/ Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pit han om yms col 1 --> (01) (within terminal)
1 Octod on degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma benn et 1 --> (01) (within terminal)
1 Adel phomys can di 1 --> (01) (within terminal)
1 Prost ichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons a 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sllamys pas cu al 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eob ranisamys rom 1 --> (01) (within terminal)
1 Pozomys uca yali e 1 --> (01) (within terminal)
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchi mys bar ry 0 --> (01) (within terminal)
1 node_120 0 ==> 1 'Waslamys' attia
1 node_207 0 ==> 1 Phiomys hammudai
1 node_147 0 ==> 2 node_146
1 node_160 0 ==> 2 Eoincamys valver
1 Galileomys euryg 0 --> (02) (within terminal)
1 node_211 0 ==> 2 Archetypomys bo
1 Arch etypomys s'erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Coc omy s f lach ean 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbal omy s sonda 0 --> (01) (within terminal)
1 Tamaqu amy s dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Canaan imys maqui 0 --> (01) (within terminal)
1 node_205 0 ==> 1 node_204
1 Protosteiramous m 1 --> (01) (within terminal)
1 node_126 1 ==> 0 node_124
1 Erethizon do rsat 1 --> (01) (within terminal)
1 Steiramous detent 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteiramous 1 --> (01) (within terminal)
1 Ast eromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper e 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 node_140 1 --> 0 node_139
1 Cuniculus pac a-t 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Dolichotis patagon 0 --> (01) (within terminal)
1 Hydrochoerus hydromys 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermedius 0 --> (01) (within terminal)
1 Cuniculus paca 0 --> (01) (within terminal)
1 node_158 0 --> 1 node_157
1 node_154 1 --> 0 node_142
1 Dinomys branickii 1 --> (01) (within terminal)
1 node_148 1 --> 0 node_147
1 Lagostomus maximus 0 --> (01) (within terminal)
1 Sclerothrymyos osborni 1 --> (01) (within terminal)
1 Eoviscaccia frascati 1 --> (01) (within terminal)
1 Chambiramyus shippi 1 --> (01) (within terminal)
1 Chambiramyus sylvaticus 0 --> (01) (within terminal)
1 Draconyssus varius 0 --> (01) (within terminal)
1 Leucoccephalos zebrinus 0 --> (01) (within terminal)
1 Platypitammys brachyurus 0 --> (01) (within terminal)
1 Deseadomys arambourou 0 --> (01) (within terminal)
1 node_167 0 --> 1 Willidewu estepa
1 Prospaniomys primus 0 --> (01) (within terminal)
1 Spaniomyys riparius 0 --> (01) (within terminal)
1 Myocastor coyopus 0 --> (01) (within terminal)
1 Proechimyys cuvieri 0 --> (01) (within terminal)
1 Maruchito trilophus 0 --> (01) (within terminal)
1 Thrichomyss apere 0 --> (01) (within terminal)
1 Echimys chrissurus 0 --> (01) (within terminal)
1 Makalata didelphica 0 --> (02) (within terminal)
1 Euryzygomaticomys melampus 0 --> (01) (within terminal)
1 Mesocapromys iucun 0 --> (01) (within terminal)
1 Xenodontomys simoni 0 --> (01) (within terminal)
1 Ctenomyx bolivianus 0 --> (01) (within terminal)
1 Neophanomys bipolare 0 --> (01) (within terminal)
1 Pitphanomys colocolo 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 Adelphomyx candidus 0 --> (01) (within terminal)
1 Prostichomys bowmani 0 --> (01) (within terminal)
1 Stichomyx regularis 0 --> (01) (within terminal)
1 Duddumus riu gomez 0 --> (01) (within terminal)
1 Pampamys emmonsii 0 --> (01) (within terminal)
1 Cavio cricetus 0 --> (01) (within terminal)
1 Plesiacarechimyss lae 0 --> (01) (within terminal)
1 Saltamys pasteurianus 0 --> (01) (within terminal)
1 Mayomyx confluens 0 --> (01) (within terminal)
1 Ebbraniomys romeri 0 --> (01) (within terminal)
1 Ebbraniomys javanicus 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonomys windischii 0 --> (01) (within terminal)
1 Paraphiomyx pigonius 0 --> (01) (within terminal)
1 Metaphiomyx schaeferi 0 --> (01) (within terminal)
1 Baluchimys barryi 0 --> (01) (within terminal)
1 node_218 0 --> 1 node_219
1 node_219 1 --> 0 Archetypomys erlichmani 0
1 node_218 0 --> 1 Cocomys liechtensteini 0
1 node_216 0 --> 1 Tamquaommyns disponsus 0
1 node_213 0 --> 1 Ottomaniaps proavus 0
1 Hodshahibia azzarensis 0 --> (01) (within terminal)
1 Eoespina woodiana 0 --> (01) (within terminal)
1 Canaaniemys macquayi 0 --> (01) (within terminal)
1 Prostoeiroomyx moalbi 0 --> (01) (within terminal)
1 Erethizon dorsatum 0 --> (01) (within terminal)
1 Palaeosteiromys cubanus 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteroomys punctatus 0 --> (01) (within terminal)

64 (Metacone on P4) 0.222

Pge p
Hsearch Consensus.out

1 Galileomys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomyx ripari 1 --> (01) (within terminal)
1 Myocastor corpus 1 --> (01) (within terminal)
1 Proechimys cue 1 --> (01) (within terminal)
1 Maruchito tri 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrys 1 --> (01) (within terminal)
1 Makalata dide 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomaticys 1 --> (01) (within terminal)
1 Mesocapromys/s 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 Pithanomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma benne 1 --> (01) (within terminal)
1 Aderophomys cani 1 --> (01) (within terminal)
1 Protichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus rum 1 --> (01) (within terminal)
1 Pampamyx emmonsa 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Salamys pascua 1 --> (01) (within terminal)
1 Tardigrachimys 1 --> (01) (within terminal)
1 Eosallamys paul 1 --> (01) (within terminal)
1 Eobranisamys j 1 --> (01) (within terminal)
1 Pozyomyx ucayal 1 --> (01) (within terminal)
1 Cachi 1 --> (01) (within terminal)
1 Harabinamys dosp 1 --> (01) (within terminal)
1 Ottomani proav 1 --> (01) (within terminal)
1 Hodsahlia azrae 1 --> (01) (within terminal)
1 Esenina wodtkei 1 --> (01) (within terminal)
1 Canaanmys maq 1 --> (01) (within terminal)
1 Protosteiromys maqua 1 --> (01) (within terminal)
1 node_217 1 --> node_216
1 Tamquammys d 1 --> (01) (within terminal)
1 Australian proct 1 --> (01) (within terminal)
1 Coendou prehs 1 --> (01) (within terminal)
1 Steir 1 --> (01) (within terminal)
1 Chaetomys subs 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoproct a 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Peri 1 --> (01) (within terminal)
1 Neoreomys aust 1 --> (01) (within terminal)
1 node_140 1 --> node_139
1 Dasyprocta 1 --> (01) (within terminal)
1 Microscleromyx 1 --> (01) (within terminal)
1 node_154 1 --> node_153

67 (Anterior arm o) 0.500
Hsearch_Consensus.out
1 Scleromys quadra 0 -->(01) (within terminal)
1 Scleromys angust 0 -->(01) (within terminal)
1 Dinomys branicki 0 -->(01) (within terminal)
1 Neoepiblema ambra 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 Garridomys curb 0 -->(01) (within terminal)
1 Eoviscaccia fras 0 -->(01) (within terminal)
1 Eoviscaccia aust 0 -->(01) (within terminal)
1 Scleromys praecu 1 -->(01) (within terminal)
1 Chambiramys ship 1 -->(01) (within terminal)
1 Chambiramys sylv 1 -->(01) (within terminal)
1 Eoincamys valver 1 -->(01) (within terminal)
1 Eoincamys ameghi 1 -->(01) (within terminal)
1 Dracoconomys verai 1 -->(01) (within terminal)
1 Leucokephalos ze 1 -->(01) (within terminal)
1 Platypittamys br 1 -->(01) (within terminal)
1 Deseadomy aramb 1 -->(01) (within terminal)
1 Acaremys murinus 1 -->(01) (within terminal)
1 Sciamys principa 1 -->(01) (within terminal)
1 Galileomys euryg 1 -->(01) (within terminal)
1 Willi dewu estepa 1 -->(01) (within terminal)
1 Prospaniomys pr 1 -->(01) (within terminal)
1 Myocastor coypus 1 -->(01) (within terminal)
1 Proechimys cuvie 1 -->(01) (within terminal)
1 Maruchtio trilof 1 -->(01) (within terminal)
1 Thrichomys aper 1 -->(01) (within terminal)
1 Echimys chrys 1 -->(01) (within terminal)
1 Makalata didelph 1 -->(01) (within terminal)
1 Protadolphmys 1 -->(01) (within terminal)
1 Euryzygomaticmys 1 -->(01) (within terminal)
1 Mesocapromys/Mys 1 -->(01) (within terminal)
1 Xenodontomys sim 1 -->(01) (within terminal)
1 Ctenomys bolivia 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 Adelphomy candi 1 -->(01) (within terminal)
1 Protadolphmys 1 -->(01) (within terminal)
1 Prostichomys bow 1 -->(01) (within terminal)
1 Stichomys regula 1 -->(01) (within terminal)
1 Dudumus ruigomez 1 -->(01) (within terminal)
1 Pampamys emmonsa 1 -->(01) (within terminal)
1 Caviocrictus lu 1 -->(01) (within terminal)
1 Plesiacarechimys 1 -->(01) (within terminal)
1 Sallamys pascau 1 -->(01) (within terminal)
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1 Shapajamy laboc 1 -->(01) (within terminal)
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1 Cachiyacuy kumme 1 -->(01) (within terminal)
1 T hr yonomys swind 1 -->(01) (within terminal)
1 Paraphomy pigo 1 -->(01) (within terminal)
1 Metaphomy scha 1 -->(01) (within terminal)
1 Baluchi mys barry 1 -->(01) (within terminal)
1 node_219 0 -->(01) (within terminal)
1 node_216 0 -->(01) (within terminal)
1 Hodsahibia azae 0 -->(01) (within terminal)
1 node_207 0 -->(01) (within terminal)
1 Cachiyacuy conta 1 -->(01) (within terminal)
1 Canaahimys maqui 1 -->(01) (within terminal)
1 node_198 1 -->(01) (within terminal)

68 (Meta!ph on P4) 0.462

Pge p
Hsearch_Consensus.out

1 Protosteiromyms m 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromyms a 0 --> (01) (within terminal)
1 Palaeosteiromyms 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromyms punctu 0 --> (01) (within terminal)
1 Dolicothis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 node_137 0 --> 1 Neoreomys australis
1 node_145 1 --> 0 node_144
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromyms praece 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 node_158 1 --> 0 Eoincamys parvus
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valverdi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucoképhalos ze 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 aptermali 1 --> (01) (within terminal)
1 Echimys chrysuri 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Euryzgyomatomyms 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomyms sim 1 --> (01) (within terminal)
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1 Pithanomys col 1 --> (01) (within terminal)
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1 Spalacopus cyanu 1 --> (01) (within terminal)
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1 Adelphomyms candi 1 --> (01) (within terminal)
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1 Stichomyms regula 1 --> (01) (within terminal)
1 Dddmurus rui gomez 1 --> (01) (within terminal)
1 Pampamyms emmorna 1 --> (01) (within terminal)
1 Cavilocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Mayomys conf 1 --> (01) (within terminal)
1 node_200 1 --> 0 Shapajamyms laboc
1 Eobraziamyms rom 1 --> (01) (within terminal)
1 Pozomys ucalay 1 --> (01) (within terminal)
1 Taraptomys suba 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Thrynomomyms wind 0 --> (01) (within terminal)
1 Paraphymys pigo 0 --> (01) (within terminal)
1 Metaphymys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 node_213 1 --> 2 node_212
1 node_120 2 --> 0 node_119
1 Bugti mys zafarul 0 --> (01) (within terminal)
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 Eosteiromyms homo
1 Coendou prehensil 3 --> (03) (within terminal)
1 node_138 3 --> 0 Brani samys luri
1 Dasyprócta 3 --> (03) (within terminal)

69 (Lingual connec) 0.615

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1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
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1 Stichomys regula 1 --> (01) (within terminal)
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1 Pampamys emmonsa 1 --> (01) (within terminal)
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1 Mayomys confluen 1 --> (01) (within terminal)
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1 Thryomys swing 1 --> (01) (within terminal)
1 Paraphionmys pigo 1 --> (01) (within terminal)
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1 Baluchi mys bary 0 --> (01) (within terminal)
2 Archetyppomys er 0 --> (012) (within terminal)
73 (*DP4 length/wi) 0.333
Hsearch_Consensus.out

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2 Cuniculus paca-t 2 --> (012) (within terminal)
2 Eoïncamys pascua 2 --> (012) (within terminal)
2 Scleromys angust 2 --> (012) (within terminal)
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1 node_182 2 --> 1 node_181
2 Neophanomys bippines 1 --> (012) (within terminal)
1 node_179 1 --> 2 Pithanotomys col
2 Abrocoma bennett 2 --> (012) (within terminal)
2 Adelphomys candi 2 --> (012) (within terminal)
1 node_189 1 --> 2 Pampamy's emmons
Hsearch_Consensus.out

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1 Pozomys uca 1 --> (01) (within terminal)
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1 Archetypomys erl 0 --> (01) (within terminal)
Hsearch_Consensus.out

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1  Chapatti mys wils 0 -> (01) (within terminal)
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1  Drytomomys aequa 0 -> (01) (within terminal)
1  Potamarchus muri 0 -> (01) (within terminal)
1  Neoeptilema amb 0 -> (01) (within terminal)
1  Chinchillalani 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  Garridomys curnu 0 -> (01) (within terminal)
1  Eoviscaccia fras 0 -> (01) (within terminal)
1  Scleromys parvus 0 -> (01) (within terminal)
1  Scleromys valver 0 -> (01) (within terminal)
1  Eoincamys meghii 0 -> (01) (within terminal)
1  Draconomys verai 0 -> (01) (within terminal)
1  Leucokethalsae 0 -> (01) (within terminal)
1  Platypittamys br 0 -> (01) (within terminal)
1  Deseadomys aramb 0 -> (01) (within terminal)
1  Sclamys principa 0 -> (01) (within terminal)
1  Willidewu estepa 0 -> (01) (within terminal)
1  Maruchito trilofo 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 boliviae 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  Eobranisamyroms rom 0 -> (01) (within terminal)
1  Pozomys uca 0 -> (01) (within terminal)
1  Cachiycuy kumme 0 -> (01) (within terminal)
2  Archetypomys erl 0 -> (012) (within terminal)
2  Reithroparamys d 0 -> (012) (within terminal)
1  node_217 0 -> 1  node_216
2  Tamquammys dispi 1 -> (012) (within terminal)
2  Chapatti mys wils 1 -> (012) (within terminal)

76 (*Height of the) 0.500
Hsearch_Consensus.out

1 node_213 1 --> 0 Ottomania proavi
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 node_120 1 --> 'Waslamys' attia
1 node_210 1 --> 2 node_209
2 Phiomys hammudai 2 --> (012) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
2 Protosteiromys m 2 --> (012) (within terminal)
2 Eosteiromys homo 2 --> (012) (within terminal)
2 Brantisamyopsis a 2 --> (012) (within terminal)
2 Neosteiromys pat 2 --> (012) (within terminal)
2 Erethizon dorsat 2 --> (012) (within terminal)
2 Palaeosteiromys 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)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Neoreomys aust 2 --> (012) (within terminal)
1 node_140 2 --> 1 node_139
1 Cuniculus paca-t 1 --> (012) (within terminal)
2 Eoincamys pascua 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 Neoevibraebrae 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
Hsearch_Consensus.out
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 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 Garridomys curru 0 --> (01) (within terminal)
1 Eovi scacia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eoinca mys parvu 0 --> (01) (within terminal)
1 Chamb ramy s sylv 0 --> (01) (within terminal)
1 Eoinca mys valver 0 --> (01) (within terminal)
1 Eoinca mys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamy s br 0 --> (01) (within terminal)
1 Desea domys aramb 0 --> (01) (within terminal)
1 Sciamy s principa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Proechi mys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Protadolphomys 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 Pit hanomys 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 node_200 0 --> 1 Shapajamys laboc
1 Eobransamys rom 0 --> (01) (within terminal)
1 Pozomys uca 0 --> (01) (within terminal)
1 Cachiycuy kumme 0 --> (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 Tamquammymys d 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Phiomys hammu 0 --> (01) (within terminal)
1 Canaahys maqui 0 --> (01) (within terminal)
1 Protosteironmys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyps s 0 --> (01) (within terminal)
1 Neo steiromys pat 0 --> (01) (within terminal)
1 Er ethizon dorsat 0 --> (01) (within terminal)
1 Chaetomys subs 0 --> (01) (within terminal)
1 Palaeosteironmys 0 --> (01) (within terminal)
1 Australoproct a 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 aus 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus paca 0 --> (01) (within terminal)
1 Eoinca mys pascua 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 braniicki 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
Hsearch_Consensus.out

1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chamberi amys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys a meghi 0 --> (01) (within terminal)
1 Dracr omyms verai 0 --> (01) (within terminal)
1 Leucok ephalos zela 0 --> (01) (within terminal)
1 Platyptitalamys br 0 --> (01) (within terminal)
1 Dese adomyms aramb 0 --> (01) (within terminal)
1 Scia amys prin cipa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Proto delphomyms l 0 --> (01) (within terminal)
1 Mesocapromys / Mys 0 --> (01) (within terminal)
1 Xenodontomyms sim 0 --> (01) (within terminal)
1 Ctenomys bolivi e 0 --> (01) (within terminal)
1 Neophano mys bipl 0 --> (01) (within terminal)
1 Pithanotomyms col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spal acopus cyanu 0 --> (01) (within terminal)
1 Ab rocoma bennett 0 --> (01) (within terminal)
1 Adel phomyms candi 0 --> (01) (within terminal)
1 Eobranisma mys rom 0 --> (01) (within terminal)
1 Pozomyms u cayali e 0 --> (01) (within terminal)
1 Ca chi yacuy kumme 0 --> (01) (within terminal)
1 node_214 0 --> 1 Bal uchmys barry
82 (Posterior arm) 0.333
1 Archetypomyms erl 0 --> (01) (within terminal)
1 node_218 0 ==> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tam qua mmys dispi 0 --> (01) (within terminal)
1 Chapatti myms wils 0 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 Ottomania pr oavi 1 --> (01) (within terminal)
1 Phiomys heckmu 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Can aani myms magui 1 --> (01) (within terminal)
1 node_201 1 --> 0 node_198
1 node_130 0 --> 1 node_128
1 Proto steiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamyops a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Er ethiz on dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Chaetomyms subspi 0 --> (01) (within terminal)
1 Palaes eiromys 0 --> (01) (within terminal)
1 Australoprotoc a 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis pata g 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cav ia aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimyms intermed 0 --> (01) (within terminal)
1 Neoreomyms austra 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 Microscleromyms p 0 --> (01) (within terminal)
1 Scleromyms quadra 0 --> (01) (within terminal)
1 Scleromyms 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 Neoepliblema ambr 0 --> (01) (within terminal)
1 ChinchillaLANIG 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lago stominus max 0 --> (01) (within terminal)
1 Scleromyms osborn 0 --> (01) (within terminal)
1 Garridomyms curnu 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praeccu 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys silv 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 Leucokoaphalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomy s aramb 0 --> (01) (within terminal)
1 Scialmys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Williedewu estepa 0 --> (01) (within terminal)
1 Prospaniomy s pri 0 --> (01) (within terminal)
1 Myocastor cor ypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomy s apere 0 --> (01) (within terminal)
1 Echimys chr ysuru 0 --> (01) (within terminal)
1 Makalata di delph 0 --> (01) (within terminal)
1 Prodelphomy s /Mys 0 --> (01) (within terminal)
1 Euryzygmatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivia 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanatomy s 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 Adelphomy s candi 0 --> (01) (within terminal)
1 Prostichomy s bow 0 --> (01) (within terminal)
1 Stichomy s regula 0 --> (01) (within terminal)
1 Pampamy s emmons 0 --> (01) (within terminal)
1 Cavaticricetus lu 0 --> (01) (within terminal)
1 Sallamy s pascual 0 --> (01) (within terminal)
1 node_196 0 --> 1 Mayomys conf lu en
1 Eosallamy s paula 0 --> (01) (within terminal)
1 Eobranisamy s rom 1 --> (01) (within terminal)
1 Pozomys ucayali e 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiycuy kumme 1 --> (01) (within terminal)
1 Thrphonomy s swind 1 --> (01) (within terminal)
1 Paracheiromys pigo 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 node_218 0 ==> 1 node_217
1 Reithroparamys d 1 --> (01) (within terminal)
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chapattimys wil s 1 --> (01) (within terminal)
1 Phiomys huumu dai 1 --> (01) (within terminal)
1 Cananimys maqui 1 --> (01) (within terminal)
1 Prostichomys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamypsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Er eithizon dorsat 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Asteroomys punctu 1 --> (01) (within terminal)
1 Dolichotis pat 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galeaspixi 1 --> (01) (within terminal)
1 Neoreomys aust 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)

83 (Protoconuleon) 1.000
Hsearch_Consensus.out

1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neoeohippus ambras 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium visci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys 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 Leucokephlos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Sciomyms principa 1 --> (01) (within terminal)
1 Willi deu estepa 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Mesopromys Mys 1 --> (01) (within terminal)
1 Xenotomomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neopahnomys 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 Abrococma bennett 1 --> (01) (within terminal)
1 Adelphoymomys candi 1 --> (01) (within terminal)
1 Eoincamys samys 1 --> (01) (within terminal)
1 Pozomys ucecali 1 --> (01) (within terminal)
1 Cachiya cucum 1 --> (01) (within 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 Hypsostereomys a
1 Perimys intermed 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (02) (within terminal)
1 Incamys bolivian 1 --> (12) (within terminal)
1 Acaremys muminus 1 --> (12) (within terminal)
1 node_166 1 --> 0 Galileomys euryg
1 node_168 1 --> 2 Spaniomyms ripari
1 node_171 1 --> 0 Thricomys apere
1 node_172 1 --> 2 Echymys chrysur
1 Makalata delph 1 --> (01) (within terminal)
1 Sallamys pasculi 1 --> (01) (within terminal)
1 node_196 1 --> 2 Mayomyms confil
1 node_201 1 --> 2 node_200
1 node_202 1 --> 2 Taranomys suba
1 Archeytromys eri 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_118
1 Reithroparamys d 1 --> (01) (within terminal)
1 Tamquamyms dispar 1 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Phomys hammudai 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteomys m 0 --> (01) (within terminal)
1 Eostereomys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteomys mat 0 --> (01) (within terminal)
1 Eretizon dorsat 0 --> (01) (within terminal)
1 Palaeostereomys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Asteromyms punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Incamys bolivian 1 --> (01) (within terminal)
1 Microtiscleoromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomoys aequa 1 --> (01) (within terminal)
1 Potamarchus murci 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoeplblema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garris domys curru 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 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomy m verai 1 --> (01) (within terminal)
1 Leucoccephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 node_169 1 --> 0 Proechimys cuvie
1 Maruchito trillo 1 --> (01) (within terminal)
1 Thricomys aperi 1 --> (01) (within terminal)
1 Echimys chrystru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Euryzygatomymys 1 --> (01) (within terminal)
1 Mesocapromys s Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Clenomys 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 cyn 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Eobrain samys rom 1 --> (01) (within terminal)
1 Eobrain samys jav 1 --> (01) (within terminal)
1 Pozomys ucaialie 1 --> (01) (within terminal)
1 Tarapotomys may 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiya Kumme 1 --> (01) (within terminal)
1 Paraphiomys pigo 1 --> (01) (within terminal)
2 Archetypomys eri 0 --> (012) (within terminal)
1 node_218 0 --> 1 node_217
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapatti mys wils 1 --> (012) (within terminal)
1 node_210 1 --> 2 node_209
2 Phiomys hammudai 2 --> (012) (within terminal)

87 (*Orientation o) 0.500

Pge p
Hsearch_Con sensus.out

1  Cavia aperi a 1 --> (01) (within terminal)
1  Galea spixii 1 --> (01) (within terminal)
1  Neoreomys austral 1 --> (01) (within terminal)
1  Brani samy s lurib 1 --> (01) (within terminal)
1  Cuniculus paca-t 1 --> (01) (within terminal)
1  Eoincamsy s pascua 1 --> (01) (within terminal)
1  Scler omy s angust 1 --> (01) (within terminal)
1  Drytomomy s aequa 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Ne oepi blema ambr 1 --> (01) (within terminal)
1  Chicken lla lanig 1 --> (01) (within terminal)
1  Lagidium vissaci 1 --> (01) (within terminal)
1  Lagostomus max 1 --> (01) (within terminal)
1  Scler omy s osborn 1 --> (01) (within terminal)
1  Garridomys curt 1 --> (01) (within terminal)
1  Eoviscaccia fras 1 --> (01) (within terminal)
1  Scler omy s praecu 1 --> (01) (within terminal)
1  Eoinca m y s parvus 1 --> (01) (within terminal)
1  Chamb iramy s sylv 1 --> (01) (within terminal)
1  Eoinca m y s val ver 1 --> (01) (within terminal)
1  Eoinca m y s ameghi 1 --> (01) (within terminal)
1  Drac onomy s verai 1 --> (01) (within terminal)
1  Leucok ephalous ze 1 --> (01) (within terminal)
1  Platypit tamys br 1 --> (01) (within terminal)
1  Deseadomys arramb 1 --> (01) (within terminal)
1  Sci amys principa 1 --> (01) (within terminal)
1  W ill i dewu estepa 1 --> (01) (within terminal)
1  Maruchito triolo 1 --> (01) (within terminal)
1  node_176 1 --> 0 node_175
1  Protadelphomys l 0 --> (01) (within terminal)
1  Mesocapromy s/Mys 0 --> (01) (within terminal)
1  Xenodontomy s sim 1 --> (01) (within terminal)
1  Ctenomy s bolivie 1 --> (01) (within terminal)
1  Neophanomy s bipl 1 --> (01) (within terminal)
1  Octodon degus 1 --> (01) (within terminal)
1  Abrocoma bennett 1 --> (01) (within terminal)
1  Adelphomy s can di 1 --> (01) (within terminal)
1  Eobranisamy s rom 1 --> (01) (within terminal)
1  Pozomys ucaya li 1 --> (01) (within terminal)
1  Cachi yacuy kumme 1 --> (01) (within terminal)
1  Baluchi my s barry 0 --> (01) (within terminal)
1  Archetypomy s er 1 --> (01) (within terminal)
1  Reithroparamy s d 0 --> (01) (within terminal)
1  Tamquamy s dispi 0 --> (01) (within terminal)
1  Chapatti my s wi ls 0 --> (01) (within terminal)
1  node_211 0 ==> 1 node_210
1  Ph omy s hammudai 1 --> (01) (within terminal)
1  Canaanimys maqui 1 --> (01) (within terminal)
1  Protosteiromy s ml 1 --> (01) (within terminal)
1  Eoosteiromy s homo 1 --> (01) (within terminal)
1  Brani samy s pascuisa 1 --> (01) (within terminal)
1  Neosteiromy s pat 1 --> (01) (within terminal)
1  Erethiz on dorsat 1 --> (01) (within terminal)
1  Palaeosteiromy s 1 --> (01) (within terminal)
1  Australoprocta f 1 --> (01) (within terminal)
1  Asteromy s punct u 1 --> (01) (within terminal)
1  Dolichotis patag 1 --> (01) (within terminal)
1  Hydrochoerus punctu 1 --> (01) (within terminal)
1  Cavia aperi a 1 --> (01) (within terminal)
1  Galea spixii 1 --> (01) (within terminal)
1  Neoreomys austral 1 --> (01) (within terminal)
1  Cuniculus paca-t 1 --> (01) (within terminal)
1  Eoinca m y s pascua 1 --> (01) (within terminal)
1  Scler omy s angust 1 --> (01) (within terminal)
1  Drytomomy s aequa 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Ne oepib lema ambr 1 --> (01) (within terminal)
1  Chicken lla lanig 1 --> (01) (within terminal)

90  (Metaconule on ) 1.000
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 Garrido mys curnu 1 --> (01) (within terminal)
1 Eo visacca fras 1 --> (01) (within terminal)
1 Scleromys praeter 1 --> (01) (within terminal)
1 Eo incamys parvus 1 --> (01) (within terminal)
1 Eo incamys val ver 1 --> (01) (within terminal)
1 Eo incamys ameghi 1 --> (01) (within terminal)
1 Draeconomys verai 1 --> (01) (within terminal)
1 Leucok ephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Sci amys prin cipa 1 --> (01) (within terminal)
1 Willi dew estepa 1 --> (01) (within terminal)
1 Maruchi to tri lof 1 --> (01) (within terminal)
1 Protadel phomys l 1 --> (01) (within terminal)
1 Mesocar promys / Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 1 --> (01) (within terminal)
1 Neophanomys bi pl 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 ben nett 1 --> (01) (within terminal)
1 Adel phomys can di 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucayali e 1 --> (01) (within terminal)
1 Cachi yacu kumme 1 --> (01) (within terminal)
1 Archeyagomys e r 1 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 node_213 0 --> 1 node_212
1 node_120 1 --> 0 node_119
1 Phiomys ha mmuda i 1 --> (01) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eoespina wodi - E 1 --> (01) (within terminal)
1 Canaani mys maqui 1 --> (01) (within terminal)
1 Protoste iromys m 1 --> (01) (within terminal)
1 Eostei romys homo 1 --> (01) (within terminal)
1 Brani samys opsi s a 1 --> (01) (within terminal)
1 Neoste iromys pat 1 --> (01) (within terminal)
1 Er ethiz on dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Stei romys det ent 1 --> (01) (within terminal)
1 Hypsoste iromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeoste iromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantu s 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 aperia 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austr 1 --> (01) (within terminal)
1 Brani samys lurib 1 --> (01) (within terminal)
1 Das yprocta 1 --> (01) (within terminal)
1 Cuniculus paca - t 1 --> (01) (within terminal)
1 Eoinca mys pacua 1 --> (01) (within terminal)
1 Incamys bolivi an 1 --> (01) (within terminal)
1 Microscle romys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aerqua 1 --> (01) (within terminal)
1 Potamarchus aequa 1 --> (01) (within terminal)

Pge p
Dinomys branicki 1 --> (01) (within terminal)
Neoepiblemam ambr 1 --> (01) (within terminal)
Chinchilla lanig 1 --> (01) (within terminal)
Lagidium viscaci 1 --> (01) (within terminal)
Lagostomus maxim 1 --> (01) (within terminal)
Scleromys osborn 1 --> (01) (within terminal)
Garridomys curru 1 --> (01) (within terminal)
Eoviscaccia fras 1 --> (01) (within terminal)
Eoviscaccia aust 1 --> (01) (within terminal)
Scleromys valver 1 --> (01) (within terminal)
Eoincamys ameghi 1 --> (01) (within terminal)
Draconomys verai 1 --> (01) (within terminal)
Leucokcephalos ze 1 --> (01) (within terminal)
Platypittamys br 1 --> (01) (within terminal)
Deseadomys aramb 1 --> (01) (within terminal)
Acaremys murinus 1 --> (01) (within terminal)
Sciampmys principa 1 --> (01) (within terminal)
Gallomeys eur 1 --> (01) (within terminal)
Willidewu estepa 1 --> (01) (within terminal)
Prospaniomyos pri 1 --> (01) (within terminal)
Spaniomyos ripari 1 --> (01) (within terminal)
Myocastor coyus 1 --> (01) (within terminal)
Proechimys cuvio 1 --> (01) (within terminal)
Maruclito trilof 1 --> (01) (within terminal)
Thrichomyos apere 1 --> (01) (within terminal)
Echimys chrys 1 --> (01) (within terminal)
Makalata delph 1 --> (01) (within terminal)
Protadelphomyos 1 --> (01) (within terminal)
Euryzygomaions 1 --> (01) (within terminal)
Mesocapromys/Mys 1 --> (01) (within terminal)
Xenodontomyos sim 1 --> (01) (within terminal)
Ctenomyos bolivie 1 --> (01) (within terminal)
Neophano mys bipl 1 --> (01) (within terminal)
Pithanotomys col 1 --> (01) (within terminal)
Octodon degus 1 --> (01) (within terminal)
Spalacopus cyn 1 --> (01) (within terminal)
Abrocoma bennett 1 --> (01) (within terminal)
Adelphomyos candi 1 --> (01) (within terminal)
Protichomyos bow 1 --> (01) (within terminal)
Stichomyos regula 1 --> (01) (within terminal)
Dudumus ruigomez 1 --> (01) (within terminal)
Pampamyos eemansa 1 --> (01) (within terminal)
Caviocricetus lu 1 --> (01) (within terminal)
Plesiaacarechimys 1 --> (01) (within terminal)
Sallamyos pascau 1 --> (01) (within terminal)
Mayomyos conflu 1 --> (01) (within terminal)
Eosallamyos paula 1 --> (01) (within terminal)
Shapajamyos laboc 1 --> (01) (within terminal)
Eobrani samys jav 1 --> (01) (within terminal)
Pozoomyos ucatia 1 --> (01) (within terminal)
Tarapotomys mayo 1 --> (01) (within terminal)
Tarapotomys suba 1 --> (01) (within terminal)
Cachiyacuy kumme 1 --> (01) (within terminal)
Thryonomyos swind 1 --> (01) (within terminal)
Paraphiomyos scha 1 --> (01) (within terminal)
Archelixomyos cra 1 --> (01) (within terminal)
Reithroparmys elr 1 --> (01) (within terminal)
node 217 0 --> 1 node 216
Thamquamyos dispi 1 --> (01) (within terminal)
Chapattmys wils 1 --> (01) (within terminal)
Pihomyos hammadai 1 --> (01) (within terminal)
Cachiyacuy conta 1 --> (01) (within terminal)

92 (Metaconule pos) 1.000
Hsearch_Consensus.out

1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanmys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Braniسامyopsis a 1 --> (01) (within terminal)
1 Neoosteiromys 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 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaosteiromys 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 apera 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 Braniسامyboburib 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 Lncamys bolivi 1 --> (01) (within terminal)
1 Mircoscleromys 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepleblema ambr 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium viscac 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys prae 1 --> (01) (within terminal)
1 Chambiramyship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramyship 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 Platypittamus br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murin 1 --> (01) (within terminal)
1 Sciamys 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 Spaniomyos ripari 1 --> (01) (within terminal)
1 Myocastor cypus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchi to trilof 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echymys chrysuru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomaticyos 1 --> (01) (within terminal)
1 Mesocapromyos/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)

Pge p
Hsearch Consensus.out
1 Thrichomys apere 1 --> (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 Pithanatomys 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 Adelphomyiscand 1 --> (01) (within terminal)
1 node_193 1 ==> 0 Sallamys pascual
1 Shapajamys laboc 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Thyronomys wind 0 --> (01) (within terminal)
2 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Coomys ligchaen 0 --> (012) (within terminal)
2 Reithroparamys d 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
1 node_212 0 ==> 1 node_120
1 Hodshabia azrae 1 --> (01) (within terminal)
1 node_120 1 ==> 2 'Waslamys' attia
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 Braniaamopsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (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 Neoreomys austra 0 --> (012) (within terminal)
2 Dasyprocta 0 --> (012) (within terminal)
2 Cuniculus paca-t 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
2 Eoincamys pascua 0 --> (012) (within terminal)
2 Microscleromys p 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 Neoepiblema 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 Garridomys curnu 0 --> (012) (within terminal)
2 Eoviscaccia fras 0 --> (012) (within terminal)
2 Scleromys prae cu 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Sciamys principa 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Trichomys 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 bi pl 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)
Hsearch_Consensus.out

2 Mesocapromys/ Mys 0 -> (012) (within terminal)
2 Xenodontomys sim 0 -> (012) (within terminal)
2 Ctenomys bolivie 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 Abr ocoma bennett 0 -> (012) (within terminal)
2 Adelphomys candi 2 -> (012) (within terminal)
2 node_189 2 == 0 Pampamys emmons a
1 node_193 1 == 0 Sal lamys pascu al
1 Mayomys conflu en 1 -> (12) (within terminal)
1 node_201 0 -> 1 node_200
2 Shap ajamys laboc 1 -> (012) (within terminal)
2 Eobranisamys rom 1 -> (012) (within terminal)
2 Pozomy s uca yal i e 0 -> (012) (within terminal)
2 Tarapotomys suba 0 -> (012) (within terminal)
2 Cachiyacuy kumme 0 -> (012) (within terminal)
2 Thryonomys swind 0 -> (012) (within terminal)
1 Paraphiomys pigo 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 Reithropar aymys d 0 -> (01) (within terminal)
1 Birbal omy s son da 0 -> (01) (within terminal)
1 Tamqua amys dispi 0 -> (01) (within terminal)
1 Chapatt i my s wils 0 -> (01) (within terminal)
1 node_212 0 == 1 node_120
1 Hodsam bi a azrae 1 -> (01) (within terminal)
1 node_209 0 == 1 node_207
1 Phiom ys hammudai 1 -> (01) (within terminal)
1 Eoespina woodi-E 1 -> (01) (within terminal)
1 Cana anmys maqui 1 -> (01) (within terminal)
1 Pro tostei romys m 1 -> (01) (within terminal)
1 Eostei romys hom o 1 -> (01) (within terminal)
1 Bran isamyops is a 1 -> (01) (within terminal)
1 Neostei romys pat 1 -> (01) (within terminal)
1 Erethi zon dorsat 1 -> (01) (within terminal)
1 Coendou prehensi 1 -> (01) (within terminal)
1 Chaetomys subspi 1 -> (01) (within terminal)
1 Palaeostei romys 1 -> (01) (within terminal)
1 node_141 1 == 0 node_140
1 Australoprocta f 0 -> (01) (within terminal)
1 Aster omy s punctu 0 -> (01) (within terminal)
1 Dolichotis patag 0 -> (01) (within terminal)
1 Hydrochoerus hyd 0 -> (01) (within terminal)
1 Cavia aper ea 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 Dasyprocta 0 -> (01) (within terminal)
1 Cuniculus paca-t 0 -> (01) (within terminal)

97 (Anterior arm o) 0.375
Hsearch_Consensus.out

1  Octodon degus 1 --> (01) (within terminal)
1  Spalacopus cyanus 1 --> (01) (within terminal)
1  Abrocoma bennett 1 --> (01) (within terminal)
1  Adelphomys candi 1 --> (01) (within terminal)
1  Prostichomys bowie 1 --> (01) (within terminal)
1  Stichomys regula 1 --> (01) (within terminal)
1  Dudumus ruigomez 1 --> (01) (within terminal)
1  Pammams emmonsii 1 --> (01) (within terminal)
1  Cavio cricetus lu 1 --> (01) (within terminal)
1  Pleistacarchi mys 1 --> (01) (within terminal)
1  Sallamys pascual 1 --> (01) (within terminal)
1  Mayomys confluent 1 --> (01) (within terminal)
1  node_197 1 ==> 0 Eosallamys paula
1  Shapajamys laboc 1 --> (01) (within terminal)
1  Eobranismys rom 1 --> (01) (within terminal)
1  Pozomys ucaiyale 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 wind 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (01) (within terminal)
1  Reithroparamys d 0 --> (01) (within terminal)
1  Tamquammys misled 0 --> (01) (within terminal)
1  Chapatti mys wills 0 --> (01) (within terminal)
1  node_214 0 --> 1 node_213
1  Ottomania proavi 1 --> (01) (within terminal)
1  Phiomys hammudai 1 --> (01) (within terminal)
1  Canaahmys maqui 1 --> (01) (within terminal)
1  Protosteiromys m 1 --> (01) (within terminal)
1  Eosteiromys homo 1 --> (01) (within terminal)
1  Branismysopsis a 1 --> (01) (within terminal)
1  Neosteiromys pat 1 --> (01) (within terminal)
1  Erethizon dorsat 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 australis 1 --> (01) (within terminal)
1  Cuniculus paca-t 1 --> (01) (within terminal)
1  Eoincamys pascual 1 --> (01) (within terminal)
1  node_142 1 ==> 0 Microscleromys p
1  Scleromys angust 1 --> (01) (within terminal)
1  Drytomomys aequa 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Neoepeiblemambr 1 --> (01) (within terminal)
1  Chinchilla lilinig 1 --> (01) (within terminal)
1  Lagidium viscaci 1 --> (01) (within terminal)
1  Lagostomus maxim 1 --> (01) (within terminal)
1  Scleromys osborn 1 --> (01) (within terminal)
1  Garridomys curru 1 --> (01) (within terminal)
1  Eoiviscaccia fras 1 --> (01) (within terminal)
1  Scleromys preceu 1 --> (01) (within terminal)
1  Eoincamys parvus 1 --> (01) (within terminal)
1  Chambiramy 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  Leucokephals ze 1 --> (01) (within terminal)
1  Platypittamys br 1 --> (01) (within terminal)
1  Deseadomys aramb 1 --> (01) (within terminal)
1  Sciameys principa 1 --> (01) (within terminal)
1  Willidewu estepa 1 --> (01) (within terminal)
1  Maruchito triolo 1 --> (01) (within terminal)
1  Thrichomys aper 1 --> (01) (within terminal)
1  Protadelphomy s 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bili 1 --> (01) (within terminal)
1 Pithanomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Brocoma benett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Eobraniomy 1 --> (01) (within terminal)
1 Pozomys uca yali e 1 --> (01) (within terminal)
1 Cachi yacu kumme 1 --> (01) (within terminal)
1 node_208 1 ==> 0 Thyronomys wind
1 Archey pomys 1 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachi yacu conta 1 --> (01) (within terminal)
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaani mys maqui 1 --> (01) (within terminal)
1 Protosteir omy 1 --> (01) (within terminal)
1 Eosteir omy 1 --> (01) (within terminal)
1 Neostiromys 1 --> (01) (within terminal)
1 Erethiz on dorsi 1 --> (01) (within terminal)
1 Steir omy detent 1 --> (01) (within terminal)
1 Chaet omy subspi 1 --> (01) (within terminal)
1 Palaeosteir omy 1 --> (01) (within terminal)
1 Aust raloprocta 1 --> (01) (within terminal)
1 Luautus propheti 1 --> (01) (within terminal)
1 Aster omy punctu 1 --> (01) (within terminal)
1 Dolich omy patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimmys intermed 1 --> (01) (within terminal)
1 Neoreomy austra 1 --> (01) (within terminal)
1 Cuniculus pacat 1 --> (01) (within terminal)
1 Eoincamys pasca 1 --> (01) (within terminal)
1 node_142 1 ==> 0 Microscleromys p
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neopilema abram 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garrisomys curru 1 --> (01) (within terminal)
1 Eoviscacclia fras 1 --> (01) (within terminal)
1 Scleromys prae cu 1 --> (01) (within terminal)
1 Eoinca mys parvus 1 --> (01) (within terminal)
1 Chambiramy sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys vera 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinu 1 --> (01) (within terminal)
1 Sciaymys principa 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 node_192 1 ==> 0 node_191
1 node_188 0 --> 1 node_187
1 Prospaniomys pribi 1 --> (01) (within terminal)
1 Spanomys ripari 1 --> (01) (within terminal)

100 (Mesoloph on D) 0.429

Pge p
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1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trifol 1 --> (01) (within terminal)
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1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomatomy 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
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1 Ctenomys bolivie 1 --> (01) (within terminal)
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1 Pithanatomy col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
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1 Adelphomys candi 1 --> (01) (within terminal)
1 Pampamy emmons 0 --> (01) (within terminal)
1 node_196 1 == 0 Mayomys confluen
1 Eobranisamy rom 1 --> (01) (within terminal)
1 Pozomys ucaalie 1 --> (01) (within terminal)
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1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiayacuy kumme 1 --> (01) (within terminal)
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1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomy sonda 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 Ottomaniap roxeniala 0 --> (01) (within terminal)
1 Bugtimeys zaful 0 --> (01) (within terminal)
1 Hodshiba azrae 0 --> (01) (within terminal)
1 Waslami atti 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiayacuy conta 0 --> (01) (within terminal)
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1 Canna my maqui 0 --> (01) (within terminal)
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1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyps psas 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
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1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)

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101 (Length of the) 1.000
Hsearch_Consensus.out
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1 Cuniculus paca-t 1 --> (01) (within terminal)
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1 Scleromys praec 0 --> (01) (within terminal)
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1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghe 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
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1 Tarapotomys suba 1 --> (01) (within terminal)
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1 node_208 1 --> 0 Thyronomys swind
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1 Cocomyssigchaen 1 --> (01) (within terminal)
1 Reithroparamys 1 --> (01) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Tamquammys disp 1 --> (01) (within terminal)

104 (Length of the) 1.000
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Hsearch_Consensus.out

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108 (Connection of) 1.000
**Hsearch Consensus.out**

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110 (Tendency prot) 0.667
Hsearch Consensus.out

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1 Australoprocta f 0 --> (01) (within terminal)
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1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomys austriacus 0 --> (01) (within terminal)
1 Cuniculus paca-tou 0 --> (01) (within terminal)
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111 (Mecacone on D) 0.167
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2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
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2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
2 Neoepiblema ambr 1 --> (012) (within terminal)
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2 Lagidium viscaci 1 --> (012) (within terminal)
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2 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys currn 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
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2 Scleromys praecl 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

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2 Thrichomys apere 2 --> (012) (within terminal)
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2 Plesiacarechimys 2 --> (012) (within terminal)
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Pge p
Hsearch Consensus.out
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1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)

115 (Metaloph on D) 0.667
Hsearch_Consensus.out
1 Maruchito_trilof 0 --> (01) (within terminal)
1 Protadelphomyssilm 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomyssim 0 --> (01) (within terminal)
1 Ctenomyssbolivi 0 --> (01) (within terminal)
1 Neophanomysbiplo 0 --> (01) (within terminal)
1 Pithanomyscol 0 --> (01) (within terminal)
1 Octodondegus 0 --> (01) (within terminal)
1 Spalacopuscyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomysscandi 0 --> (01) (within terminal)
1 Eobranisamysrom 0 --> (01) (within terminal)
1 Pozomyssucayalile 0 --> (01) (within terminal)
1 Cachiya cuykumme 0 --> (01) (within terminal)
1 Thryonomyswind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Archetypomysserl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mss d i s p i 0 --> (01) (within terminal)
1 Chapatti m ysw i s s 0 --> (01) (within terminal)
1 Phiom yshammudai 0 --> (01) (within terminal)
1 Cachiya cuyconta 0 --> (01) (within terminal)
1 Canna ahmys maqui 0 --> (01) (within terminal)
1 Palaeosteirmomys 1 --> (01) (within terminal)
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1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromyspuncu 1 --> (01) (within terminal)
1 Dolichotisp atag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper e a 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimysintermed 1 --> (01) (within terminal)
1 Neoreomys aust ra 1 --> (01) (within terminal)
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1 Cuniculus pacat 1 --> (01) (within terminal)
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1 Eoincamys pascua 0 --> (01) (within terminal)
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1 Scleromyssanguist 0 --> (01) (within terminal)
1 Drytomyssmae aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
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1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vis caci 0 --> (01) (within terminal)
1 Lagostomus max i m 0 --> (01) (within terminal)
1 Scleromyssosborn 0 --> (01) (within terminal)
1 Garridomyss curr u 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Sc ler omysspra ecu 0 --> (01) (within terminal)
1 Chambramysship 0 --> (01) (within terminal)
1 Chambramysship 0 --> (01) (within terminal)
1 Chambramysship 0 --> (01) (within terminal)
1 Eoincamyspar vus 0 --> (01) (within terminal)
1 Eoincamyspar vus 0 --> (01) (within terminal)
1 Eoincamysvalv 0 --> (01) (within terminal)
1 Eoincamysameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucoskephas Zeus 0 --> (01) (within terminal)
1 Platypittamys b r 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)

117 (Lingual spur ) 0.667
Hsearch_Consensus.out

1 Lagidium viscaci 1 --> (01) (within terminal)
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1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramyship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramyssylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Dracoconyx verai 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Platyptilamys br 1 --> (01) (within terminal)
1 Desesamomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sciames pricipa 1 --> (01) (within terminal)
1 Gilaleomys euryg 1 --> (01) (within terminal)
1 Willi dewu estega 1 --> (01) (within terminal)
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1 Spaniomy s ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchi to trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echinomys chrysuru 1 --> (01) (within terminal)
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1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spal acopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prost ichomy s bow 1 --> (01) (within terminal)
1 Stichomy s regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamy s emmons 1 --> (01) (within terminal)
1 Caviocricotetus lu 1 --> (01) (within terminal)
1 Plesiaacarechimys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eobrani samys rom 1 --> (01) (within terminal)
1 Pozombys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiyacuy 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 Buginmys zafarul 0 --> (012) (within terminal)
1 Hodsahibia azrae 0 --> (012) (within terminal)
1 node_211 0 --> 1 node_210
2 Phiomys hammu 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)

120 (*Size of M1/M) 0.125

Pge p
Hsearch_Consensus.out
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)
1 node_124 1 --> 0 node_123
2 Branisamyopsis a 0 --> (012) (within terminal)
1 node_127 1 --> 2 node_129
2 Hypsosteiromys a 2 --> (012) (within terminal)
2 Palaeosteiromys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_139 1 ==> 0 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)
1 node_144 1 ==> 0 Potamarchus muri
2 Scleromys osborn 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praece 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokephalos ze 1 --> (012) (within terminal)
1 node_163 1 ==> 0 Platypittamys br
2 Galileomys euryg 1 --> (012) (within terminal)
1 node_167 1 ==> 0 Williedewu estepa
1 node_169 1 ==> 0 node_168
2 Maruchito trilof 1 --> (012) (within terminal)
1 node_174 1 ==> 0 Protadelphomys l
2 Neophanomys bipl 1 --> (012) (within terminal)
1 node_185 1 ==> 0 Adelphomys candi
2 Dudumus ruigomez 1 --> (012) (within terminal)
1 node_191 1 ==> 0 Plesiacarechimys
2 Mayomyx confuen 1 --> (012) (within terminal)
1 node_197 1 ==> 0 Eosallamys paula
1 node_201 1 --> 0 node_200
2 Shapajamyx laboc 0 --> (012) (within terminal)
2 Eobranisamys jav 0 --> (012) (within terminal)

Hsearch_Conсенsus.out
2 Eoviscaccia fra 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
1 node_194 1 --> 2 node_162
2 Leucokephalošze 2 --> (012) (within 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) (within terminal)
1 node_190 0 --> 1 node_189
2 Maruchito trílof 1 --> (012) (within terminal)
1 node_171 1 ==> 0 Thricomys apere
1 node_174 1 ==> 0 Protadelphomys
1 node_177 1 ==> 0 Ctenomys bolivi e
2 Neophanomys bìpl 1 --> (012) (within terminal)
1 node_180 1 --> 0 node_179
2 Pit hano tomomys col 0 --> (012) (within terminal)
1 Spalacopus cyanu 1 --> (12) (within terminal)
1 node_183 1 --> 2 Abrocoma bennett
1 node_186 1 --> 0 node_185
1 node_184 0 --> 1 Stichomys regul a
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Plesi acarechimys 0 --> (012) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)
2 Shapajamys laboc 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 terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Baluchi m ys b arry 1 --> (012) (within terminal)
1 node_213 0 ==> 1 node_212
1 node_210 1 ==> 0 node_209
1 node_121 0 ==> 1 Eoespína woodi - E
1 node_205 0 ==> 1 node_204
1 node_127 1 --> 0 node_126
1 node_125 0 --> 1 Coenbou prehensi
1 Australoprocta f 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 node_134 1 ==> 0 Peri mys inter med
1 Neoreomys auśtra 1 --> (01) (within terminal)

122 (M1 length/wid) 0.071

Pge p
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<tr>
<td>node_165</td>
<td>0 ==&gt; 1 node_164</td>
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<tr>
<td>node_192</td>
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<td>node_125</td>
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<td>1 ==&gt; 0 Lagostomus maxim</td>
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<tr>
<td>node_164</td>
<td>0 ==&gt; 1 node_163</td>
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<tr>
<td>node_125</td>
<td>0 ==&gt; 1 Coendou prehensil</td>
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<tr>
<td>node_147</td>
<td>1 ==&gt; 0 Lagostomus maxim</td>
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<td>node_164</td>
<td>0 ==&gt; 1 node_163</td>
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<tr>
<td>node_164</td>
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123 (M2 length/wid) 0.154

124 (Labial perici) 1.000

125 (Parastyle on) 0.842
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<th>Species</th>
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<th>Hsearch Consensus.out</th>
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<tr>
<td>Stichomys regulus</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Dudumus ruigomez</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Pampamys emmonsii</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Caviocrictetus lucifer</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Plesiacarechimys</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Shapajasmys labocotenus</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Eobraniomys romanus</td>
<td>(01)</td>
<td>(within terminal)</td>
</tr>
</tbody>
</table>
Hsearch Consensus.out

1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomyys wind 1 --> (01) (within terminal)
1 Paraphiomys plgo 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchi mys barry 1 --> (01) (within terminal)

127 (Anterostyle o) 0.333
1 node_219 0 ===> 1 Archetypomys erl
1 node_216 0 ===> 1 Tamquammys dispi
1 node_213 0 ===> 1 Ottomania proavi

1 Asteromyys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neocremmys austro 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Scleromyss quadra 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Dryptomys aequa 0 --> (01) (within terminal)
1 Patamarchus muri 0 --> (01) (within terminal)
1 Dinyms breciiki 0 --> (01) (within terminal)
1 Neuroplasma ambr 0 --> (01) (within terminal)
1 Cimichilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)
1 Garridomys cernu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromyss praeu 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Myocastor coupus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys chrysuri 0 --> (01) (within terminal)
1 Makalata dideph 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 Pitathanomys 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 Prostichomyss bow 0 --> (01) (within terminal)
1 Stichomyss regula 0 --> (01) (within terminal)

128 (*Anterocingul) 0.750
1 Ottomania proavi 1 --> (01) (within terminal)
1 node_210 1 ===> 2 node_209
1 node_207 2 ===> 1 Phiomys hammu dai
2 Asteromyss punctu 2 --> (012) (within terminal)
2 Dolichotis patag 2 --> (012) (within terminal)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia apera 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
1  Neoreomys australis 1 -> (01) (within terminal)
1  Brani samys lurib 1 -> (01) (within terminal)
1  Dasyprocta 1 -> (01) (within terminal)
1  Cuniculus pacai 1 -> (01) (within terminal)
1  Eoincymys pasca 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 aquea 1 -> (01) (within terminal)
1  Potamarchus muri 1 -> (01) (within terminal)
1  Dinomys branicki 1 -> (01) (within terminal)
1  Neoepiblema am br 1 -> (01) (within terminal)
1  Chinche lla lanig 1 -> (01) (within terminal)
1  Lagidium viscaci 1 -> (01) (within terminal)
1  Lagostomus maxim 1 -> (01) (within terminal)
1  Scleromys osborn 1 -> (01) (within terminal)
1  Garridomys curnu 1 -> (01) (within terminal)
1  Eoviscaccia fras 1 -> (01) (within terminal)
1  Eoviscaccia aust 1 -> (01) (within terminal)
1  Scleromys praece 1 -> (01) (within terminal)
1  Chambiramyship 1 -> (01) (within terminal)
1  Chambiramyship sylvi 1 -> (01) (within terminal)
1  Eoincymys ameghi 1 -> (01) (within terminal)
1  Draconomys verai 1 -> (01) (within terminal)
1  Leucokphantos ze 1 -> (01) (within terminal)
1  Platypittamys br 1 -> (01) (within terminal)
1  Desematomyms aramb 1 -> (01) (within terminal)
1  Acaremys murinus 1 -> (01) (within terminal)
1  Scianmys principa 1 -> (01) (within terminal)
1  Galileomys eu 1 -> (01) (within terminal)
1  Willi daw estepa 1 -> (01) (within terminal)
1  Prospaniomyms pri 1 -> (01) (within terminal)
1  Spaniomyms ripari 1 -> (01) (within terminal)
1  Myocastor cuypus 1 -> (01) (within terminal)
1  Proechimys cuvio 1 -> (01) (within terminal)
1  Maruchitos trillof 1 -> (01) (within terminal)
1  Thrichomymys ape 1 -> (01) (within terminal)
1  Echymys chrysru 1 -> (01) (within terminal)
1  Makalatadidelph 1 -> (01) (within terminal)
1  Protadelphomys 1 -> (01) (within terminal)
1  Euryzygymatomyms 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  Neophasano 1 -> (01) (within terminal)
1  Pithanomys col 1 -> (01) (within terminal)
1  Octodon degus 1 -> (01) (within terminal)
1  Spalacopus cyanu 1 -> (01) (within terminal)
1  Abrocoma benett 1 -> (01) (within terminal)
1  Adel philomys candi 1 -> (01) (within terminal)
1  Prostichomys bow 1 -> (01) (within terminal)
1  Stichomys regula 1 -> (01) (within terminal)
1  Dudumus rigome 1 -> (01) (within terminal)
1  Pammomys emmna 1 -> (01) (within terminal)
1  Cavicollicetus lu 1 -> (01) (within terminal)
1  Plesiacarechimys 1 -> (01) (within terminal)
1  Sallamys pascual 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  Pozomys ucal 1 -> (01) (within terminal)
1  Tarapotomys suba 1 -> (01) (within terminal)
1  Cachi yacuy kumme 1 -> (01) (within terminal)
1  Thyronomys swind 1 -> (01) (within terminal)
1  Paraphiomys pigo 1 -> (01) (within terminal)
    node_215 0 -> 1 node_214
    node_213 1 -> 0 Ottomaniaproavi
    node_213 1 -> 2 node_212
135 (*Protocone) 0.500

Pge p
Hsearch_Consensus.out

138 (Outgrowth of) 0.500

1 node_219 1 --> 0 Archetypomys erl
1 node_213 1 --> 0 Ottomania proavi

139 (Length of the) 0.500

1 node_214 0 --> 1 node_213
1 Ottomania proavi 1 --> (01) (within terminal)

141 (Length of the) 0.500

1 node_214 0 --> (01) (within terminal)
1 node_120 1 --> 'Waslamys' attia

Hsearch_Consensus.out

1 Pozomys ucalalie 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 wind 0 --> (01) (within terminal)
1 Baluchimys bary

1 node_214 0 --> 1 node_215
1 node_215 0 --> 1 node_214

1 Phiomys hammi 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 node_126 0 --> 1 node_124
1 Eosoteir oms Homo 0 --> (01) (within terminal)
1 Neosoteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteir oms a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeoeteiromys 0 --> (01) (within terminal)
1 Austra loprocta f 0 --> (01) (within terminal)
1 Luantus prophet i 0 --> (01) (within terminal)
1 Aster oms punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomy s austra 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus paca 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys qua dr 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 Neoteiromys 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 Eovi scacia fra s 0 --> (01) (within terminal)
1 Eovi scacia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eoincamys valv e 0 --> (01) (within terminal)
1 Daconymys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acanthomys murinus 0 --> (01) (within terminal)
1 Salamys principa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 node_188 0 --> 1 node_187

Pge p
Hsearch_Consensus.out

1. Spalacopus cyanus 1 --> (01) (within terminal)
1. Abrocoma bennett 1 --> (01) (within terminal)
1. Adelphomyx candid 1 --> (01) (within terminal)
1. Prostichomys bow 1 --> (01) (within terminal)
1. Stichomyx regula 1 --> (01) (within terminal)
1. Pampamys communis 0 --> (01) (within terminal)
1. Cavicriquetus lu 0 --> (01) (within terminal)
1. Plesiacoarechi mys 0 --> (01) (within terminal)
1. Eosallamys paula 0 --> (01) (within terminal)
1. Pozomys ucalia 0 --> (01) (within terminal)
1. node_202 0 --> 1 Tarapotomys suba
1. Thryonomyx swind 0 --> (01) (within terminal)
1. Metaphiomys scha 0 --> (01) (within terminal)
1. Acritophiomys bo 0 --> (01) (within terminal)
1. node_217 0 --> 1 node_216
1. Chapati mys wil 1 --> (01) (within terminal)
1. Asteromyx punctu 1 --> (01) (within terminal)
1. Dolichotis patag 1 --> (01) (within terminal)
1. Hydrochoerus hyd 1 --> (01) (within terminal)
1. Cavia apera 1 --> (01) (within terminal)
1. Galea spixii 1 --> (01) (within terminal)
1. Lagostomus maxim 1 --> (01) (within terminal)
1. Eoviscacca fra 1 --> (01) (within terminal)
1. Leucokhepalos ze 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. Pithanomys 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. Archetypeomyx erl 1 --> (01) (within terminal)
1. Tamqua mymys dispi 1 --> (01) (within terminal)
1. Asteromyx punctu 1 --> (01) (within terminal)
1. Dolichotis patag 1 --> (01) (within terminal)
1. Hydrochoerus hyd 1 --> (01) (within terminal)
1. Cavia apera 1 --> (01) (within terminal)
1. Galea spixii 1 --> (01) (within terminal)
1. Lagostomus maxim 1 --> (01) (within terminal)
1. Eoviscacca fra 1 --> (01) (within terminal)
1. Leucokhepalos ze 1 --> (01) (within terminal)
1. node_174 0 --> 1 Eurzygomyatomyx
1. Xenodontomys sim 0 --> (01) (within terminal)
1. Ctenomys bolivi 0 --> (01) (within terminal)
1. Neophanomys bipl 0 --> (01) (within terminal)
1. Pithanomys 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_207 0 --> 1 node_206
1. Cachi yacuy conta 1 --> (01) (within terminal)
1. Eoespina woodi 1 --> (01) (within terminal)
1. node_141 0 --> 2 node_130
1. Branisamyopsis a 2 --> (01) (within terminal)
1. Erethizon dorsat 1 --> (01) (within terminal)
1. Coendou prehensi 2 --> (01) (within terminal)
1. Hypsosteiromyx a 2 --> (01) (within terminal)
1. node_129 2 --> 0 Chaetomys subsp
1. node_141 1 --> 0 node_140
2. Australaprocta f 0 --> (012) (within terminal)
1. Branisamyopsis lurib 0 --> (01) (within terminal)
1. Dasyprocta 0 --> (01) (within terminal)
1. Incamys bolivi 0 --> (01) (within terminal)
1. Lagidium visaci 1 --> (01) (within terminal)
1. node_152 1 --> 2 Garrido hyp s
1. Scleromys prae cu 1 --> (01) (within terminal)
1. Draconomyx vera 1 --> (01) (within terminal)
Hsearch_Consensus.out

2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Bransiamys lurib 2 --> (012) (within terminal)
2 node_140 2 --> 0 node_139
2 Dasypricta 0 --> (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 branicki 2 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoeiscaccia fras 2 --> (012) (within terminal)
2 Eoeiscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
1 Eoincamys valver 2 --> (12) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaemys murinus 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)

Pge p
<table>
<thead>
<tr>
<th>Name</th>
<th>Node</th>
<th>Length of the</th>
<th>Terminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2  Willidewu estepa</td>
<td>2</td>
<td>0.800</td>
<td></td>
</tr>
<tr>
<td>1  node_188</td>
<td>2</td>
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</tr>
<tr>
<td>2  Prospaniomys pri</td>
<td>1</td>
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<tr>
<td>1  node_176</td>
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</tr>
<tr>
<td>2  Spaniomys ripari</td>
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</tr>
<tr>
<td>2  Maruchito trilof</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2  Thrichomys apere</td>
<td>0</td>
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<td></td>
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<tr>
<td>2  Echimys chrysuru</td>
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<tr>
<td>2  Makalata didelph</td>
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<td>2  Eurzygomatomys</td>
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<tr>
<td>2  Mesocapromys/ Mys</td>
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<td>2  Xenodontomys sim</td>
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<td>2  Ctenomys bolivie</td>
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<td>2  Neophanomys bipl</td>
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<td>2  Spalacopus cyanu</td>
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<tr>
<td>2  Abrocoma bennett</td>
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<tr>
<td>2  Adelphomys candi</td>
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<td>2  Prostichomys bow</td>
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<td>2  Stichomys regula</td>
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<td>2  Pampamys emmons</td>
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<td>2  Eobranisamys rom</td>
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<td>2  Eobranisamys jav</td>
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<tr>
<td>2  Pozomys ucalie</td>
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<td>2  Tarapotomys suba</td>
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<td>1  Archetypomys erl</td>
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<td>1  Eoespina woodi - E</td>
<td>0</td>
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<td>1  Canaani my maqui</td>
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<td>1  Branisamyopsis</td>
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<td>1  Asteromys punctu</td>
<td>u</td>
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<td>1  Dolichotis patag</td>
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<td>1  Hydrochoerus hyd</td>
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<td>1  Cavia aperea</td>
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<td>1  Galea spixii</td>
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<td>1  Branisamy luri</td>
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<td>1  Eoincamys pascua</td>
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<td></td>
</tr>
<tr>
<td>1  Incamys bolivian</td>
<td>0</td>
<td></td>
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</tr>
</tbody>
</table>
Hsearch_Consensus.out

2 Neoepiblema 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 Garridomys curru 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 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)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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)
1
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucaialie 2 --> (012) (within terminal)
1 Paraphiomys pigo 2 --> (12) (within terminal)
1 Metaphiomys scha 2 --> (12) (within terminal)
1 Acritophiomys bo 2 --> (12) (within terminal)
1 Archetypomyms erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaaniys maqui 0 --> (01) (within terminal)
1
1 node_185 2 ==> 1 node_184
1 Prostichomys bow 1 --> (01) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucaialie 2 --> (012) (within terminal)
1 Paraphiomys pigo 2 --> (12) (within terminal)
1 Metaphiomys scha 2 --> (12) (within terminal)
1 Acritophiomys bo 2 --> (12) (within terminal)
1 Archetypomyms erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaaniys maqui 0 --> (01) (within terminal)
1
1 node_137 0 ==> 1 Australoprocta f
1 Asteromys punc 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
1 node_138 0 ==> 1 Branisamys lurib
1 Cuniculus pača-t 0 --> (01) (within terminal)
1 node_161 0 ==> 1 node_160
1 Microscleromys p 1 --> (01) (within terminal)
Pge p

151 (Lingual proto) 0.400
Hsearch_Consensus.out

1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 node_152 1 --> 0 node_151
1 Eoviscaccia tras 0 --> (01) (within terminal)
1 Scleromys praecc 1 --> (01) (within terminal)
1 Chambiramos ship 1 --> (01) (within terminal)
1 Chambiramos sylv 1 --> (01) (within terminal)
1 Leucokephalon 5 0 --> (01) (within terminal)
1 Deseadomys arramb 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 node_174 0 ==> 1 Protadelphomys
1 Xeodontomys simo 0 --> (01) (within terminal)
1 Chambiramos boliv 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys 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 Plesiasarechimys 0 --> (01) (within terminal)
1 node_200 0 --> 1 node_199
1 node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (within terminal)
152 (*Height of tree) 0.667
2 Tribosphenomys m 1 --> (012) (within terminal)
1 node_215 1 ==> 2 node_214
2 Canaaniy maqui 2 --> (12) (within terminal)
2 Branisamypsis a 2 --> (012) (within terminal)
2 Neosteiromy s pat 2 --> (012) (within terminal)
1 node_130 2 --> 1 node_129
2 Chaetomys usubspi 1 --> (012) (within terminal)
2 Australoproct a f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
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 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys aust 2 --> (012) (within terminal)
2 Branisamys lurib 2 --> (012) (within terminal)
2 Dasyprocta 2 --> (012) (within terminal)
2 Cuniculus paca-t 2 --> (012) (within terminal)
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Incamys bolivian 2 --> (012) (within terminal)
2 Microscleromys 2 --> (012) (within terminal)
2 Scleromys quadra 2 --> (012) (within terminal)

152 (*Height of tree) 0.667
Hsearch_Consensus.out
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 Neopiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Sciomyx principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomyx pri 2 --> (012) (within terminal)
2 node_173 2 --> 0 node_171
2 Splanomys ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Protadelphomyx l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
Page p
Hsearch_Consensus.out

2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 Caviocricetus lu 2 --> (012) (within terminal)
2 Plesiacearechiyms 2 --> (012) (within terminal)
1 Mayomys confluen 2 --> (12) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucalalie 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)

153 (Length of the) 0.667

1 Protosteiromys m
1 Tribosphenomys m
1 Canaani my maqui
1 node_128 0 ==> 1 Protosteiromys m
1 Branisamyopsis a 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 Branisamy s lurib 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_195 0 ==> 1 node_161
1 Eoincamys pascau 1 --> (01) (within terminal)
1 Incamys bolivi an 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepl blem a ambr 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eo vaisaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
Hsearch_Conсенsus.out

2 Scleromys osborn 2 --> (012) (within terminal)
2 Garridomys currnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
1 Mesocapromys/Mys 2 --> (12) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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)
1 node_185 2 ==> 1 node_184
1 Prostichomyx - bow 1 --> (01) (within terminal)
2 Plesiaacarechimys 2 --> (012) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
1 Metaphiomys scha 2 --> (12) (within terminal)
1 Acritophiomys bo 2 --> (12) (within terminal)
1 node_215 0 ==> 1 Chapatti - mys wil s
1 node_213 0 ==> 1 node_212
1 Bugtimys zafarrul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 'Wasl amy' attia 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_129 1 ==> 0 Chaetomys subspi
1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavila aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Cuniculus paca 1 --> (01) (within terminal)
1 Lagostomus maxm 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
155 (Mure on M1-2) 0.667
Hsearch_Consensus.out

2 Microscleromys p 2 --> (012) (within terminal)
2 Scleromys quadra 2 --> (012) (within terminal)
2 Scleromys angust 2 --> (012) (within terminal)
2 Drytomonmys aequa 2 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
2 Dinomys branicki 2 --> (012) (within terminal)
2 Neoeptilema 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 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 node_188 2 --> 0 node_187
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatoms 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 0 --> (012) (within terminal)
2 Neophanomys bpl 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)

Pge p
Hsearch_Consensus.out
1 Coendou prehensil 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteiumys a 1 --> (01) (within terminal)
1 Chaetomys subspil 1 --> (01) (within terminal)
1 Palaeosteiumys 1 --> (01) (within terminal)
1 Australoprocta 1 --> (01) (within terminal)
1 Luanteus 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 Cavilia aperrea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys aust 1 --> (01) (within terminal)
1 Branisamys lurib 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 bolivi 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 æquaa 1 --> (01) (within terminal)
1 Potamarthus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanigi 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys currnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys prae 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomyms 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 Sciambmys princa 1 --> (01) (within terminal)
1 Gallidomys euryg 1 --> (01) (within terminal)
1 Willi dew estepa 1 --> (01) (within terminal)
1 Prospanymys pri 1 --> (01) (within terminal)
1 Spaniomyms ripari 1 --> (01) (within terminal)
1 Myocastor cyp 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilo 1 --> (01) (within terminal)
1 Thrichomyms aper 1 --> (01) (within terminal)
1 Echimys chrysur 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Euryzygatomomys 1 --> (01) (within terminal)
1 Mesoscapromys/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 Pitxanthomys 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 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
Pge p
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<td>1 Dudumus ruigomez</td>
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163 (Metaconule po) 1.000
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<td>Archetypomys erl</td>
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2 Chinchilla lanig 1 --> (012) (within terminal)
2 Lagidium viscaci 1 --> (012) (within terminal)
2 Lagostomus maxim 1 --> (012) (within terminal)
2 Scleromys osborn 1 --> (012) (within terminal)
1 node_152 1 ==> 2 Garridomys curnu
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
1 node_193 1 ==> 2 node_192
1 Platypittamy br 2 --> (12) (within terminal)
1 Deseadomy aramb 2 --> (12) (within terminal)
1 Prospaniomys pri 2 --> (12) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
1 node_174 2 ==> 1 Protadelphomys
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 Thryonomys swind 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
1 node_207 0 ==> 1 node_206
2 Chaetomys subsp 1 --> (012) (within terminal)
2 Dolichotis patag 1 --> (012) (within terminal)
2 Hydrochoerus hyd 1 --> (012) (within terminal)
2 Cavia apera 1 --> (012) (within terminal)
2 Galea spixii 1 --> (012) (within terminal)
2 Perimys intermed 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)
2 Drytomomys aequa 1 --> (012) (within terminal)

167 (*Height of th) 0.750
Hsearch_Consensus.out

2 Baluchimys barry 0 --> (012) (within terminal)
1 Tribosphenomys m 0 --> (012) (within terminal)
1 node_207 0 ==> 1 node_206
1 Canaanmys magui 1 --> (01) (within terminal)
1 node_129 1 ==> 0 Chaetomys subspe
2 Dolichotis patai 1 --> (012) (within terminal)
2 Hydrochoerus hyd 1 --> (012) (within terminal)
2 Cavia apera 1 --> (012) (within terminal)
2 Galea spixii 1 --> (012) (within terminal)
2 Neopiblema 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 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Leucophealos ze 1 --> (012) (within terminal)
1 node_194 1 ==> 2 node_193
1 node_186 2 --> 1 node_183
1 node_174 1 ==> 0 Euryzygomatomy s
2 Mesopromys Mys 1 --> (012) (within terminal)
2 Xenodontomy s sim 1 --> (012) (within terminal)
2 Ctenomys bolivie 1 --> (012) (within terminal)
2 Neophanomys bipl 1 --> (012) (within terminal)
2 Pithanatomy s 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 emmansa
2 Thryonomy s wind 0 --> (012) (within terminal)
1 node_211 0 ==> 1 Acriloth omy s bo
2 Baluchimys barry 0 --> (012) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamqua myms disp 0 --> (01) (within terminal)
1 node_215 0 ==> 1 Chapatti myms wils
1 node_212 0 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azraei 1 --> (01) (within terminal)
1 Phiomys hammuda 0 --> (01) (within terminal)
1 node_123 0 ==> 1 Neosteiromy s pat
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 - Dasyprocta 0 --> (01) (within terminal)
1 Neoepiblema amb 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 Eoviscaccia fra 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Leucokephalo 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenedontomy s sim 0 --> (01) (within terminal)
1 Ctenomys bolivi e 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 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphimy s pig 0 --> (01) (within terminal)
1 Acritophomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomy s term a 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mym s disp 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Cachiya cu contra 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaani my s materna li 0 --> (01) (within terminal)
1 Protosteir omys m 0 --> (01) (within terminal)
1 Eosteir omys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Erethiz on dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steir omys detent 0 --> (01) (within terminal)
1 Hypsosteir omys a 0 --> (01) (within terminal)
1 Chaetomys subspli 0 --> (01) (within terminal)
1 Palaeosteir omys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hy drochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Gallanthi spixi 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomy s aust r a 0 --> (01) (within terminal)
1 Branisamy s lurib 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Eoincamys pascu a 0 --> (01) (within terminal)
1 Incamys bolivi a 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 amb 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
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1 Lagostomus maxi m 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garr idomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fra 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)

170 (Anterior conn) 1.000

Pge p
174 (Posterior arm) 0.391

1 Tribosphenomyms m 0 --> (01) (within terminal)
1 node_218 0 ==> 1 Cocomys ligchaen
1 Birbalomyms sonda 0 --> (01) (within terminal)
1 node_215 0 ==> 1 Chapattimys wils
1 node_212 1 --> 1 node_120
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodshahibia azrae 1 --> (01) (within terminal)
1 Phiomys hammundai 0 --> (01) (within terminal)
1 node_206 0 --> 1 node_205
1 Cachiyaucuy conti 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 Protosteirimys m 0 --> (01) (within terminal)
1 node_124 0 ==> 1 node_123
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1 Hypsosteirimys a 0 --> (01) (within terminal)
1 Chaeotomys subsp 0 --> (01) (within terminal)
1 Palaeosteirimys 0 --> (01) (within terminal)
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1 Cavia aperae 0 --> (01) (within terminal)
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1 node_138 0 ==> 1 Branisamys lurib
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1 node_156 1 ==> 0 Eoincamys pascua
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1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoequipilamoa ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
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1 Scleromyms osborn 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromyms praecu 1 --> (01) (within terminal)
1 node_158 1 ==> 0 Eoincamys parvus
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1 node_173 0 --> 1 node_172
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1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomyms sim 0 --> (01) (within terminal)
1 Ctenomyms bolivi 0 --> (01) (within terminal)
1 Neophanomyms bipl 0 --> (01) (within terminal)
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1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyms candi 0 --> (01) (within terminal)
1 Protichomyms bow 0 --> (01) (within terminal)

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Hsearch_Consensus.out
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudunus ruigomez 0 --> (01) (within terminal)
1 Pampanamy emmonsia 0 --> (01) (within terminal)
1 Cavictricetus iu 0 --> (01) (within terminal)
1 Plesiacaarechimys 0 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 node_200 1 --> 0 node_199
1 Pozomy ucaaliele 1 --> (01) (within terminal)
1 node_202 1 --> 0 Tarapotomys suba
1 Thrionymys swind 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
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1 Dolichotis patag 1 --> (01) (within terminal)
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1 node_157 1 --> 0 Chambiramys ship
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1 Xenodontomys sim 1 --> (01) (within terminal)
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1 node_208 1 --> 0 Thrionymys swind
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1 node_214 0 --> 1 node_213
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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 Dasyprocta 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Sceleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 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 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 Plesiacaarechimys 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_208 1 --> 0 Thrionymys swind
1 node_215 0 --> 1 node_214
Hsearch_Consensus.out

1  Cachiyacuy conta 1 --> (01) (within terminal)
1  Eosteiromys homo 1 --> (01) (within terminal)
1  Neosteiromys pat 1 --> (01) (within terminal)
1  Erethizon dorsat 1 --> (01) (within terminal)
1  Steiromys detent 1 --> (01) (within terminal)
1  Chaetomys subspii 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 aperae 1 --> (01) (within terminal)
1  Galea spixii 1 --> (01) (within terminal)
1  Perimys intermed 1 --> (01) (within terminal)
1  Neoreomys aust 1 --> (01) (within terminal)
1  Dasyprocta 1 --> (01) (within terminal)
1  Cuniculus paraca-t 1 --> (01) (within terminal)
1  node_195 1 ==> 0 node_161
1  Incamys bolivian 0 --> (01) (within terminal)
1  Neoepiblem a 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  Eoviscaccia fras 0 --> (01) (within terminal)
1  Scleromys praecu 0 --> (01) (within terminal)
1  Eoincamys valver 0 --> (01) (within terminal)
1  Leucokcephalos ze 1 --> (01) (within terminal)
1  node_192 1 --> 0 node_167
1  node_166 0 --> 1 node_163
1  Deseadomys aramb 1 --> (01) (within terminal)
1  Galileomys euryg 0 --> (01) (within terminal)
1  Prospaniomys pri 1 --> (01) (within terminal)
1  Spaniomys ripari 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_176 1 --> 0 node_175
1  Euryzygomatomys 0 --> (01) (within terminal)
1  Mesocapromys/Mys 0 --> (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  Pitphanomys col 1 --> (01) (within terminal)
1  Octodon degus 1 --> (01) (within terminal)
1  Spalacopus cyan 1 --> (01) (within terminal)
1  Abrocoma bennett 1 --> (01) (within terminal)
1  Adelphomys candi 1 --> (01) (within terminal)
1  Prostichomys bow 1 --> (01) (within terminal)
1  Pampamys emmons 1 --> (01) (within terminal)
1  Dalilmy w 1 --> (01) (within terminal)
1  Eobranisamys rom 1 --> (01) (within terminal)
1  Tarapotomys suba 1 --> (01) (within terminal)
1  node_208 1 ==> 0 Thryonomyms swind
1  Archetypomys erl 0 --> (01) (within terminal)
1  Tribosphenomys m 0 --> (01) (within terminal)
1  node_214 0 --> 1 node_213
1  Cachi yacuy conta 1 --> (01) (within terminal)
1  Eoespina woodi-E 1 --> (01) (within terminal)
1  Canaani mys maqui 1 --> (01) (within terminal)
1  node_128 1 --> 0 Protosteiromys m
1  Eosteiromys hom 1 --> (01) (within terminal)
1  Neosteiromys pat 1 --> (01) (within terminal)
1  Erethizon dorsat 1 --> (01) (within terminal)
1  Coendou prhaps 1 --> (01) (within terminal)
1  Steiromys detent 1 --> (01) (within terminal)
1  Hypsosteioromys a 1 --> (01) (within terminal)
1  Chaetomys subspii 1 --> (01) (within terminal)
1  Palaeosteiromys 1 --> (01) (within terminal)
1  Luantus propheti 1 --> (01) (within terminal)

Pge p

178 {Mesolophule o} 0.583
1 'Was$lamys' attia 1 --> (12) (within terminal)
1 node_209 1 ==> 0 node_207
2 Canaanmys maqui 0 --> (012) (within terminal)
1 node_201 0 --> 1 node_198
1 node_126 1 --> 0 node_124
2 Eosteiromys Homo 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
2 Erethizon dorsat 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
1 node_130 1 --> 0 node_129
2 Chaetomys subspi 0 --> (012) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
2 Dolichotis patag 1 --> (012) (within terminal)
2 Hydrochoerus hyd 1 --> (012) (within terminal)
2 Cavia aperea 1 --> (012) (within terminal)
2 Galea spixii 1 --> (012) (within terminal)
2 Perimys intermed 1 --> (012) (within terminal)
2 Neoreomys austral 1 --> (012) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 node_196 1 --> 0 node_195
2 Eoincamys pa$cu 0 --> (012) (within terminal)
2 Microscleromys p 0 --> (012) (within terminal)
2 Scleromys quadra 0 --> (012) (within terminal)
2 Schleromys angust 0 --> (012) (within terminal)
2 Drytomomys aequa 0 --> (012) (within terminal)
2 Potamarchus muri 0 --> (012) (within terminal)
2 Dinomys branicki 0 --> (012) (within terminal)
2 Neopeibloma 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 Schleromys osborn 0 --> (012) (within terminal)
2 Garridomys curnu 0 --> (012) (within terminal)
2 Evoiscaccia fras 0 --> (012) (within terminal)
2 Evoiscaccia aust 0 --> (012) (within terminal)

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Hsearch_Consensus.out

2 Scleromys praecu 0 --> (012) (within terminal)
2 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys sylv 0 --> (012) (within terminal)
1 node_194 0 --> 1 node_162
2 Leucokcephalos ze 1 --> (012) (within terminal)
1 node_167 0 --> 1 node_166
2 Deseadomys aramb 1 --> (012) (within terminal)
2 Acaremys murinus 1 --> (012) (within terminal)
2 Sciams principa 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys aper 0 --> (012) (within terminal)
1 node_173 0 --> 1 node_172
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatomys 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xeondontomys 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 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 node_190 0 --> 2 Caviocricetus lu
2 Plesi a c a re chys 0 --> (012) (within terminal)
1 Mayomys confluen 1 --> (12) (within terminal)
1 Eosallamy s paula 1 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
Hsearch Consensus.out

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 aperae 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 Braniomys luri 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Garridomys curr 1 --> (01) (within terminal)
1 Evoiscaccia fras 1 --> (01) (within terminal)
1 Scleromys praeuc 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Ea noxmys parva 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Dracosmyomys verai 1 --> (01) (within terminal)
1 Leucokephatos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys muri nus 1 --> (01) (within terminal)
1 Scamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrys 1 --> (01) (within terminal)
1 Euryzgomatomys 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 bipl 1 --> (01) (within terminal)
1 Pithanomys col 1 --> (01) (within terminal)
1 Octodon degu 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Aderphomyms candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomyms regula 1 --> (01) (within terminal)
1 Dudumus ruei gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 node 190 1 --> Caviocricetus l u
1 Plesi aca rechimys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyms m 0 --> (01) (within terminal)
1 Cocomyms liganen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapattiomys wils 0 --> (01) (within terminal)

182 (*Length of th) 0.625
Hsearch_Consensus.out

1 Ottomania proavi 0 --> (012) (within terminal)
2 node_210 0 --> 1 node_120
3 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
1 node_210 0 --> 1 node_209
2 Eosteiromys homo 1 --> (012) (within terminal)
2 Neosteiromys pat 1 --> (012) (within terminal)
1 node_126 1 --> 0 node_125
2 Erethizon dorsat 0 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Chaetomys subsp 1 --> (012) (within terminal)
1 node_141 1 --> 0 Palaeosteiromys
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 Branisamys lurib 1 --> (01) (within terminal)
2 Dasyprocta 1 --> (012) (within terminal)
2 Cuniculus paca-t 1 --> (012) (within terminal)
2 Incamys bolivian 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 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
2 Leucokephalos ze 1 --> (012) (within terminal)
1 node_166 1 --> 0 node_163
2 Deseadomys aramb 0 --> (012) (within terminal)
1 node_166 1 --> 2 node_165
2 Galileomys euryg 2 --> (012) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Thrichomys aper 1 --> (012) (within terminal)
1 node_173 1 --> 0 node_172
2 Echimys chrys uru 0 --> (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 bolivi 1 --> (012) (within terminal)
2 Neophanomys b i pl 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)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmonsa 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 node_196 1 ==> 0 Mayomys conflu en
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Baluchimys bar ry 0 --> (012) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Cooper odou pr ehen si 1 --> (01) (within terminal)
1 Palaeoste iromys 1 --> (01) (within terminal)
1 Dasyp rocta 1 --> (01) (within terminal)
1 node_195 1 ==> 0 node_161
1 node_160 0 ==> 4 node_159
3 Incamys bolivian 4 --> (0124) (within terminal)
1 Micro scleromys p 4 --> (04) (within terminal)
1 node_143 4 ==> 0 Scleromys quadra
1 node_145 4 ==> 0 Dinomys branicki
1 Chambiramys sylv 4 --> (24) (within terminal)
1 Eoincamys valver 0 --> (03) (within terminal)
1 node_166 1 ==> 5 node_165
1 node_167 1 ==> 0 Willdewu estepa
1 node_176 1 --> 4 node_175
2 Sallamys pascual 1 --> (014) (within terminal)
1 Eobranisamy s rom 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)

183 (Lingual conne) 0.810

184 (Double lingua) 1.000
Hsearch Consensus.out

1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Xenodontomyssim 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 Archetypomysserl 1 --> (01) (within terminal)
1 Trisosphenomyssm 1 --> (01) (within terminal)
1 Cocomyssigchaen 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapattimys wil's 0 --> (01) (within terminal)
1 node_213 0 ==> 1 Ottomania proavi
1 Chaetomyssubspi 0 --> (01) (within terminal)
1 Asteromysspunctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavialberea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Xenodontomyssim 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 dispi 0 --> (01) (within terminal)
1 Chapattimys wil's 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 node_201 0 --> 1 node_198
1 node_141 1 --> 0 node_130
1 Branisamyops a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Chaetomyssubspi 0 --> (01) (within terminal)
1 node_137 1 --> 0 node_136
1 Asteromysspunctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavialberea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyss lurib 1 --> (01) (within terminal)
1 node_140 1 --> 0 node_139
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_148 1 --> 0 node_147
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Dacoekomys verai 1 --> (01) (within terminal)
1 Leucokephals 0 --> (01) (within terminal)
1 node_167 1 ==> 0 node_166

Pge p
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 Leucokcephalous ze 1 --> (01) (within terminal)
1 node_167 1 --> 0 Willidewu esepa
1 Spaniomyx 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
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Cronomys 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 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Plesiacarechimys 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 'Waslamys' attia 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 Palaeosteomys 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 Dasyprocta 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)

Pge p
Hsearch_Consensus.out

2 Potamarchus muri 1 --> (012) (within terminal)
2 Neoepiblema 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 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curru 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 Chambiramys ship 1 --> (012) (within terminal)
1 Eoincamys parvus 1 --> (012) (within terminal)
1 node_159 1 ==> 2 Chambiramys sylv
1 node_161 1 ==> 2 Eoincamys ameghi
2 Draconomyx 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 Acaremys murinus 1 --> (012) (within terminal)
2 Sciamys principa 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Spaniomys ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys aper 1 --> (012) (within terminal)
2 Echimys chrysru 1 --> (012) (within terminal)
2 Makalata didelph 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)
2 Neophanomys bipl 1 --> (012) (within terminal)
Hsearch_Consensus.out

1 node_198 1 ==> 2 node_197
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Microscaleromys 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 Neoepiblemma ambr 2 --> (012) (within terminal)
2 Chinchilla lani 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomy euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys aper 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Protadelphomy l 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Euryzygomaticys 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophasanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 regala 2 --> (012) (within terminal)
2 D cudumin rui gomez 2 --> (012) (within terminal)
2 Pampamys emmonsa 2 --> (012) (within terminal)
2 Caviocricetus lu 2 --> (012) (within terminal)
2 Plesiacarechimys 2 --> (012) (within terminal)
2 Sallamys pascual 2 --> (012) (within terminal)
2 Mayomys conflu 2 --> (012) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys uca 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)

204 (Anterior arm) 0.714
Hsearch_Consensus.out

1  Scleromys angust 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 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  Garridomys curru 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  Chambiramys ship 0 --> (01) (within terminal)
1  Eoincamys ameghi

1  node_161 1 ==> 0  Eoincamys ameghi
1  Platypittamys 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  Philodewu estepa 1 --> (01) (within terminal)
1  Prosopliomyx pri 1 --> (01) (within terminal)
1  Spaniomyx ripari 1 --> (01) (within terminal)
1  Myocastor coypus 1 --> (01) (within terminal)
1  Proechimyx cuviet 1 --> (01) (within terminal)
1  Maruchito trilof 1 --> (01) (within terminal)
1  Thrichomys aper 1 --> (01) (within terminal)
1  Echimy chryscuru 1 --> (01) (within terminal)
1  Makalata di delphi

205 (Thickness of ) 0.600

1  Protadelphomys 1 --> (01) (within terminal)
1  Euryzygomaticomys 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  Neophano mys bipl 1 --> (01) (within terminal)
1  Pithanatomys col 1 --> (01) (within terminal)
1  Octodon dehus 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  Prostichomys bow 1 --> (01) (within terminal)
1  Stichomys regula 1 --> (01) (within terminal)
1  Dudumus ruigomez 1 --> (01) (within terminal)
1  Pampamys emmonsa 1 --> (01) (within terminal)
1  Caviocrictus luctus 1 --> (01) (within terminal)
1  Plesiacar echi myx 1 --> (01) (within terminal)
1  Sallayms pascual 1 --> (01) (within terminal)
1  Tarapotomys suba 1 --> (01) (within terminal)
1  Thyrnomys swind 1 --> (01) (within terminal)
1  Archetylomy xys erl 0 --> (01) (within terminal)
1  Birbalomys sonda 0 --> (01) (within terminal)
1  node_215 0 ==> 1 node_214
1  Pheomys hammu dai 1 --> (01) (within terminal)
1  Eoespina woodi - E 1 --> (01) (within terminal)
1  Protoste rionmys m 1 --> (01) (within terminal)
1  Neoste rionmys pat 1 --> (01) (within terminal)
1  Steir myx detent 1 --> (01) (within terminal)
1  Hypsoste rionmys a 1 --> (01) (within terminal)
1  Chae tomys subspi 1 --> (01) (within terminal)
1  Palaeo ste rionmys 1 --> (01) (within terminal)
1  node_141 1 --> node_140
1  Australoprocesta f 0 --> (01) (within terminal)
1  Lu antus 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 aper 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1  Galea spixii 0 --> (01) (within terminal)
1  Perimys intermed 0 --> (01) (within terminal)
1  Neoreomys austri 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  Incamys bolivian 0 --> (01) (within terminal)
1  Microscleromys p 2 --> (01) (within terminal)
1  Scleromys quadra 1 --> (01) (within terminal)
1  Scleromys angust 1 --> (01) (within terminal)
1  Drytomomy s aequa 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Dinomys branicki 1 --> (01) (within terminal)
1  Neoepliema ambr 1 --> (01) (within terminal)
1  Chinchilla lani 1 --> (01) (within terminal)
1  Lagidium visc 1 --> (01) (within terminal)
1  Lagostomus maxim 1 --> (01) (within terminal)
1  Scleromys osborn 1 --> (01) (within terminal)
1  Garrido mys curru 1 --> (01) (within terminal)
1  Eo viscacia fras 1 --> (01) (within terminal)
1  Eo viscacia aust 1 --> (01) (within terminal)
1  Scleromys praecu 1 --> (01) (within terminal)
1  Chambiramy s ship 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  Leucopephalos ze 1 --> (01) (within terminal)
1  Platypittamys br 1 --> (01) (within terminal)
1  Desedamys aramb 1 --> (01) (within terminal)
1  Accremys murinus 1 --> (01) (within terminal)
1  Sciameys principa 1 --> (01) (within terminal)
1  Galileomys euryg 1 --> (01) (within terminal)
1  Willedewu estepa 1 --> (01) (within terminal)
1  Prospaniomys pri 1 --> (01) (within terminal)
1  Spaniomys ripari 1 --> (01) (within terminal)
1  Myocastor cuppus 1 --> (01) (within terminal)
1  Proechimys cuvie 1 --> (01) (within terminal)
1  Maruchito trilofo 1 --> (01) (within terminal)
1  Tri cromys apere 1 --> (01) (within terminal)
1  Echimys chrys u 1 --> (01) (within terminal)
1  Makalata didelph 1 --> (01) (within terminal)
1  Protadelphomys l 1 --> (01) (within terminal)
1  Euryzygomatomy s 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 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  Pro stichomys bow 1 --> (01) (within terminal)
1  Stichomys regula 1 --> (01) (within terminal)
1  Dudumus rui gomez 1 --> (01) (within terminal)
1  Pampamy s emmons 1 --> (01) (within terminal)
1  Caviocrictetus lu 1 --> (01) (within terminal)
1  Plesia acarechimys 1 --> (01) (within terminal)
1  Sallamys pascua 1 --> (01) (within terminal)
1  Eosallamys paula 1 --> (01) (within terminal)
1  Shapajamy s laboc
1  node_200 1 --> 0
1  node_204 1 --> 0
1  Texaratomys suba 0 --> (01) (within terminal)
1  Thryonomys swind 1 --> (01) (within terminal)
1  node_210 1 --> 0
1  node_215 0 --> 1
1  Ottomania pröavi 0 --> (01) (within terminal)

206 (Posterior iso) 0.462
Hsearch Consensus.out

1 Pam pamy s emmonsa 1 --> (01) (within terminal)
1 Caviocr icetus lu 1 --> (01) (within terminal)
1 Plesi aca rechymys 1 --> (01) (within terminal)
1 Sal lam y s pas cu al 1 --> (01) (within terminal)
1 Mayo m y s co nflu en 1 --> (01) (within terminal)
1 Shapa ja my s laboc 1 --> (01) (within terminal)
1 Poz omy s uc ayalie 1 --> (01) (within terminal)
1 Tar apo tomy s moy 0 --> (01) (within terminal)
1 Tarapot omy s suba 1 --> (01) (within terminal)
1 Archet y pomy s erl 0 --> (01) (within terminal)
1 Tribosphenom ys m 0 --> (01) (within terminal)
1 Coco my s lig chaen 0 --> (01) (within terminal)
1 Reith ropara my s d 0 --> (01) (within terminal)
1 Bir balomy s sonda 0 --> (01) (within terminal)
1 Tam quamm y s dis pi 0 --> (01) (within terminal)
1 Phio m y s hammudai 0 --> (01) (within terminal)
1 Cach iyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi -E 0 --> (01) (within terminal)
1 Protoste iromys m 0 --> (01) (within terminal)
1 Neo stei romys pat 0 --> (01) (within terminal)
1 E rath izon dorsat 0 --> (01) (within terminal)
1 Stei romys detent 0 --> (01) (within terminal)
1 Hypsoste iromys a 0 --> (01) (within terminal)
1 Cha etomy s subspi 0 --> (01) (within terminal)
1 Palaeo steiromys 0 --> (01) (within terminal)
1 Lu antus propheti 0 --> (01) (within terminal)
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavi a aper ena 0 --> (01) (within terminal)
1 Gale a spixii 0 --> (01) (within terminal)
1 Peri m ys int ermed 0 --> (01) (within terminal)
1 Neoreom ys aust ra 0 --> (01) (within terminal)
1 Branisamy s lurib 0 --> (01) (within terminal)
1 Dasyp rocta 0 --> (01) (within terminal)
1 Cuni culus paca-t 0 --> (01) (within terminal)
1 Eoinca my s pasca u 0 --> (01) (within terminal)
1 Micro scl eromy s p 0 --> (01) (within terminal)
1 Scleromy s quadra 0 --> (01) (within terminal)
1 Scleromy s angust 0 --> (01) (within terminal)
1 Drytom ys aequa 0 --> (01) (within terminal)
1 Pot amarchus mur i 0 --> (01) (within terminal)
1 Dinom ys branicki 0 --> (01) (within terminal)
1 Neoe pl bema ambr 0 --> (01) (within terminal)
1 Chins chi la lanig 0 --> (01) (within terminal)
1 Lagidium visi sca ci 0 --> (01) (within terminal)
1 Lagostom ys maxim 0 --> (01) (within terminal)
1 Sc lero mys osborn 0 --> (01) (within terminal)
1 Garr idom ys curnu 0 --> (01) (within terminal)
1 Eovi scaccia fras 0 --> (01) (within terminal)
1 Eovi scaccia aust 0 --> (01) (within terminal)
1 Scleromy s prae cu 0 --> (01) (within terminal)
1 Cham blia my s ship 0 --> (01) (within terminal)
1 Eoinca my s parvus 0 --> (01) (within terminal)
1 node_159 0 --> 1 Chambiamys sylv
1 node_161 0 --> 1 Eoincamys ameghi
1 Dracon omys verai 0 --> (01) (within terminal)
1 Leucok ephalos ze 0 --> (01) (within terminal)
1 Platypitt amys br 0 --> (01) (within terminal)
1 Dese adom ys aramb 0 --> (01) (within terminal)
1 Acar emys murinus 0 --> (01) (within terminal)
1 Sciam ys principal 0 --> (01) (within terminal)
1 Galileom ys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospanio myns pri 0 --> (01) (within terminal)
1 Spaniom ys ripari 0 --> (01) (within terminal)
1 Myocast omy s coypus 0 --> (01) (within terminal)
1 Proechim ys cuvie 0 --> (01) (within terminal)

207 (Posteroloph-m) 0.750
Hsearch_Consensus.out

1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrysura 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomatomys 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 candid 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pammapmys emmons 0 --> (01) (within terminal)
1 Caviocrictus lu 0 --> (01) (within terminal)
1 Plesiocaarechimys 0 --> (01) (within terminal)
1 Sallamy s pascua 0 --> (01) (within terminal)
1 Mayomys conflu 0 --> (01) (within terminal)
1 Eosallamy s paula 0 --> (01) (within terminal)
1 Pozomys ucali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiacykumme 0 --> (01) (within terminal)
1 node_208 0 --> 1 Thryonomys swind
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys er 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_218 0 --> 1 node_217
1 node_211 0 --> 0 Reithroparamys d
1 node_213 0 --> 0 Ottomania proavi
1 node_118 1 --> 0 node_117
1 node_213 1 --> 0 node_117
1 node_118 1 --> 0 node_117
1 node_130 0 --> 1 node_129
1 node_129 1 --> 0 node_130
1 node_141 0 --> 1 node_140
1 node_140 0 --> 1 node_141
1 node_142 0 --> 1 node_143
1 node_143 0 --> 1 node_142
1 node_148 0 --> 1 node_141
1 node_141 0 --> 1 node_140
1 node_154 1 --> 0 node_153
1 node_153 1 --> 0 node_154
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_129 1 --> 0 Chaetomys subsp
1 Luantus propheti 0 --> (01) (within terminal)
1 Astero mys punct 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 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 Eoincamys pascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Neoeqiblema amb 0 --> (01) (within terminal)
1 Chin chinilla lani g 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomus max 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eo viscaccia fras 0 --> (01) (within terminal)
1 Eo viscaccia aust 0 --> (01) (within terminal)
1 Scleromys prae 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)

Pge p

208 (Posterior iso) 0.100
Hsearch_Consensus.out

1 Leucokephalos ze 1 --> (01) (within terminal)
1 Platyptilmys br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sclamy s princi pa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spani omy s ripari 1 --> (01) (within terminal)
1 Myocastor coy pus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Marutchi to trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echiomys chrys uru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadel phomys 1 --> (01) (within terminal)
1 Euryzygomatomy s 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomy s 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 Abroco ma bennett 1 --> (01) (within terminal)
1 Adel phomys candi 1 --> (01) (within terminal)
1 Protadelp homys bow 1 --> (01) (within terminal)
1 Stichomy s regula 1 --> (01) (within terminal)
1 Dudumus ruig ome 1 --> (01) (within terminal)
1 Pampamys emmons a 1 --> (01) (within terminal)
1 Caviocricet u 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamy s pascual 1 --> (01) (within terminal)
1 node_196 1 == 0 Mayomys confluen
1 Pozomys ucayali e 1 --> (01) (within terminal)
1 Tarapatomys mayo 1 --> (01) (within terminal)
1 Taraponomys suba 1 --> (01) (within terminal)
1 node_210 1 == 0 Metaphiomys scha
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomy s m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Branisamopsy s a 0 --> (01) (within terminal)
1 Neosteir pomys pat 0 --> (01) (within terminal)
1 Chaetomy s subsp 0 --> (01) (within terminal)
1 Palaeosteirromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichotis pata g 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galeaspi xii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomy s austra 0 --> (01) (within terminal)
1 Branisamys lurib 0 --> (01) (within terminal)
1 Dasyproct a 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_196 0 == 1 node_196
1 node_161 1 --> 0 node_160
1 Eoincaymus pascua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromy s quadr 0 --> (01) (within terminal)
1 Scleromy s angust 0 --> (01) (within terminal)
1 Drytomyos aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)

209 (Posteroloph-m) 0.333
Hsearch_Consensus.out
1 Lagidium viscacl 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru 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 Chambiramy ship 0 --> (01) (within terminal)
1 Draconyomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamus br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acarenmys murinus 0 --> (01) (within terminal)
1 Scleromys prinicpa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willi dew estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor cyopus 0 --> (01) (within terminal)
1 Proechi mycus cuv 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thri chomys aper 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygatomomys 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 Adelphomyx candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus tuige 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Plesi acarechi my 0 --> (01) (within terminal)
1 Sallamyx pascua 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thyronomyx wind 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cachiya cuy con 0 --> (01) (within terminal)
1 Eoespina woode E 0 --> (01) (within terminal)
1 node_127 == 1 Steiromys detent
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 node_136 == 1 node_135
1 Asteromys punct 1 --> (01) (within terminal)
1 Ditrichomys patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 node_197 == 1 node_196
1 node_161 == 0 node_160
1 node_159 == 1 node_158
1 Incamys bolivi 1 --> (01) (within terminal)
1 node_148 == 0 node_145
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Draconyomys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Proechi mycus cuv 1 --> (01) (within terminal)
1 Protadelphomys l 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)

211 (Metaloph on M) 0.647
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Consensus Score</th>
<th>Node Information</th>
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<tr>
<td>Wi'llidewu estepa</td>
<td>(01) within terminal</td>
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<tr>
<td>Prospaniomys pri</td>
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<td>Spaniomys ripari</td>
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<td>Myocastor cuppus</td>
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<td>Maruchito trilof</td>
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<td>Thrichomys aperif</td>
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<td>Makalata didelphe</td>
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<td>Protadelophmys</td>
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<td>Euryzygomatmys</td>
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<td>Mesocapromys</td>
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<td>Xenodontomyx sim</td>
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<td>Ctenomys bolivi</td>
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<td>Neophanomys bipl</td>
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<td>Pithanomys col</td>
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<td>Octodon degus</td>
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<td>Spalacopus cyanu</td>
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<td>Adelophmys candi</td>
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<td>Prostichomys bow</td>
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<td>Stichomys regula</td>
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<td>Pampamys emmonsia</td>
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<td>Caviocrictetus lu</td>
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<td>Plesiaca rechimys</td>
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<td>Sallamys pascual</td>
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<tr>
<td>Mayomys confluen</td>
<td>(01) within terminal</td>
<td></td>
</tr>
<tr>
<td>Pozomys ucalalie</td>
<td>(01) within terminal</td>
<td></td>
</tr>
<tr>
<td>Tarapotomys suba</td>
<td>(01) within terminal</td>
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</tbody>
</table>

221 (Labial part o) 1.000

222 (Lingual conne) 0.273
Hsearch_Consensus.out

node_161 1 --> 0 node_160
node_154 0 --> 1 node_142
node_167 1 --> 0 node_166
node_176 1 --> 0 node_173
node_190 1 ==> 0 Caviocricetus

224 (Size of the n) 0.200
Hsearch Consensus.out

1 Mayoomyss confluen 0 --> (01) (within terminal)
1 Eosallamyss paula 0 --> (01) (within terminal)
1 Shapajamyss laboc 0 --> (01) (within terminal)
1 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamyss jay 0 --> (01) (within terminal)
1 Pozoomyss ucayalii 0 --> (01) (within terminal)
1 Tarapotomyss mayo 0 --> (01) (within terminal)
1 Tarapotomyss suba 0 --> (01) (within terminal)
1 node_206 0 --> 1 Chachiyacuy kumme

1 Thyromyss wind 0 --> (01) (within terminal)
1 Paraphiomys pilo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Accrithophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barr 0 --> (01) (within terminal)
1 Arcihoodyomys erl 1 --> (01) (within terminal)
1 Tribosphenomyss 1 --> (01) (within terminal)
1 Cocomyss ligmaen 1 --> (01) (within terminal)
1 Reithroparanyss d 1 --> (01) (within terminal)
1 Birbalomyss sonda 1 --> (01) (within terminal)
1 Tamquamyss disp 1 --> (01) (within terminal)
1 Chapattimyss wils 1 --> (01) (within terminal)
1 Ottomaniapromani 1 --> (01) (within terminal)
1 Bugtymiys zafarul 1 --> (01) (within terminal)
1 Hodshahibia azrae 1 --> (01) (within terminal)
1 'Waslamyss' attia 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Eoespina woodii-E 1 --> (01) (within terminal)
1 node_201 1 --> 0 node_198
1 Protosteiromyss m 0 --> (01) (within terminal)
1 Eosteiromyss homo 0 --> (01) (within terminal)
1 Branisamyssopsis a 0 --> (01) (within terminal)
1 Neosteiromyss pat 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Stirromys detent 0 --> (01) (within terminal)
1 Palaeosteiromyss 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromyss punctu 0 --> (01) (within terminal)
1 Dolichtitis patag 0 --> (01) (within terminal)
1 Hydrochoeruss 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 Neoreomyss austra 0 --> (01) (within terminal)
1 Branisamyss lurib 0 --> (01) (within terminal)
1 Cuniculuspaca-t 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamyss bolivian 0 --> (01) (within terminal)
1 Microscleromyss p 0 --> (01) (within terminal)
1 Scleromyss quadra 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Neoepiblema amb 0 --> (01) (within terminal)
1 Chinchillalanig 0 --> (01) (within terminal)
1 Lagidiumviscaci 0 --> (01) (within terminal)
1 Lagostomuss maxim 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)
1 Garridomyss currui 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromyss prae 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 node_195 0 --> 1 node_194
1 Draconomyss verai 1 --> (01) (within terminal)
1 Leucokophalos ze 1 --> (01) (within terminal)
1 Platypittamyss br 1 --> (01) (within terminal)

225 (Size of the n) 0.400
2 Hydrochoerus hyd 2 - - > (012) (within terminal)
2 Cavia aperea 2 - - > (012) (within terminal)
2 Galea spixii 2 - - > (012) (within terminal)
2 Perimys intermed 2 - - > (012) (within 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 Neoepiblema âmbir 0 - - > (012) (within terminal)
2 Chinchilla lanig 0 - - > (012) (within terminal)
2 Galea spixii 0 - - > (012) (within terminal)
2 Lagidium viscaci 0 - - > (012) (within terminal)
2 Lagostomus maxim 0 - - > (012) (within terminal)
1 node_152 1 - - > 2 node_151
2 Eoviscaccia fras 2 - - > (012) (within terminal)
2 Chambiramys ship 0 - - > (012) (within terminal)
1 node_159 0 ==> 1 Chambiramys sylv
2 Leucokcephalos ze 0 - - > (012) (within terminal)
1 node_169 0 ==> 1 Proechimys cuvie
1 node_171 0 ==> 1 Thrichomys apere
2 Euryzygomatomys 0 - - > (012) (within terminal)
2 Mesocapromys/Mys 0 - - > (012) (within terminal)
2 Xenodontomys sim 0 - - > (012) (within terminal)
2 Ctenomys bolivie 0 - - > (012) (within terminal)
2 Neophanomys bipl 0 - - > (012) (within terminal)
2 Octodon degus 0 - - > (012) (within terminal)
1 node_203 0 ==> 1 Pozomys ucayalie
2 Baluchimys barry 0 - - > (012) (within terminal)
1 node_138 0 - - > 1 node_137
1 Asteromys puñctu 1 - - > (01) (within terminal)
1 Perimys intermed 1 - - > (01) (within terminal)
1 node_137 1 - - > 0 Neoreomys austra
1 node_160 0 ==> 1 node_159
1 Eoincamys pašcua 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 node_144 1 ==> 0 Potamarchus muri
1 Neoepiblema âmbir 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 Scleromys osborn 1 - - > (01) (within terminal)
1 Garridomys cu eru 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 Chambiramys ship 1 - - > (01) (within terminal)
1 Eoincamys parvus 1 - - > (01) (within terminal)
1 Eoincamys ameghi 0 - - > (01) (within terminal)
1 Leucokcephalos ze 0 - - > (01) (within terminal)

230 (Posteroflexus) 0.500
231 (Reduction of ) 0.400
Hsearch_Consensus.out
2 Leucokephalos ze 0 --> (012) (within terminal)
1 node_168 0 ==> 1 Spaniomys ripari
1 node_175 0 ==> 1 Mesocapromys/Mys
2 Neophanomys bipl 0 --> (012) (within terminal)
1 node_186 0 ==> 1 node_185
2 Baluchimys barry 0 --> (012) (within terminal)

235 (Formation of) 0.200
1 node_137 0 ==> 1 node_136
1 Asteromys punctu 1 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_153 0 ==> 1 node_152
1 Eoviscaccia Tras 1 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (012) (within 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 lob) 1.000
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomys 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 Tamqua mmys dispi 1 --> (01) (within terminal)
1 Chapatti mmys wil's 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugti mmys zafarul 1 --> (01) (within terminal)
1 Hodshabia azrae 1 --> (01) (within terminal)
1 Waslams hattianays 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 Canaanomys maqui 1 --> (01) (within terminal)
1 Prosteiromys m 1 --> (01) (within terminal)
1 Eosteirormys homo 1 --> (01) (within terminal)
1 Brani samyopsis a 1 --> (01) (within terminal)
1 Neosteirormys 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 Hypsosteirormys a 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 Cavia aperea 1 --> (01) (within terminal)
1 Neoreomys austral 1 --> (01) (within terminal)
1 Brani samyopsis 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinella lanig 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Eoviscaccia Tras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Chambiramys 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 Leucokcephalosze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 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 Spaniomyms ripari 1 --> (01) (within terminal)
1 Myocastor cyprus 1 --> (01) (within terminal)
1 Proechimys cuvier 1 --> (01) (within terminal)
1 Maruchito tri 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrysurg 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Eur yzygomaticmys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 node_181 1 --> 0 node_178
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Adelphiomys candi 1 --> (01) (within terminal)
1 Prostich omys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pam mammys emmons 1 --> (01) (within terminal)
1 Cav iocrictetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamys pascua 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajamyms laboc 1 --> (01) (within terminal)
1 Eobransamiys rom 1 --> (01) (within terminal)
1 Eobran samys jav 1 --> (01) (within terminal)
1 Pozomys ucalai 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 wind 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 Baluchimys barry 1 --> (01) (within terminal)
1 Archetyppomys erl 1 --> (01) (within terminal)
2 Tribosphenomyms m 1 --> (01) (within terminal)
2 Cocomys ligchaen 1 --> (01) (within terminal)
2 Reithroparamys d 1 --> (01) (within terminal)
2 Birbalomys sonda 1 --> (01) (within terminal)
2 Tamquammys dispi 1 --> (01) (within terminal)
2 Chapattimys wils 1 --> (01) (within terminal)
2 Ottomaniaproavi 1 --> (01) (within terminal)
2 Bugtimys zafarul 1 --> (01) (within terminal)
2 Hodshahibia azrae 1 --> (01) (within terminal)
2 'Waslamys' attia 1 --> (01) (within terminal)
2 Phiomys hammudai 1 --> (01) (within terminal)

237 ("Number of lo) 1,000
Hsearch_Consensus.out

2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
2 Platypittamys br 1 --> (012) (within terminal)
2 Deseadomys aramb 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Spaniomys ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Makalata didelph 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 Bipl 0 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regul 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmonsa 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)
2 Sallamys pascual 1 --> (012) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)

Pge p
Hsearch Consensus.out

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 ucaialie 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys 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 Leucokcephalos ze 0 --> (01) (within terminal)
1 node_181 0 --> 1 node_178
1 Neophanomys bipl 1 --> (01) (within terminal)

239 (Fusion of the) 1.000
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamy s d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaamys dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Bugtims zafarul 0 --> (01) (within terminal)
1 Hodshahibia 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 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamypsis a 0 --> (01) (within terminal)
1 Neoesteiromys pat 0 --> (01) (within terminal)
1 Er ethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeoesteiromys 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 Neoreomys austral 0 --> (01) (within terminal)
1 Branisamys lurib 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 Incamys bolivi 0 --> (01) (within terminal)
Hsearch_Consensus.out
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Adelphomyos candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamyss emmonsii 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajamys laboe 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 Baluchi mulberry 1 --> (01) (within terminal)
241 (Shape of the) 0.750
1 node_131 2 ==> 0 Hydrochoerus
d 1 node_134 2 ==> 1 Perimys
1 node_195 2 --> 3 node_194
1 node_131 2 ==> 0 Hydrochoerus
d 1 node_134 2 ==> 1 Perimys
1 node_195 2 --> 3 node_194
1 node_198 0 --> 1 node_141
242 (Shape of the) 0.750
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 dispi 0 --> (01) (within terminal)
1 Chapattimys wil 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtmyz zafarul 0 --> (01) (within terminal)
1 Hodshaibia azrae 0 --> (01) (within terminal)
1 'Waslamyss 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 node_198 0 --> 1 node_141
243 (Posterior pro) 0.333
1 Protosteiromyss m 1 --> (01) (within terminal)
1 Eosteiromyss homo 1 --> (01) (within terminal)
1 Branisamys opsis 1 --> (01) (within terminal)
1 Neosteiromyss pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiromyss detent 1 --> (01) (within terminal)
1 Hypsosteiromyss a 1 --> (01) (within terminal)
1 Chaetomyss subs 1 --> (01) (within terminal)
1 Paleosteiromyss 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Asteromyss punctu 1 --> (01) (within terminal)
1 node_131 1 --> 0 Hydrochoerus
d 1 node_134 1 --> 0 Perimys
1 node_131 1 --> 0 Hydrochoerus
d 1 node_134 1 --> 0 Perimys
1 Neoreomys austral 1 --> (01) (within terminal)
1 Branisamys lurib 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus pac 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivi 0 --> (01) (within terminal)
1 Microscieromyss p 0 --> (01) (within terminal)
Hsearch_Consensus.out

245 (Lamines on pr) 0.200
1 node_129 0 --> 1 Chaetomys subspini
1 Asteromys punctu 0 --> (01) (within terminal)
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) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 node_173 0 --> 1 node_172
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)

246 (Lamines on wo) 0.500
1 Asteromys punctu 0 --> (01) (within terminal)
1 node_149 0 --> 1 node_148
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 node_145 1 --> 0 node_144

247 (Lamines on wo) 0.333
1 node_131 0 --> 1 Hydrochoerus hyd
1 node_149 0 --> 1 node_148
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 node_145 1 --> 0 node_144

248 (*Number of la) 0.667
2 Archetypomys erl 1 --> (012) (within terminal)
1 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligmaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
1 node_198 1 --> 2 node_141
2 Protosteirmys m 2 --> (012) (within terminal)
2 Eosteirmys homo 2 --> (012) (within terminal)
2 Branisamyopsis a 2 --> (012) (within terminal)
2 Neosteirmys pat 2 --> (012) (within terminal)
2 Erethizon dorsat 2 --> (012) (within terminal)

Page p
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Pattern</th>
<th>Location</th>
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<tbody>
<tr>
<td>Coendou prehensilis</td>
<td>(012) (within terminal)</td>
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<tr>
<td>Steiromys detentatrix</td>
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<td>Hypsosteiromys australis</td>
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<td>Palaeosteiromys</td>
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<td>Australoprocta fimbriata</td>
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<td>Luantus prophetus</td>
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<td>Hydrochoerus hydromys</td>
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<td>Microscleromys pinnatus</td>
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<td>Scleromys quadratus</td>
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<td>Lagostomus maximus</td>
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<td>Scleromys osbornii</td>
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<td>Chambiramys shipa</td>
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<td>Eoincamys parvus</td>
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<td>Chambiramys sylvaticus</td>
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<td>Eoincamys valveriana</td>
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<td>Eoincamys ameghii</td>
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<td>Draconomys veraii</td>
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<tr>
<td>Leucoképhalos zebrinus</td>
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Hsearch_Consensus.out
2 Platypittamys br 1 --> (012) (within terminal)
2 Deseadomy s aramb 1 --> (012) (within terminal)
2 A caremys murinus 1 --> (012) (within terminal)
2 Sciamys principa 1 --> (012) (within terminal)
2 Galileomys eury g 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomy s pri 1 --> (012) (within terminal)
2 Spaniomy s ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys aper e 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 bolivi e 1 --> (012) (within terminal)
2 Neophanomy s 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)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Protichomys bow 1 --> (012) (within terminal)
2 Sit chomys regula 1 --> (012) (within terminal)
2 Dudumus r ui gomez 1 --> (012) (within terminal)
2 Pampamys emmons a 1 --> (012) (within terminal)
2 Caviocrictus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)
2 Sallamy s pascual 1 --> (012) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)
2 Eosallamy s paula 1 --> (012) (within terminal)
2 Shapajamy s laboc 1 --> (012) (within terminal)
2 Eobrani samy s rom 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys ucalie 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)

249 (*Number of la) 0.667

4 Archetypomys erl 1 --> (01234) (within terminal)
4 Tribosphenomys m 1 --> (01234) (within terminal)
4 Cocomys ligchaen 1 --> (01234) (within terminal)
4 Reithroparamys d 1 --> (01234) (within terminal)
4 Birbalomys sonda 1 --> (01234) (within terminal)
4 Tamquammys dispi 1 --> (01234) (within terminal)
4 Chapatti mys wils 1 --> (01234) (within terminal)
4 Ottomania proavi 1 --> (01234) (within terminal)
4 Bugtimys zafarul 1 --> (01234) (within terminal)
4 Hodsaibi a azrae 1 --> (01234) (within terminal)
4 'Waslamys' attia 1 --> (01234) (within terminal)
4 Phiomys hammudai 1 --> (01234) (within terminal)
4 Cachiyacuy conta 1 --> (01234) (within terminal)
4 Eoespina woodi-E 1 --> (01234) (within terminal)
4 Canaanimys maqui 1 --> (01234) (within terminal)

1 node_198 1 --> 2 node_141
4 Protosteiromy's m 2 --> (01234) (within terminal)
4 Eosteiromy's homo 2 --> (01234) (within terminal)
4 Branisamyps a 2 --> (01234) (within terminal)
4 Neosteiromy's pat 2 --> (01234) (within terminal)
4 Erethizon dorsat 2 --> (01234) (within terminal)
4 Coendou prehensi 2 --> (01234) (within terminal)
4 Steiromys detent 2 --> (01234) (within terminal)
4 Hypsosteiromy's a 2 --> (01234) (within terminal)
4 Palaeosteiromy's 2 --> (01234) (within terminal)

Pge p
Hsearch_Consensus.out

2 node_140 2 --> 4 node_138
4 Australoprocta f 4 --> (01234) (within terminal)
4 Luantus propheti 4 --> (01234) (within terminal)
4 Asteromys punctu 4 --> (01234) (within terminal)
4 Dolichotis patag 4 --> (01234) (within terminal)
4 Cavia aperea 4 --> (01234) (within terminal)
4 Galea spixii 4 --> (01234) (within terminal)
4 Perimys intermed 4 --> (01234) (within terminal)
4 Neoreomys austral 4 --> (01234) (within terminal)
4 Branisamys lurib 4 --> (01234) (within terminal)
4 Dasyprocta 2 --> (01234) (within terminal)
4 Eoincamys pascua 1 --> (01234) (within terminal)
4 Incamys bolivian 1 --> (01234) (within terminal)
4 Microscleromys p 1 --> (01234) (within terminal)
4 Scleromys quadra 1 --> (01234) (within terminal)
4 Scleromys angust 1 --> (01234) (within terminal)
1 node_148 1 --> 2 node_145
1 node_144 2 ==> 3 Potamarchus mur p
1 node_147 1 ==> 0 node_146
4 Lagostomus maxim 1 --> (01234) (within terminal)
4 Scleromys osborn 1 --> (01234) (within terminal)
4 Garridomys curnu 1 --> (01234) (within terminal)
4 Eoviscaccia fras 1 --> (01234) (within terminal)
4 Eoviscaccia aust 1 --> (01234) (within terminal)
4 Scleromys praecu 1 --> (01234) (within terminal)
4 Chambiramys ship 1 --> (01234) (within terminal)
4 Eoincamys parvus 1 --> (01234) (within terminal)
4 Chambiramys sylv 1 --> (01234) (within terminal)
4 Eoincamys valver 1 --> (01234) (within terminal)
4 Eoincamys ameghi 1 --> (01234) (within terminal)
4 Draconomys verai 1 --> (01234) (within terminal)
4 Leucokephalos ze 1 --> (01234) (within terminal)
4 Platypittamys br 1 --> (01234) (within terminal)
4 Deseadomys aramb 1 --> (01234) (within terminal)
4 Acaremys murinus 1 --> (01234) (within terminal)
4 Sciamys principa 1 --> (01234) (within terminal)
4 Galileomys euryg 1 --> (01234) (within terminal)
4 Willidewu estepa 1 --> (01234) (within terminal)
4 Prospaniomys pri 1 --> (01234) (within terminal)
4 Spaniomys ripari 1 --> (01234) (within terminal)
4 Myocastor coypus 1 --> (01234) (within terminal)
4 Proechimys cuvie 1 --> (01234) (within terminal)
4 Maruchito trilof 1 --> (01234) (within terminal)
4 Thrichomys apere 1 --> (01234) (within terminal)
4 Protadelphomy l 1 --> (01234) (within terminal)
4 Euryzygomatonymys 1 --> (01234) (within terminal)
4 Mesocapromys/Mys 1 --> (01234) (within terminal)
4 Xenodontomys sim 1 --> (01234) (within terminal)
4 Ctenomys bolivi 1 --> (01234) (within terminal)
4 Neophanomys bipl 1 --> (01234) (within terminal)
4 Pithanotomys col 1 --> (01234) (within terminal)
4 Octodon degus 1 --> (01234) (within terminal)
4 Spalacopus cyanu 1 --> (01234) (within terminal)
4 Abrocoma bennett 1 --> (01234) (within terminal)
4 Adelphomy s candi 1 --> (01234) (within terminal)
4 Prostichomys bow 1 --> (01234) (within terminal)
4 Stichomys regula 1 --> (01234) (within terminal)
4 Dudumus ruigomez 1 --> (01234) (within terminal)
4 Pampamys emmonsa 1 --> (01234) (within terminal)
4 Caviocricetus lu 1 --> (01234) (within terminal)
4 Plesiaca rechimys 1 --> (01234) (within terminal)
4 Sallamys pascual 1 --> (01234) (within terminal)
4 Mayomys confluen 1 --> (01234) (within terminal)
4 Eosallamys paula 1 --> (01234) (within terminal)
4 Shapajamy s laboc 1 --> (01234) (within terminal)
4 Eobranisamys rom 1 --> (01234) (within terminal)
4 Eobranisamys jav 1 --> (01234) (within terminal)
4 Pozomys ucyal 1 --> (01234) (within terminal)
4 Tarapotomys mayo 1 --> (01234) (within terminal)
4 Tarapotomys suba 1 --> (01234) (within terminal)
Hsearch_Consensus.out
3  Scleromys praecl 1 --> (0123) (within terminal)
3  Chambiramys ship 1 --> (0123) (within terminal)
3  Eoincamys parvus 1 --> (0123) (within terminal)
3  Chambiramys sylv 1 --> (0123) (within terminal)
3  Eoincamys valver 1 --> (0123) (within terminal)
3  Eoincamys ameghi 1 --> (0123) (within terminal)
1  node_167 1 --> 2 node_166
1  node_163 2 --> 1 Deseadomys aramb
1  node_164 2 --> 1 Acaremys murinus
3  Prospaniomys pri 1 --> (0123) (within terminal)
3  Spaniomys ripari 1 --> (0123) (within terminal)
3  Proechimys cuvie 1 --> (0123) (within terminal)
3  Maruchito trilof 1 --> (0123) (within terminal)
3  Thrichomys apere 1 --> (0123) (within terminal)
3  Echimys chrysuru 1 --> (0123) (within terminal)
3  Makalata didelph 1 --> (0123) (within terminal)
3  Eurzygomatymys 1 --> (0123) (within terminal)
3  Mesocapromys/Mys 1 --> (0123) (within terminal)
3  Xenodontomys sim 1 --> (0123) (within terminal)
3  Ctenomys bolivie 1 --> (0123) (within terminal)
3  Neophanomys bipl 1 --> (0123) (within terminal)
3  Pithanotomys col 1 --> (0123) (within terminal)
3  Octodon degus 1 --> (0123) (within terminal)
3  Spalacopus cyanu 1 --> (0123) (within terminal)
3  Abrocoma bennett 1 --> (0123) (within terminal)
3  Adelphomys candi 1 --> (0123) (within terminal)
3  Prostichomys bow 1 --> (0123) (within terminal)
3  Stichomys regula 1 --> (0123) (within terminal)
3  Dudumus ruigomez 1 --> (0123) (within terminal)
3  Pampamys emmonsa 1 --> (0123) (within terminal)
3  Caviocricetus lu 1 --> (0123) (within terminal)
3  Pleiacerchimys 1 --> (0123) (within terminal)
1  node_193 1 ==> 2 Sallamys pasclu
3  Mayomys confTuen 1 --> (0123) (within terminal)
3  Eosallamys paula 1 --> (0123) (within terminal)

Pge p
Hsearch Consensus.out

3 Shapajamys laboc 1 --> (0123) (within terminal)
3 Eobranisamys rom 1 --> (0123) (within terminal)
3 Eobranisamys jav 1 --> (0123) (within terminal)
3 Pozomys ucayalie 1 --> (0123) (within terminal)
3 Tarapotomys mayo 1 --> (0123) (within terminal)
3 Tarapotomys suba 1 --> (0123) (within terminal)
3 Cachiyacuy kumme 2 --> (0123) (within terminal)
3 Thryonomys swind 2 --> (0123) (within terminal)
3 Paraphiomys pigo 2 --> (0123) (within terminal)
3 Metaphiomys scha 2 --> (0123) (within terminal)
3 Acritophiomys bo 2 --> (0123) (within terminal)
3 Baluchimys barr 2 --> (0123) (within terminal)

253 (Width of p4/m) 0.111

1 Archetypomys erl 1 --> (01) (within terminal)
  node_217 1 ==> 0 node_118
1 Ottomaniaprovai 1 --> (01) (within terminal)
1 Bugtimmys zafarui 1 --> (01) (within terminal)
1 Hodshahibia azrae 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
  node_205 1 ==> 0 node_204
1 Protosteiromys m 0 --> (01) (within terminal)
1 Branisamypopsia 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
  node_129 0 ==> 1 Chaetomys subspeci
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
  node_134 0 ==> 1 node_133
  node_132 1 ==> 0 Cavia aperea
1 Eoincamys pascura 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
  node_146 0 ==> 1 Lagidium viscacia
  node_151 0 ==> 1 Eoviscaccia fras
1 Scleromys prae 0 --> (01) (within terminal)
1 Chambiramyship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy syl 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
  node_194 0 ==> 1 node_193
  node_163 1 ==> 0 Deseadomys aramb
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 triolo 1 --> (01) (within terminal)
1 Thrichomys aperle 1 --> (01) (within terminal)
1 Echimys chryscur 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Eurymphomatosi 1 --> (01) (within terminal)
1 Mesopromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys boliv 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrysru u 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomaticys 0 --> (01) (within terminal)
1 Mesocapromys/s Mys 0 --> (01) (within terminal)
1 Xenodontomys simo 0 --> (01) (within terminal)
1 Ctenomys bolivi e 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys 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 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamy s emmons a 0 --> (01) (within terminal)
1 Caviocricus tus lu 0 --> (01) (within terminal)
1 Plesiacaechimys 0 --> (01) (within terminal)
1 Eosal lamys paula 0 --> (01) (within terminal)
1 Eobranismys rom 0 --> (01) (within terminal)
1 Eobranismys jav 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pig o 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
2 Archetyfomys erl 1 --> (012) (within terminal)

256 (*Development) 0.308

1 node_219 1 --> 2 Tribosphenomys m
1 node_218 1 --> 0 Cocomys ligiaen
1 node_118 1 --> 0 Reithroparamys d
1 Tamquammys dispi 1 --> (01) (within terminal)
1 node_120 1 --> 2 node_119
1 node_207 1 --> 0 Phiomys hammudai
2 Eoespina woodi-E 1 --> (012) (within terminal)

2 Canaanimys maqui 1 --> (012) (within terminal)
1 node_141 1 --> 0 node_130
2 Protosteiromys m 0 --> (012) (within terminal)
2 node_127 0 --> 2 node_126
2 Neosteirromys pat 2 --> (012) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteirromys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
1 node_135 1 --> 0 Asteromys punctu
1 node_135 1 --> 2 node_134
2 Dolichotis pata g 2 --> (012) (within terminal)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spiixii 2 --> (012) (within terminal)
2 Neoreomys aust 1 --> (012) (within terminal)
2 Branisamys lurib 1 --> (012) (within terminal)
2 Dasyprocta 1 --> (012) (within terminal)
Pge p
Hsearch_Consensus.out

1 node_195 1 ==> 2 node_161
2 Eoincamys paçua 2 --> (012) (within terminal)
1 node_142 2 ==> 1 Microscleromys p
1 node_150 2 --> 1 node_149
1 node_148 1 --> 2 node_145
2 Drytomomys aëqua 2 --> (012) (within terminal)
1 node_147 1 ==> 0 Neoepiblema ambr
1 node_146 1 --> 2 Chinchilla lanig
2 Lagostomus maxim 1 --> (012) (within terminal)
1 node_147 1 ==> 0 Draconomys verai
1 Galileomys eüryg 1 --> (12) (within terminal)
2 Prospaniomy s prí 1 --> (012) (within terminal)
2 Spaniomy s ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechiomy s cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys aper 1 --> (012) (within terminal)
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Makalata didelph 1 --> (012) (within terminal)
2 Euryzygomaticys 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)
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)
2 Adolphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
2 Pam pamys emmons 1 --> (012) (within terminal)
2 Caviocricketus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)
1 node_193 1 ==> 2 Sallamys pascal
2 Eosallamys paula 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Eobranisamys jav 1 --> (012) (within terminal)
1 node_203 1 --> 2 node_202
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)

257 (Metaconid-pro) 0.333
1 Archeytomyms erl 0 --> (01) (within terminal)
1 node_217 0 ==> 1 node_218
1 Canaanmys maqui 0 --> (01) (within terminal)
1 Protosteiramys m 0 --> (01) (within terminal)
1 Neosteiramys pat 0 --> (01) (within terminal)
1 Palaeosteiramys 0 --> (01) (within terminal)
1 Doliottis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermedi 0 --> (01) (within terminal)
1 node_143 0 ==> 1 Scleromyms quadra
1 Potamarchus muri 0 --> (01) (within terminal)
1 node_146 0 ==> 1 Chinchilla lanig
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromyms praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 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 Maruchtito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrys 0 --> (01) (within terminal)
1 Makalatala didelph 0 --> (01) (within terminal)
1 Euryszymatomys 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 Petchnomys 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 Adelphomyms can 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)

Pge p
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1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomyomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 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 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Eoincamys valver 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 Acaremys musculus 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospanomys pri 1 --> (01) (within terminal)
1 Spaniomyris ripari 1 --> (01) (within terminal)
1 Myocastor cuppus 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 chrysura 1 --> (01) (within terminal)
1 Makalata didelp 1 --> (02) (within terminal)
1 Protadelphomyomys 1 --> (01) (within terminal)
1 Eurystyonatomomys 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 Pitmanomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cya 1 --> (01) (within terminal)
1 Abrocoma bennette 1 --> (01) (within terminal)
1 Adelphomyomys candi 1 --> (01) (within terminal)
1 Protichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudunus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Cavicoelcutus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamyms pascual 1 --> (01) (within terminal)
1 Eosallamyms paula 1 --> (01) (within terminal)
1 Eobrannisamyms rom 1 --> (01) (within terminal)
1 Eobrannisamyms jav 1 --> (01) (within terminal)
1 Tarapotomyms mayo 1 --> (01) (within terminal)
1 Tarapotomyms suba 1 --> (01) (within terminal)
1 Thrynomys swind 1 --> (01) (within terminal)
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1 Metaphiomys scla 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
1 Archetypomys er 1 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 node_212 0 == 1 node_211
1 Phiomys hammu 1 --> (01) (within terminal)
1 Canaarlyms maqui 1 --> (01) (within terminal)
1 Protosteiromys col 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_127 1 == 0 Steiromys detent
1 node_129 1 == 0 Chaetomys subspi
1 Palaeosteiromys 1 --> (01) (within terminal)
1 node_135 1 == 0 Asteromys punctu
1 Dolichotis pa tag 1 --> (01) (within terminal)

265 (Mesostylid on) 0.583

Pge p
Hsearch_Consensus.out

1 Bugtiums zafarul 1 --> (01) (within terminal)
2 Hodsiabia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
1 Phiomys hammudai 1 --> (12) (within terminal)
2 Cachiayacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi - E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteirmys m 1 --> (012) (within terminal)
2 Branisamyopsis a 1 --> (012) (within terminal)
2 Neosteirmys pat 1 --> (012) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Chaetomys subspi 1 --> (012) (within terminal)
2 Palaeosteirmys 1 --> (012) (within terminal)
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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 Neoreomys austral 0 --> (012) (within terminal)
1 Branisamys lurib 0 --> (01) (within terminal)
2 Dasyprocta 0 --> (012) (within terminal)
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2 Potamarchus muri 0 --> (012) (within terminal)
2 Dinomys branicki 0 --> (012) (within terminal)
2 Neoepl blema 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 Evoiscaccia fras 0 --> (012) (within terminal)
2 Evoiscaccia aust 0 --> (012) (within terminal)
2 Scleromys prea 0 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)

Hsearch_Consensus.out

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2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
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2 Leucokephalos ze 0 --> (012) (within terminal)
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2 Acaremys murinus 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)
2 Proechimys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatomyms 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 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 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
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1 Makalata didelep 0 --> (01) (within terminal)
1 Euryzygomatomy 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomy 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomy 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 bent 0 --> (01) (within terminal)
1 Adelphonmys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigome 0 --> (01) (within terminal)
1 Pampamy 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Ple 0 --> (01) (within terminal)
1 Sallamy 0 --> (01) (within terminal)
1 Eosallamy 0 --> (01) (within terminal)
1 Eobranisamy 0 --> (01) (within terminal)
1 Eobranisamy 0 --> (01) (within terminal)
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1 Paraphionmys 0 --> (01) (within terminal)
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1 Acritophionmys 0 --> (01) (within terminal)
1 Baluchimys 0 --> (01) (within terminal)
1 Archetypomys 0 --> (01) (within terminal)
1 Canaamy 0 --> (01) (within terminal)
1 Protoste 0 --> (01) (within terminal)
1 node_124 0 --> 1 node_123
1 Neoste 0 --> (01) (within terminal)
1 node_127 0 --> 1 Steiomys detent
1 Palaeoste 0 --> (01) (within terminal)
1 Australoproct 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomy 0 --> (01) (within terminal)
1 node_138 0 --> 1 Branisamy 0 --> (01) (within terminal)
1 node_139 0 --> 1 Dasyprocta
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia frac 0 --> (01) (within terminal)
1 Scleromy 0 --> (01) (within terminal)
1 Chambiramys shi 0 --> (01) (within terminal)
1 Eoincamy 0 --> (01) (within terminal)
1 Eoincamy 0 --> (01) (within terminal)
1 Prospaniomy 0 --> (01) (within terminal)
1 Spaniomy 0 --> (01) (within terminal)
1 Myocastor 0 --> (01) (within terminal)
1 Prochimys cuvie 0 --> (01) (within terminal)
1 Maruchito tri 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysur 0 --> (01) (within terminal)
1 Makalata didelep 0 --> (01) (within terminal)
1 Euryzygomatomy 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomy 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomy 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)

Pge p

268 (Neocrisid on) 0.250
Abrocoma bennett 0 --> (01) (within terminal)
Adelphomyss candid 0 --> (01) (within terminal)
Prostichomys bow 0 --> (01) (within terminal)
Stichomyss regul a 0 --> (01) (within terminal)
Dudumusr uigomez 0 --> (01) (within terminal)
Pampamyss emmons a 0 --> (01) (within terminal)
Caviocricketus lu 0 --> (01) (within terminal)
Plesiacarechimys 0 --> (01) (within terminal)
Eobranniasamyss rom 0 --> (01) (within terminal)
Eobranniasamyss jav 0 --> (01) (within terminal)
Tarapotomys suba 0 --> (01) (within terminal)
T h y r o n o m y s s wi nd 0 --> (01) (within terminal)
Paraphiomys p ig o 0 --> (01) (within terminal)
Metaphiomys s cha 0 --> (01) (within terminal)
Baluchimys barry 0 --> (01) (within terminal)
Archetypomy ss er 0 --> (01) (within terminal)
Reithroparamys d 0 --> (01) (within terminal)
 node 213 0 ==> 1 Ottomania pr o a vi
Waslamys attia 0 --> (01) (within terminal)
Canaaniys maqui 0 --> (01) (within terminal)
 node 141 0 ==> 1 node 130
Protosteir omyss m 1 --> (01) (within terminal)
Eosteir omys h omo 1 --> (01) (within terminal)
Neosteir omyss pat 1 --> (01) (within terminal)
Coendou prehensi 1 --> (01) (within terminal)
Pal aeosteir omyss 0 --> (01) (within terminal)
Luantus propheti 0 --> (01) (within terminal)
 node 135 0 ==> 1 node 134
Dolicchotis patag 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia a perea 1 --> (01) (within terminal)
Galea spixii 1 --> (01) (within terminal)
Neoreomys aust r a 0 --> (01) (within terminal)
Branni mys lur ib 0 --> (01) (within terminal)
Dasyprocta 0 --> (01) (within terminal)
Inc amys bol viv an 0 --> (01) (within terminal)
Microscieromys p 0 --> (01) (within terminal)
 node 150 0 ==> 1 node 149
Scler omys a ngust 1 --> (01) (within terminal)
Potamarchus muri 1 --> (01) (within terminal)
Lagostom u s maxim 1 --> (01) (within terminal)
 node 152 0 ==> 1 Garridomys curnu
Eoviscaccia Tr a s 0 --> (01) (within terminal)
Scleromys praec u 0 --> (01) (within terminal)
Chambiramousi nerm s 0 --> (01) (within terminal)
Eoincas my s par vus 0 --> (01) (within terminal)
Eoincamys va l ve r 0 --> (01) (within terminal)
Prospaniomys pr i 0 --> (01) (within terminal)
S p an i o myss ripari 0 --> (01) (within terminal)
Myocast or cy phus 0 --> (01) (within terminal)
Proechimys cuvie 0 --> (01) (within terminal)
Maruchito tril of 0 --> (01) (within terminal)
Thrichomys aper e 0 --> (01) (within terminal)
Echimyss chr ys 0 --> (01) (within terminal)
Makalata didelph 0 --> (01) (within terminal)
Euryzygomat omyss 0 --> (01) (within terminal)
Mesocapromyss/Mys 0 --> (01) (within terminal)
Xenodontomys si m 0 --> (01) (within terminal)
Ctenomys bol ivie 0 --> (01) (within terminal)
Neophanomys b i pl 0 --> (01) (within terminal)
Pithanatomyss col 0 --> (01) (within terminal)
Octodon degus 0 --> (01) (within terminal)
Spalacopus cyan u 0 --> (01) (within terminal)
Abrocoma bennett 0 --> (01) (within terminal)
Adelphomyss candid 0 --> (01) (within terminal)
Prostichomys bow 0 --> (01) (within terminal)
Stichomyss regul a 0 --> (01) (within terminal)
Hsearch_Connsensus.out

1  Duddumus ruigomez 0 --> (01) (within terminal)
1  Pampamys emmons a 0 --> (01) (within terminal)
1  Cavio cr icetus l u 0 --> (01) (within terminal)
1  Plesia c acare chi mys 0 --> (01) (within terminal)
1  Sall amys pascal a 0 --> (01) (within terminal)
1  Eosall amys paul a 0 --> (01) (within terminal)
1  Shapaj amys laboc 0 --> (01) (within terminal)
1  Eobran isamys rom 0 --> (01) (within terminal)
1  Eobran isamys jav 0 --> (01) (within terminal)
1  node_203 0 ==> 1 Pozomys ucayali e
1  Tarapot omys suba 0 --> (01) (within terminal)
1  Thryo nomys wind 0 --> (01) (within terminal)
1  Paraphiomys pigo 0 --> (01) (within terminal)
1  Metaphiomys scha 0 --> (01) (within terminal)
1  Baluchi mys bar ry 0 --> (01) (within terminal)
1  node_217 0 --> 1 node_216
1  Tamquammys dispi 1 --> (01) (within terminal)
1  node_215 1 --> 3 node_214
1  'Wasla murs attia 3 --> (03) (within terminal)
1  Phiomys hammu dai 3 --> (03) (within terminal)
1  node_205 3 --> 2 node_122
1  Eoespin a woodi-E 2 --> (02) (within terminal)
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) (within terminal)
1  Incamys bolivian 0 --> (02) (within terminal)
1  Eoviscaccia aust 0 --> (03) (within terminal)
1  Eoincamys ameghi 0 --> (02) (within terminal)
1  Platypittamys br 0 --> (03) (within terminal)
1  node_166 0 ==> 3 node_165
1  Accaremys murrinus 3 --> (03) (within terminal)
1  Sci amys principa 3 --> (34) (within terminal)
1  Galileomys euryg 3 --> (13) (within terminal)
1  Sallamys pascal a 0 --> (03) (within terminal)
1  node_206 3 ==> 1 Cachiyacuy kumme
1  Acritophiomys bo 3 --> (03) (within terminal)
1  Bugtimys zafar ul 0 --> (01) (within terminal)
1  Cachiyacuy conta 0 --> (02) (within terminal)
1  Eoespin a woodi-E 0 --> (02) (within terminal)
1  Asteromys punctu 0 --> (01) (within terminal)
1  Acaremys murrinus 0 --> (01) (within terminal)
1  Sci amys principa 0 --> (01) (within terminal)
1  Acritophiomys bo 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (01) (within terminal)
1  Bugtimys zafar ul 0 --> (01) (within terminal)
1  Phiomys hammu dai 0 --> (01) (within terminal)
1  node_205 0 --> 1 node_122
1  Eoespin a woobi-E 1 --> (01) (within terminal)
1  Canaan imys maqui 1 --> (01) (within terminal)
1  node_198 0 --> 1 node_141
1  Pro tosteiromys m 1 --> (01) (within terminal)
1  Eosteiromys hom o 1 --> (01) (within terminal)
1  Neosteiromys pat 1 --> (01) (within terminal)
1  Coendou prehensi 1 --> (01) (within terminal)
1  node_130 1 --> 0 node_129
1  Hypsosteiromys a 0 --> (01) (within terminal)
1  Palao steiromys 1 --> (01) (within terminal)
1  node_137 1 --> 0 node_136
1  Luantus propheti 0 --> (01) (within terminal)
1  Dolichoti s patag 0 --> (01) (within terminal)
1  Hydrochoerus hyd 0 --> (01) (within terminal)
1  Cavia aper ea 0 --> (01) (within terminal)
1  Galea spixii 0 --> (01) (within terminal)
1  Peri mys intermed 0 --> (01) (within terminal)
1  Neoreomys austri a 1 --> (01) (within terminal)
1  Dasyprocta 1 --> (01) (within terminal)
1  node_195 0 ==> 1 node_161

Pge p
<table>
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<tr>
<th>Species</th>
<th>Comment</th>
</tr>
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<tbody>
<tr>
<td>Maruchito trilof</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Thrichomys aper e</td>
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</tr>
<tr>
<td>Echimys chrys uru</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Makalata didel ph</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Protadelphomys l</td>
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<tr>
<td>Euryzygomaticomys</td>
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</tr>
<tr>
<td>Mesocapromys/Mys</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Ctenomys regula</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Dudumus ruigomez</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Pithanotomys col</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Octodon degus</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Spalacopus cyanu</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Abrocoma bennett</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Adelphomys candi</td>
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<td>Prostichomys bow</td>
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<td>Stichomys regula</td>
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<td>Pampamys emmonsa</td>
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<td>Cavio cricetus lu</td>
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<tr>
<td>Plesi acare chi mys</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Sallamy s pas cu ral</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Mayomys conflu en</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Eosallamy s paula</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Shapajamy s laboc</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Eobranisamy s rom</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Eobranisamy s j a v</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Po zo my s ucayali e</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Tarapotomys mayo</td>
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</tr>
<tr>
<td>Tarapotomys suba</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Cachi yacuy kumme</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Thryonomys swind</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Paraphyomys pigo</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Metaphyomys scha</td>
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<td>Acritophyomys bo</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Baluchi my s bar ry</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Archetypomys erl</td>
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<td>Tribosphenomys m</td>
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<td>Cocomys ligchaen</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Reithroparamys d</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Birbalomy s sonda</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Tam qua mmys dis pi</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Chappattimys wils</td>
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<tr>
<td>Ottomaniap roavi</td>
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<td>Hodsahil a azr ae</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Wasiamy s atti a</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Canaanimys maqui</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Protoste r omys m</td>
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<tr>
<td>Eoste r omys homo</td>
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<tr>
<td>Neoste r omys pat</td>
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<tr>
<td>Hypsoste r omys a</td>
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<td>Chaetomys sub sp i</td>
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<tr>
<td>Palaeoste r omys</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Luantus propheti</td>
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<td>Asteromys punctu</td>
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<tr>
<td>Dolichotis patag</td>
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<tr>
<td>Hydrochoerus hyd</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Cavia aperea</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Galea spixii</td>
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<tr>
<td>Perimys intermed</td>
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<tr>
<td>Neoreomys austra</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Dasyprocta</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>Mic r oscle r omys p</td>
<td>(01) (within terminal)</td>
</tr>
<tr>
<td>node 154</td>
<td>node 153</td>
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<tr>
<td>node 150</td>
<td>node 153</td>
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</tbody>
</table>

275 (Labial connec) 1.000
Hsearch_Consensus.out

1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Eoviscacia fras 1 --> (01) (within terminal)
1 Eoviscacia aust 1 --> (01) (within terminal)
1 Scelomys parvus 0 --> (01) (within terminal)
1 Eoincamys valverde 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokophalos zebras 0 --> (01) (within terminal)
1 Platypittamus brachyurus 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciaemyss principa 0 --> (01) (within terminal)
1 Galileomys eurygnathus 0 --> (01) (within terminal)
1 Prospanomys pri 0 --> (01) (within terminal)
1 Spanomys ripari 0 --> (01) (within terminal)
1 Myocastor cygnus 0 --> (01) (within terminal)
1 Phechymys cuvieri 0 --> (01) (within terminal)
1 Maruchitos trilophodon 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysura 0 --> (01) (within terminal)
1 Makalata didelphoides 0 --> (01) (within terminal)
1 Protadelphomyss luteus 0 --> (01) (within terminal)
1 Eurystygotomys 0 --> (01) (within terminal)
1 Mesocapromys / Mys 0 --> (01) (within terminal)
1 Xenodontomys simoni 0 --> (01) (within terminal)
1 Ctenomys boliviensis 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanus 0 --> (01) (within terminal)
1 Brocooma bennettii 0 --> (01) (within terminal)
1 Adelphomyss candidus 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regulae 0 --> (01) (within terminal)
1 Dudumus rupigomezzioni 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocricetus luzonensis 0 --> (01) (within terminal)
1 Plesiacaarechimys 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 Eobraniamsamys rominei 0 --> (01) (within terminal)
1 Eobraniamsamys javanae 0 --> (01) (within terminal)
1 Tarapotomys mayoi 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Thryonomys windsor 0 --> (01) (within terminal)
1 Paraphymys pigo 0 --> (01) (within terminal)
1 Metaphymys scha 0 --> (01) (within terminal)
1 Baluchi mys barryi 0 --> (01) (within terminal)
1 Archetypomys erlendi 0 --> (01) (within terminal)
1 node_118 0 --> 1 Birbalomys sonnadori
1 node_215 0 --> 1 Chapattimys wilsoni
1 Bugtims zafar 0 --> (01) (within terminal)
1 Phiomys hammondai 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteir omys 0 --> (01) (within terminal)
1 Neosteiromys patagonicus 0 --> (01) (within terminal)
1 Erethizon dorsatum 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Luantus propheta 0 --> (01) (within terminal)
1 Dolichotis patagoniensis 0 --> (01) (within terminal)
1 Hydrochoerus hydrochaeris 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)

276 (Mesoconid) / 0.714
Hsearch_Consensus.out

1  node_216 1 ==> 2 node_215
2  Ottomania proavi 2 --> (012) (within terminal)
2  Canaanimys maqui 2 --> (012) (within terminal)
2  Protosteiromys m 2 --> (012) (within terminal)
2  Neosteiromys pat 2 --> (012) (within terminal)
2  Palaeosteiromys 2 --> (012) (within terminal)
2  Australoprocta f 2 --> (012) (within terminal)
2  Luantus propheti 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  Galea spixii 2 --> (012) (within terminal)
2  Perimys intermed 2 --> (012) (within terminal)
2  Neoreomys austra 2 --> (012) (within terminal)
2  Dasyprocta 2 --> (012) (within terminal)
2  Cuniculus paca 2 --> (012) (within terminal)
2  Microscleromys p 2 --> (012) (within terminal)
2  node_154 2 --> 0 node_153
2  Scleromys quadr 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 branicki 0 --> (012) (within terminal)
2  Neoepiblema 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  Eoviscaccia fras 0 --> (012) (within terminal)
2  Scleromys praeo 2 --> (012) (within terminal)
2  Chambiramys ship 2 --> (012) (within terminal)
2  Eoincamys parvus 2 --> (012) (within terminal)
2  Eoincamys valver 2 --> (012) (within terminal)
2  Galileomys euryg 2 --> (012) (within terminal)
2  Prospaniomys pri 2 --> (012) (within terminal)
Hsearch_Consensus.out

2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Euryzygomatmys 2 --> (012) (within terminal)
2 Mesocapromys/ Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanatomys 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 Protichomys 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 Plesiacarechimys 2 --> (012) (within terminal)
2 Eosallamys paula 2 --> (012) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Thryonomys swind 2 --> (012) (within terminal)
2 Paraphiomys pigo 2 --> (012) (within terminal)
2 Metaphiomys scha 2 --> (012) (within terminal)
2 Baluchimys barry 2 --> (012) (within terminal)

281 (Interruption) 1.000
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
Hsearch_Consensus.out

2  Dasyprocta 0 --> (012) (within terminal)
1  node_195 0 --> 1 node_161
1  node_156 1 --> 0 node_155
2  Potamarchus muri 0 --> (012) (within terminal)
2  Lagostomus maxim 0 --> (012) (within terminal)
2  Eoviscaccia fras 0 --> (012) (within terminal)
2  Scleromys praecu 0 --> (012) (within terminal)
2  Chambiramys 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)
2  Draconomys verai 0 --> (012) (within terminal)
2  node_163 0 ==> 2 Deseadomys aramb
2  Galileomys euryg 0 --> (012) (within terminal)
2  Prospaniomys pri 0 --> (012) (within terminal)
2  Spaniomyx ripari 0 --> (012) (within terminal)
2  Myocastor coypus 0 --> (012) (within terminal)
2  Proechimyx cuvie 0 --> (012) (within terminal)
2  Maruchito trilof 0 --> (012) (within terminal)
2  Thrichomys apere 0 --> (012) (within terminal)
2  Echimys chrysuru 0 --> (012) (within terminal)
2  Makalata didelph 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 bolivie 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 0 --> (012) (within terminal)
2  Prostichomys bow 0 --> (012) (within terminal)
2  Stichomys regula 0 --> (012) (within terminal)
2  Dudumus ruigomez 0 --> (012) (within terminal)
Hsearch_Con sens u s . o u t
terminal)
2 Pamp amys emmons a 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (012) (within terminal)
2 Esallamys 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 ucalale 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys projet 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
1 node_211 1 ==> 0 Acritophiomys bo
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 Ottomania proavi
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodshahibia aza ra 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Canaanamys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
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 Potamarchus muri 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scler o m ys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincarmys parvus 1 --> (01) (within terminal)
1 Eoincarmys valver 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor coups 1 --> (01) (within terminal)
1 P roechimys cuvie 1 --> (01) (within terminal)
1 Maruchito tri lof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrys 1 --> (01) (within terminal)
1 Makalata d 1 del ph 1 --> (01) (within terminal)
1 Eur zygymat omy s 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 bipl 1 --> (01) (within terminal)
1 Pithan omys col 1 --> (01) (within terminal)
1 Ond don degus 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Abrocoma bennettii 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys boweri 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmonsii 1 --> (01) (within terminal)
1 Cavio cricetus lu 1 --> (01) (within terminal)
1 Plesiacerchimys 1 --> (01) (within terminal)
1 Eosallamyx paula 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thyronomys swind 1 --> (01) (within terminal)
1 Paraphiomyx pigo 1 --> (01) (within terminal)
1 Metaphiomyx scha 1 --> (01) (within terminal)
1 Baluchi mys barry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyx m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquaomyx dispi 0 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 node_215 0 --> 1 node_214
1 Ottomaniaprowa 1 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Palaeosteirromys 0 --> (01) (within terminal)
1 Dolichotis patagonia 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 Potamarchus muelleri 0 --> (01) (within terminal)
1 Lagostomus maximus 0 --> (01) (within terminal)
1 Scleromys praecl 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valverda 0 --> (01) (within terminal)
1 node_163 0 --> 1 Platypittamys brachyurus
1 node_164 0 --> 1 Sciaemyx principa
1 Galileomyx eurygaster 0 --> (01) (within terminal)
1 Prospanomys pri 0 --> (01) (within terminal)
1 Spaniomyx riparius 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechimys cuvier 0 --> (01) (within terminal)
1 Maruchito trilophus 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrystal 0 --> (01) (within terminal)
1 Makalata didelphis 0 --> (01) (within terminal)
1 Euryzygnomatomyx 0 --> (01) (within terminal)
1 Mesocastomys/Mys 0 --> (01) (within terminal)
1 Xendontomys simmons 0 --> (01) (within terminal)
1 Ctenomys bolivianus 0 --> (01) (within terminal)
1 Neophanomys bipal 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanus 0 --> (01) (within terminal)
1 Abrocoma bennettii 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys boweri 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmonsii 0 --> (01) (within terminal)
1 Cavio cricetus lusitanicus 0 --> (01) (within terminal)

286 (Length of the) 0.571
Hsearch_Consensus.out

1 Plesiacarechimys 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 Thryonomy s swind 1 --> (01) (within terminal)
1 Paraphi omy s pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Baluchi my s barry 1 --> (01) (within terminal)
1 Bir baloms s onda 2 --> (02) (within terminal)
1 Bugtm my s zafarul 2 --> (02) (within terminal)

287 (Labial connec) 0.833

1 node_120 2 ==> 0 ‘Waslamys’ attia
1 node_207 2 ==> 0 Phiomys hammudai
1 Eoespina woodi-E 2 --> (12) (within terminal)
1 node_163 2 ==> 1 Platypittamys br
1 Acaremys murinus 2 --> (02) (within terminal)
1 node_164 2 ==> 1 Sci amys prin cipa
1 Galileomys euryg 2 --> (12) (within terminal)
1 Sallahams pascual 2 --> (02) (within terminal)
2 Acritophi omy s bo 2 --> (012) (within terminal)

288 (Posterior cri) 1.000

1 Archetypesomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Coconmy s licaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys disi 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Canaanomys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavias ape rae 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys praece 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_167 0 ==> 1 node_166
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomy s ripari 0 --> (01) (within terminal)
1 Myocastor cusp 0 --> (01) (within terminal)
1 Proechimys cuv 0 --> (01) (within terminal)
1 Maruchi to trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chr ysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomatomy s 0 --> (01) (within terminal)
1 Mesocapromys/mys 0 --> (01) (within terminal)
1 Xenodonto mys sim 0 --> (01) (within terminal)
1 Ctenomys bolivia 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanatomy s 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 Prochimys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamy s emmons 0 --> (01) (within terminal)
1 Cavioircicetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)

   node_216 1 == 0 Tamquammys disp
   node_213 1 == 0 Ottomania proavi
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
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 node_159 1 --> 0 node_158
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys praeceu 0 --> (01) (within terminal)
1 Chambira mys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomyrs ripari 1 --> (01) (within terminal)
1 Myocastor coppus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito triol 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrysur 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Euryzygomaticys 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 Pithanomys 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 Adelphomyys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regul 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caviocricotus lu 1 --> (01) (within terminal)
1 Pleiscacarchi my 1 --> (01) (within terminal)
1 Eosallamyys paula 1 --> (01) (within terminal)
1 Shapajamyys laboc 1 --> (01) (within terminal)
1 Eobranisamyys rom 1 --> (01) (within terminal)
1 Eobranisamyys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
5 node_217 0 --> 1 node_216
1 Tamquammys disp 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)

290 (Anterior arm) 0.500
291 (Height of the) 0.250
<table>
<thead>
<tr>
<th>Taxon</th>
<th>Status</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Neostiromys pat 0</td>
<td>(01) (within terminal)</td>
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<tr>
<td>Chaetomys subsp 0</td>
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<td>Palaeostiromys 0</td>
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<td>Dolichotis patag 0</td>
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<td>Hydrochoerus hyd 0</td>
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<td>Cavia aperea 0</td>
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<td>Galea spixii 0</td>
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<td>Neoreomys australis 0</td>
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<tr>
<td>Microscelomys p</td>
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<tr>
<td>Scleromys quadra 0</td>
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<tr>
<td>Dryctomomys aequea 0</td>
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<td>Dinomys branicki 0</td>
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<td>Neoebblema ambrae 0</td>
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<td>Chinchilla lanigera 0</td>
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<td>Lagidium viscasei 0</td>
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<td>Ctenomyx boliviensis 0</td>
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<td>Octodon degus 0</td>
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<td>Abrocoma bennett 0</td>
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<td>Stichomys regularis 0</td>
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<td>Dudumus ruigomez 0</td>
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<td>Pampamyx emmonsa 0</td>
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<td>Caviocrictetus lu 0</td>
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<td>Plesiacerchiomyx 0</td>
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<td>Eobranisamyx rom 0</td>
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<td>Eobranisamyx jambatus 0</td>
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<td>Tarapotomys suba 0</td>
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<td>Thryonomys swinnd 0</td>
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<td>Baluchimys barrri 0</td>
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<td>Archetypochoerus erlichneri 0</td>
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<td>Cocomys ligia 0</td>
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<tr>
<td>Piceburhina woodi-E 0</td>
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</table>

295 (Development o) 1.000
Hsearch Consensus.out

1 Canaaniyms maqui 0 --> (01) (within terminal)
1 Protosteioyms m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Braniyamsyopsia a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou p 0 --> (01) (within terminal)
1 Steriromys detent 0 --> (01) (within terminal)
1 Hypsosteioyms a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteiromys 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 Cavlia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoremys austra 0 --> (01) (within terminal)
1 Braniasmys lurib 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 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 euryg 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neopicbilema 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 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Dracomboyms verai 0 --> (01) (within terminal)
1 Leucokophalos 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 Sciamys prinicipa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prosponomys pri 0 --> (01) (within terminal)
1 Spaniomyx ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechmys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimos chrysur 0 --> (01) (within terminal)
1 Makalata didelp 0 --> (01) (within terminal)
1 Protadelphomyx 0 --> (01) (within terminal)
1 Euryzygmatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenoontomys 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)

Pge p
Hsearch Consensus.out

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 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamyx emmons a 0 --> (01) (within terminal)
1 Caviocricus lu 0 --> (01) (within terminal)
1 Pallamys pascual 0 --> (01) (within terminal)
1 Mayomys conflu 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyx laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys u cayali e 0 --> (01) (within terminal)
1 Tarapotomyx mayo 0 --> (01) (within terminal)
1 Tarapotomyx suba 0 --> (01) (within terminal)
1 Cachiacycu kumme 0 --> (01) (within terminal)
1 Thrionomyx wind 0 --> (01) (within terminal)
1 Paraphiomyx pigo 0 --> (01) (within terminal)
1 Metaphiomyx scha 0 --> (01) (within terminal)
1 Acritophiomyx bo 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
1 node_217 1 --> 2 node_216
2 Tamquaamyx dispi 2 --> (012) (within terminal)
2 Ottomania proavi 2 --> (012) (within terminal)
1 node_119 2 == 1 Bugt i my x zafarul
2 node_207 2 == 0 node_206
2 Canaani mys m a qui 0 --> (012) (within terminal)
2 Protosteiromyx m 0 --> (012) (within terminal)
2 Neoosteiromyx pat 0 --> (012) (within terminal)
2 Palaeosteiromyx 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 Neoreomys austra 0 --> (012) (within terminal)
2 node_138 0 == 2 Brani samys lurib
2 node_139 0 == 2 Cuniculus pac-a-t
1 node_156 0 --> 1 node_155
2 Microscleromyx p 1 --> (012) (within terminal)
1 node_154 1 == 2 node_153
2 Scleromyx quada 2 --> (012) (within terminal)
2 Scleromyx angust 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 Caviocrictetus lu 0 --> (012) (within terminal)
2 Plesiacearchmys 0 --> (012) (within terminal)
2 Eosallamys paula 0 --> (012) (within terminal)
2 Shapajamyx laboc 0 --> (012) (within terminal)
2 Eobranisamys rom 0 --> (012) (within terminal)
2 Eobranisamys jav 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Thryonomys swind 2 --> (012) (within terminal)
2 Paraphiomys pigo 2 --> (012) (within terminal)
2 Metaphiomys scha 2 --> (012) (within terminal)
2 Baluchimys barry 2 --> (012) (within terminal)
297 (Anterior proj) 1.000

1 Archetypomys erl 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteirymys m 0 --> (01) (within terminal)
1 Neosteirymys pat 0 --> (01) (within terminal)
1 Palaeosteirymys 0 --> (01) (within terminal)
1 node_134 0 => 1 node_133
1 Potamarchus muri 0 --> (01) (within terminal)
1 Scleromys prae 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coop 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchiito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echoimys chrys 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Eurzygomatomi 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 Pithanatomys 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 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
Palaeosteiromys 0 --> (01) (within terminal)
Potamarchus muri 0 --> (01) (within terminal)
Scleromys praeccu 0 --> (01) (within terminal)
Chambiramys ship 0 --> (01) (within terminal)
Eoincamys parvus 0 --> (01) (within terminal)
Eoincamys valver 0 --> (01) (within terminal)
Prospanioms pri 0 --> (01) (within terminal)
Spaniomics ripari 0 --> (01) (within terminal)
Myocastor cuppus 0 --> (01) (within terminal)
Proechimys cuvice 0 --> (01) (within terminal)
Maruchito trilof 0 --> (01) (within terminal)
Thrichomyos apere 0 --> (01) (within terminal)
Echi mys chryscuru 0 --> (01) (within terminal)
Makalata didelph 0 --> (01) (within terminal)
Euryzygomaticmys 0 --> (01) (within terminal)
Mesocapromys/Mys 0 --> (01) (within terminal)
Xenodontomyx sim 0 --> (01) (within terminal)
Ctenomys bolivi 0 --> (01) (within terminal)
Neophanomys bipl 0 --> (01) (within terminal)
Pithanotomys col 0 --> (01) (within terminal)
Octodon degus 0 --> (01) (within terminal)
Spalacopus cyanu 0 --> (01) (within terminal)
Abrocoma bennett 0 --> (01) (within terminal)
Adelphomyx candi 0 --> (01) (within terminal)
Prostichomyx bow 0 --> (01) (within terminal)
Stichomyx regula 0 --> (01) (within terminal)
Dudunus rui gazem 0 --> (01) (within terminal)
Pampamys enmosa 0 --> (01) (within terminal)
Caviocrilicetus lu 0 --> (01) (within terminal)
Plesiacarechimys 0 --> (01) (within terminal)
Eosailamys paula 0 --> (01) (within terminal)
Eoboansamys rom 0 --> (01) (within terminal)
Eoboansamys jav 0 --> (01) (within terminal)
Tapapotomys suba 0 --> (01) (within terminal)
Thyronomys swind 0 --> (01) (within terminal)
Paraphiomys pigoi 0 --> (01) (within terminal)
Baluchimys barry 0 --> (01) (within terminal)
Cocomys ligchaen 0 --> (01) (within terminal)
Reithpropamys d 0 --> (01) (within terminal)
node_217 0 --> 1 node_216
Tamquaummys dispi 1 --> (01) (within terminal)
Chapattimys wils 1 --> (01) (within terminal)
Protosteir omym m 1 --> (01) (within terminal)
Neosteir omym pat 1 --> (01) (within terminal)
Erethizomorn dor 1 --> (01) (within terminal)
Chaetomys subspi 1 --> (01) (within terminal)
Palaeosteir omyns 1 --> (01) (within terminal)
Australoproctaf 1 --> (01) (within terminal)
Asteromyx punctu 1 --> (01) (within terminal)
Dolichotis pataq 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia aperea 1 --> (01) (within terminal)
Galea spixi 1 --> (01) (within terminal)
Neoreomyx austri 1 --> (01) (within terminal)
Cuniculus pacata 1 --> (01) (within terminal)
Eoincamys pascua 1 --> (01) (within terminal)
Microscleromys p 1 --> (01) (within terminal)
Scleromyx angust 1 --> (01) (within terminal)
Potamarchus muri 1 --> (01) (within terminal)
Neoeplibema amphib 1 --> (01) (within terminal)
Chinchillab lanig 1 --> (01) (within terminal)
Lagidium viscaci 1 --> (01) (within terminal)
Lagostomys maxini 1 --> (01) (within terminal)
Scleromyx osborn 1 --> (01) (within terminal)
Garri domys curt 1 --> (01) (within terminal)
Eoviscaccia fras 1 --> (01) (within terminal)
Scleromyx praeccu 1 --> (01) (within terminal)

Proportions of 0.500

302
Hsearch_Consensus.out

1 Chambiramys 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 Leucokcephalos zel 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 Protadelphomys l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucalalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_208 1 --> 0 Paraphiomys pigo
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Chapamenti mys wil 0 --> (01) (within terminal)
1 node_213 0 --> 1 Ottomania proavi
1 node_198 0 --> 1 node_141
1 Protosteirromys m 1 --> (01) (within terminal)
1 Neosteirromys pat 1 --> (01) (within terminal)
1 Er eth izon dorsat 1 --> (01) (within terminal)
1 Chaetomys subsp 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 Galea spixii 0 --> (01) (within terminal)
1 Neoreomys austri 0 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Microsclero my p 0 --> (01) (within terminal)
1 Sclero my angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoe piblema 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 Sclero my osborn 0 --> (01) (within terminal)
1 Garridomys cu rnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Sclero my praecu 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokcephalos zel 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 node_187 0 --> 1 Prospaniomys pri
1 node_171 0 --> 1 node_170
1 node_168 1 --> 0 Myocastor coypus
1 Protadelphomys l 0 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 node_185 0 --> 1 node_184
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucalalie 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_208
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)

303 (Trigonid widt) 0.125

304 (Paraconid (or) 1.000

Pge p
Hsearch Consensus.out

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 spixi 0 -- > (01) (within terminal)
1 Neoreomys austral 0 -- > (01) (within terminal)
1 Dasyprocta 0 -- > (01) (within terminal)
1 Cuniculus paca-t 0 -- > (01) (within terminal)
   node_157 0 -- > 1 node_156
1 Eoincamys paucua 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 Drytomonomys aqua 1 -- > (01) (within terminal)
1 Potamarchus muri 1 -- > (01) (within terminal)
1 Dinomys brandicki 1 -- > (01) (within terminal)
1 Neoepliema ambri 1 -- > (01) (within terminal)
1 Chinchilla lanig 1 -- > (01) (within terminal)
1 Lagidium viscase 1 -- > (01) (within terminal)
1 Lagostomus maxim 1 -- > (01) (within terminal)
1 Scleromys obsorn 1 -- > (01) (within terminal)
1 Garridomys 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 Eoincamys parvus 0 -- > (01) (within terminal)
1 Chamberly smy 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 Acaremym murinus 0 -- > (01) (within terminal)
1 Willidewu estepa 0 -- > (01) (within terminal)
1 Myocastor copyus 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 bolivie 0 -- > (01) (within terminal)
1 Neophanomys bipl 0 -- > (01) (within terminal)
1 Pithanatomy col 0 -- > (01) (within terminal)
1 Octodon deus 0 -- > (01) (within terminal)
1 Spallocypus cyanu 0 -- > (01) (within terminal)
1 Abrocoma bennett 0 -- > (01) (within terminal)
1 Adelphomys cangi 0 -- > (01) (within terminal)
1 Plesiacarechimys 0 -- > (01) (within terminal)
1 Eosallamympaula 0 -- > (01) (within terminal)
   node_200 0 -- > 1 Shapajamyys labc
1 Eobranisamyjnav 0 -- > (01) (within terminal)
1 Pozomys ucalalie 0 -- > (01) (within terminal)
1 Tarapotomys payo 0 -- > (01) (within terminal)
1 Tarapotomys suba 0 -- > (01) (within terminal)
1 Thryonomys wind 0 -- > (01) (within terminal)
1 Archetypomys erl 1 -- > (01) (within terminal)
1 Tribosphenomy m 1 -- > (01) (within terminal)
1 Cocomys lichaen 1 -- > (01) (within terminal)
1 Reithroparams d 1 -- > (01) (within terminal)
1 Birbalomys sonda 1 -- > (01) (within terminal)
1 Tamquammys disp 1 -- > (01) (within terminal)
1 Chapattymys wils 1 -- > (01) (within terminal)
   node_213 1 -- > 0 node_212
1 node_207 0 -- > 1 Phiomys hammudai
1 Eoespina wood-E 0 -- > (01) (within terminal)
1 Canaanmys maqui 0 -- > (01) (within terminal)
1 Protosteiromys m 0 -- > (01) (within terminal)
1 Eosteiromys homo 0 -- > (01) (within terminal)

306 (Development o) 0.500
Hsearch Consensus.out

1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudunus ruigomez 0 --> (01) (within terminal)
1 Pampamyx emmons 0 --> (01) (within terminal)
1 Cavicolletus luteolus 0 --> (01) (within terminal)
1 Plesiaceichomyx mespilus 0 --> (01) (within terminal)
1 Sallamyx pascual 0 --> (01) (within terminal)
1 Mayomys confuens 0 --> (01) (within terminal)
1 Eosallamyx paula 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys cupyalaie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thrannonomys wind 0 --> (01) (within terminal)
1 Paraphymys pigo 0 --> (01) (within terminal)
1 Metaphymys scha 0 --> (01) (within terminal)
1 Cocomyx ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquamyx dispi 0 --> (01) (within terminal)
1 Chappatimys wils 0 --> (01) (within terminal)

307 (Anterior cing) 0.500

1 "Waslamys" attia
1 node_120 0 ==> 1 node_209
1 Canaaniyx maqui 1 --> (01) (within terminal)
1 Protosteiromyx m 1 --> (01) (within terminal)
1 Neosteiromyx pat 1 --> (01) (within terminal)
1 Eretizone dorsati 1 --> (01) (within terminal)
1 Chaeotomyx subsp 1 --> (01) (within terminal)
1 Palaeosteiromyx 1 --> (01) (within terminal)
1 Australoprotacta 1 --> (01) (within terminal)
1 Asteromyx punct 1 --> (01) (within terminal)
1 Dolichotis patagon 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 Neoreomyx austr 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Microsscleromyx p 1 --> (01) (within terminal)
1 Scleromyx quad 1 --> (01) (within terminal)
1 Scleromyx angus 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neoepleblema amb 1 --> (01) (within terminal)
1 Chinchiilla lanig 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus max 1 --> (01) (within terminal)
1 Scleromyx osborn 1 --> (01) (within terminal)
1 Garridomyx curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromyx prae 1 --> (01) (within terminal)
1 Chambiramys 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 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys a 1 --> (01) (within terminal)
1 Williedew estepa 1 --> (01) (within terminal)
1 Protadelphomyx l 1 --> (01) (within terminal)
1 Mesopromys Mys 1 --> (01) (within terminal)
1 Abrocoma benne 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayali 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)

308 (*Position of *) 0.273

2 Cocomyx ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
<table>
<thead>
<tr>
<th>Node Name</th>
<th>Parent Node</th>
<th>Taxonomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eoincamys parvus</td>
<td></td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Chambiramys sylv</td>
<td></td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Eoincamys valver</td>
<td></td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Eoincamys ameghi</td>
<td></td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>node_195</td>
<td>node_194</td>
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310 (Metalphulid ) 0.600
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Pge p

312 (Labial connec) 0.500
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1 Willi dewu estepa 1 --> (01) (within terminal)
1 Protadelphomys/Mys 1 --> (01) (within terminal)
1 Mesocapromys/s 1 --> (01) (within terminal)
1 Xénodonthomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyan u 1 --> (01) (within terminal)
1 Abr ocoma bennett 1 --> (01) (within terminal)
1 Caviocricetus u 1 --> (01) (within terminal)
1 Plesiaacarechimys 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 node_200 1 --> 0 node_199
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Cocoy my lynchae 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chapattimys wil 1 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 Protosteirromys/m 1 --> (01) (within terminal)
1 Neosteirromys pat 1 --> (01) (within terminal)
1 Eri thizon dorsat 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteirromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 node_136 1 --> 0 node_135
1 Asteromys punct u 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 spixi 0 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Cuniculus pacu-t 1 --> (01) (within terminal)
1 Eoin camys pas cu 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 Neoepiblema amb 1 --> (01) (within terminal)
1 Chin chilla lani g 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccafrac 1 --> (01) (within terminal)

313 (Mesosty lid on) 0.571

Pge p
Hsearch_Consensus.out

1 Scleromyss praecu 1 --> (01) (within terminal)
1 Chambiramyss ship 1 --> (01) (within terminal)
1 Chambiramyss sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Dracoconomys verai 1 --> (01) (within terminal)
1 Leucokophalos 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 Willi dewu estepa 1 --> (01) (within terminal)
1 node_168 1 ==> 0 Spaniomys ripari
1 Protoadelophomys 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 Pithanomys 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 Caviocrictetus ju 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys uca yali e 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_208 1 ==> 0 Paraphiomys pigo
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyss lughaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Chapatti mmys wil 0 --> (01) (within terminal)
1 node_212 0 --> 1 node_120
1 Bugt mmys zafarul 1 --> (01) (within terminal)
1 Hodsa hbia azrae 1 --> (01) (within terminal)
1 node_209 0 --> 1 node_207
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 node_205 1 --> 0 node_204
1 node_141 0 --> 1 node_130
1 Protoste iromys m 1 --> (01) (within terminal)
1 Eoste iromys homo 1 --> (01) (within terminal)
1 Branisamypsis a 1 --> (01) (within terminal)
1 Neoste iromys t erinal 1 --> (01) (within terminal)
1 Er ethizon dorsat 1 --> (01) (within terminal)
1 Hyp soste iromys a 1 --> (01) (within terminal)
1 Chaetomys subs 1 --> (01) (within terminal)
1 Palaeoste iromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Aer tonymys punctu 0 --> (01) (within terminal)
1 Dolichoti s patag 0 --> (01) (within terminal)
1 Hydrochoer us 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 aust rale 0 --> (01) (within terminal)
1 Branisamys lurib 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_157 1 --> 0 node_156
1 Eoincamys pa cua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromyss quadra 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Pomatamychus muri 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Asteromys punctu 0 ---(01) (within terminal)
1 Dolichotis patag 0 ---(01) (within terminal)
1 Hyrdocoerus 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 Neoreomyx austria 0 ---(01) (within terminal)
1 Dasyprotaca 0 ---(01) (within terminal)
1 Cuniculus paca-t 0 ---(01) (within terminal)
1 Eoincamys pascua 0 ---(01) (within terminal)
1 Inca myx bolivian 0 ---(01) (within terminal)
1 Microscleromyx p 0 ---(01) (within terminal)
1 Scleromyx quadra 0 ---(01) (within terminal)
1 Scleromyx angust 0 ---(01) (within terminal)
1 Drytomomyx aequa 0 ---(01) (within terminal)
1 Potamarchus muri 0 ---(01) (within terminal)
1 Dinomys branicki 0 ---(01) (within terminal)
1 Neoeupiblemama ambr 0 ---(01) (within terminal)
1 Chinchilla lanig 0 ---(01) (within terminal)
1 Lagidium vescac 0 ---(01) (within terminal)
1 Lagostomus maxim 0 ---(01) (within terminal)
1 Scleromyx obsc 0 ---(01) (within terminal)
1 Garridomyx curtui 0 ---(01) (within terminal)
1 Eoviscaccia fras 0 ---(01) (within terminal)
1 Eoviscaccia aust 0 ---(01) (within terminal)
1 Scleromyx praecu 0 ---(01) (within terminal)
1 Eoincamys parvus 0 ---(01) (within terminal)
1 Chambiramyx silv 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 ---(01) (within terminal)
1 Platypittamyx br 1 ---(01) (within terminal)
1 Deseadomyx am 1 ---(01) (within terminal)
1 Acaremys murinus 1 ---(01) (within terminal)
1 Sciamys principa 1 ---(01) (within terminal)
1 Willidewu estepa 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 Echimys chrysuru 1 ---(01) (within terminal)
1 Makalata di 1 ---(01) (within terminal)
1 Protadelphomyx 1 ---(01) (within terminal)
1 Euryzygomaticomyx 1 ---(01) (within terminal)
1 Mesopromys/Mys 1 ---(01) (within terminal)
1 Xenodontomyx sim 1 ---(01) (within terminal)
1 Ctenomys bolivi 1 ---(01) (within terminal)
1 Neophanoymys bipl 1 ---(01) (within terminal)
1 Pithanotombox col 1 ---(01) (within terminal)
1 Octodon degus 1 ---(01) (within terminal)
1 Spalacopus cyanu 1 ---(01) (within terminal)
1 Abrocoma benett 1 ---(01) (within terminal)
1 Adelphomyx candi 1 ---(01) (within terminal)
1 Protisthymi bow 1 ---(01) (within terminal)
1 Stichomyx regula 1 ---(01) (within terminal)
1 Dudumus ruigomez 1 ---(01) (within terminal)
1 Pampaym y emmomsa 1 ---(01) (within terminal)
1 Caviocrictetus lu 1 ---(01) (within terminal)
1 Plesiaacarechi myx 1 ---(01) (within terminal)
1 Mayomys confluen 0 ---(01) (within terminal)
1 Eosailamyx paula 0 ---(01) (within terminal)
1 Shapajamyx laboc 0 ---(01) (within terminal)
1 Eobranisamyx j pay 0 ---(01) (within terminal)
1 Pozomys ucayalii 0 ---(01) (within terminal)
Hsearch_Consensus.out

1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiycuy kumme 0 --> (01) (within terminal)
1 Thryohomyms wind 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 Baluchimys barry 1 --> (01) (within terminal)
1 Archeypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithropararomys dur 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaomys dispi 0 --> (01) (within terminal)
1 Chapattiomys wil's 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodsaibía azrae 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 Parasteiromys term 0 --> (01) (within terminal)
1 Australoprocta af 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 Neoreomyms austra 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 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepli blemi 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 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys 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 Willi deu estepa 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 bolivia 0 --> (01) (within terminal)
1 Neophanomys bij 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrococa bennett 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucalial 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)

316 (Posterior iso) 1.000
Hsearch_Consensus.out

317 (Metaconid cri) 0.571

1 Baluchimys barry 0 --> (01) (within terminal)
1 Cocomy ligaehen 0 --> (01) (within terminal)
1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (within terminal)
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chapatti mys wterm 1 --> (01) (within terminal)
1 Eoespinawoodi-E 1 --> (01) (within terminal)
1 Canaanmys maqui 1 --> (01) (within terminal)
1 node_141 1 --> 0 node_130
1 Protoste romys m 0 --> (01) (within terminal)
1 node_126 0 --> 1 node_124
1 Eoste romys homo 1 --> (01) (within terminal)
1 Neoste romys pat 1 --> (01) (within terminal)
1 Ereti zon dorsat 0 --> (01) (within terminal)
1 Chaetomy s subspi 0 --> (01) (within terminal)
1 Palaeoste romys 1 --> (01) (within terminal)
1 Australop rocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromy s punc tu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavi a pere 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neore omys austra 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus pacat 1 --> (01) (within terminal)
1 Eoincam ys pascua 1 --> (01) (within terminal)
1 Micro scleromys p 1 --> (01) (within terminal)
1 Scleromy s quadra 1 --> (01) (within terminal)
1 Scleromy s angust 1 --> (01) (within terminal)
1 Potamar chus muri 1 --> (01) (within terminal)
1 Dinomy s branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium vis cac i 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromy s osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromy s praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincam ys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincam ys valver 1 --> (01) (within terminal)
1 Eoincam ys aeg nas 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucok phalos 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 Willidewu estega 1 --> (01) (within terminal)
1 node_191 1 --> 0 node_190
1 node_176 0 --> 1 node_173
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 node_171 1 --> 0 Thr ichomys aper e
1 Echimys chrysuru 1 --> (01) (within terminal)
1 Protadelphomy s l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodonto mys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi e 0 --> (01) (within terminal)
1 Pit hanatomy s 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 can di 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confluens 1 --> (01) (within terminal)
1 Shapajamyis laboc 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 node_209 1 --> 0 node_208
1 Thryonomys wind 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mymys disp 1 --> (01) (within terminal)
1 Chapatti mymys wil s 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Erethizon dorsi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 node_130 0 --> 1 node_129
1 Chaetomys subspl 1 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Astraloprotecta 0 --> (01) (within terminal)
1 Asteromy puctu 0 --> (01) (within terminal)
1 Dolicotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cala aper ea 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 Eolincamy pascu 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Sc eromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys brani cki 0 --> (01) (within terminal)
1 Neoepibelm aamb 0 --> (01) (within terminal)
1 Chin chilla lanig 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomus maxima 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscacia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambramy sylv 0 --> (01) (within terminal)
1 Eolincamys valtermi 0 --> (01) (within terminal)
1 Eolincamys ameghi 0 --> (01) (within terminal)
1 Draconomys venai 0 --> (01) (within terminal)
1 Leucokaphalos ze 0 --> (01) (within terminal)
1 Platypittamyss br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acar e myss murina 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Protadelphomyss 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 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyan 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Tarapotomys suba 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)

318 { Neocristid 1 } 1.000

Pge p

319 { Labial connect } 1.000
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Consensus</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birbalomys sonda</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Tamquaomys dispi</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Chattomyss wils</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Ottomaina proavi</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Bugtimys zafarul</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Hodsahibimys azrae</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>'Waslamys' attia</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Phiomys hammadai</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Cachiacylomys contad</td>
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</tr>
<tr>
<td>Eoespina woodii-E</td>
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<td>Canaanomys maqui</td>
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</tr>
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<td>Protosteirmys m</td>
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</tr>
<tr>
<td>Eosteirmys homo</td>
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<tr>
<td>Branismsamypsiss</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Neoosteirmys pat</td>
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</tr>
<tr>
<td>Erethizon dorsat</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
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<td>Coendou prehensii</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Steiromys detent</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Chaetomys subsi</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Palaeosteirmys</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Australoprocta f</td>
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<td>Luantus prophetic</td>
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<td>(within terminal)</td>
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<td>Asteromys punctu</td>
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<td>(within terminal)</td>
</tr>
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<td>Dolichotis patag</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Hydrochoerus hyd</td>
<td>0</td>
<td>(within terminal)</td>
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Hsearch Consensus.out

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1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramy ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys aemeghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucocephalos 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 Sciamys 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 cuppus 0 --> (01) (within terminal)
1 Proechimys cuvier 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrysuri 0 --> (01) (within terminal)
1 Makalata diadelph 0 --> (01) (within terminal)
1 Protadelphomys 0 --> (01) (within terminal)
1 Eurzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys / Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Clenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys 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 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamy emmons 0 --> (01) (within terminal)
1 Cavioricetus lu 0 --> (01) (within terminal)
1 Plesi acarechimys 0 --> (01) (within terminal)
1 Sialamys pascual 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosialamys paula 0 --> (01) (within terminal)

322 (Posterior arm) 0.600

Pge p
Hsearch_Consensus.out

1 Chaetomys subspli 1 --> (01) (within terminal)
1 Palaeoesteirromys 1 --> (01) (within terminal)
1 node_138 1 --> 0 node_137
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromyx punctat 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomys aust 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 quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branick 1 --> (01) (within terminal)
1 Neoepliblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium visc 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 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 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys syl 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconymys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 node_192 1 --> 0 node_167
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Galileomyx eury 0 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)
1 Spaniomyx ripari 1 --> (01) (within terminal)
1 node_169 1 == 0 Proechimys cuvie
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomyx aperi 1 --> (01) (within terminal)
1 Echimys chrysosu 1 --> (01) (within terminal)
1 Protadolphomyx 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomyx bolivi 1 --> (01) (within terminal)
1 Pitthatomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Brocooma bennett 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Shapajamyx laboc 1 --> (01) (within terminal)
1 Eobransiamys jav 1 --> (01) (within terminal)
1 Pozomysucayali e 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomyx swind 1 --> (01) (within terminal)
1 Hodsahibia azrae 3 --> (03) (within terminal)
1 node_120 3 ==> 0 Waslanyx attia
1 Cachiyacuy conta 3 --> (03) (within terminal)
1 Eoespina woodi-E 3 --> (03) (within terminal)
1 node_122 3 == 2 Canaanimys maqui
1 node_141 3 --> 4 node_130
1 node_124 4 --> 1 node_123

323 (Lingual conne) 0.800
Hsearch_Consensus.out

1 Coendou prehensil 4 --> (14) (within terminal)
1 node_197 3 ==> 0 node_196
1 Incamys bolivian 0 --> (03) (within terminal)
1 node_168 0 ==> 3 Myocastor corpus
1 node_186 0 ==> 2 node_185
1 Stichomys regula 2 --> (02) (within terminal)
2 Cavio cricetulus lu 0 --> (023) (within terminal)
1 Plesiacarechimys 0 --> (02) (within terminal)
1 Sallamys pascual 0 --> (03) (within terminal)
1 Mayomys confuen 0 --> (02) (within terminal)
1 node_209 3 --> 0 node_208
1 Metaphiomyys sccha 3 --> (03) (within terminal)
1 node_213 0 ==> 1 Ottomania proavi
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (02) (within terminal)
1 node_154 0 --> 1 node_153
1 Eosalamys pula 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphonomys ethomys m 1 --> (01) (within terminal)
1 Coecomyys ligchaen 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chaptomys wils 1 --> (01) (within terminal)
1 node_213 1 ==> 0 Ottomania proavi
1 node_119 1 ==> 0 Hodshahibia azrae
1 node_207 1 ==> 0 Phiomys hammudai
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Neosteimys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensil 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteimys 1 --> (01) (within terminal)
1 node_141 1 --> 0 node_140
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 Neoreomyus austral 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 node_157 1 --> 0 node_156
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 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoeohipplema 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 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praece 0 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
2 Tamqua ammys dispi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
1 Bugtimys zafarul 0 --> (011) (within terminal)
2 Waslammys atti a 0 --> (012) (within terminal)
1 Cachiyacuy conta 0 --> (011) (within terminal)
1 Eoespina woodi - E 0 --> (011) (within terminal)
2 Protosteirymys m 0 --> (012) (within terminal)
1 node_124 0 --> 1 node_123
2 Neosteirymys pat 1 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (012) (within terminal)
1 node_127 0 ==> 1 Steirymys detent
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteirymys 0 --> (012) (within terminal)
2 Australoproctaf 0 --> (012) (within terminal)
1 Luantus propheti 0 --> (011) (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 austral 0 --> (012) (within terminal)
2 Cuniculus pacat 0 --> (012) (within terminal)
1 node_197 0 --> 1 node_196
1 node_195 1 --> 0 node_161
2 Eoincamys pas cu 0 --> (012) (within terminal)
2 Microscleromys p 0 --> (012) (within terminal)
2 Scleromys angust 0 --> (012) (within terminal)
2 Potamarchus muri 0 --> (012) (within terminal)
2 Dinomys branicki 0 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys currnu 0 --> (012) (within terminal)
2 Eoviscaccia fras 0 --> (012) (within terminal)
2 Scleromys praecu 0 --> (012) (within terminal)

Pge p
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<td><em>Abrocoma</em> bennett</td>
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329 (Neomesolophid) 0.529
Hsearch_Consortium.out

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1 Mayomys confuksen 1 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucalalies 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyaucuy kumme 1 --> (01) (within terminal)
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1 Thryonomys swind 0 --> (01) (within terminal)
1 Metaphiomysscha 1 --> (01) (within terminal)
1 Acritophiomyssno 1 --> (01) (within terminal)
1 Archetypomyssdelay 0 --> (01) (within terminal)
1 Tribosphenomyssm 0 --> (01) (within terminal)
1 Coomys ligmaen 0 --> (01) (within terminal)
1 Reithroparmyssno 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaomyssdispi 0 --> (01) (within terminal)
1 Chapattimyswilis 0 --> (01) (within terminal)
1 Bugtimyszafarul 0 --> (01) (within terminal)
1 Hodasabiaazraine 0 --> (01) (within terminal)
1 Waslamsattia 0 --> (01) (within terminal)
1 Cachiyaucuy conta 1 --> (01) (within terminal)
1 Canaanimymaqui 1 --> (01) (within terminal)
1 Protosteiromyssm 1 --> (01) (within terminal)
1 node_124 1 == 0 Eosteiromys homo
1 Neosteiromyspat 1 --> (01) (within terminal)
1 Erethizondorsat 1 --> (01) (within terminal)
1 Coendouprehensi 1 --> (01) (within terminal)
1 Steiromymdetent 1 --> (01) (within terminal)
1 Hyposteiromyma 1 --> (01) (within terminal)
1 Chaetomymsubspi 1 --> (01) (within terminal)
1 Palaeoesteiromys 1 --> (01) (within terminal)
1 Australoprocta 1 --> (01) (within terminal)
1 Luantuspropheti 1 --> (01) (within terminal)
1 Asteroymspunctu 1 --> (01) (within terminal)
1 Dolichotispatag 1 --> (01) (within terminal)
1 Hydrochoerusy 1 --> (01) (within terminal)
1 Caviaaperea 1 --> (01) (within terminal)
1 Galeaspixii 1 --> (01) (within terminal)
1 Perimysintermed 1 --> (01) (within terminal)
1 Neoreomysaustral 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculuspace 1 --> (01) (within terminal)
1 Eoincamyspascua 1 --> (01) (within terminal)
1 Microscleromysp 1 --> (01) (within terminal)
1 Scleromysquadra 1 --> (01) (within terminal)
1 Scleromyangust 1 --> (01) (within terminal)
1 Drytomoymaqua 1 --> (01) (within terminal)
1 Potamarchusmuri 1 --> (01) (within terminal)
1 Dinomysbranicki 1 --> (01) (within terminal)
1 Neoeptilemmaambr 1 --> (01) (within terminal)
1 Chinchillalanig 1 --> (01) (within terminal)
1 Lagidiumviscaci 1 --> (01) (within terminal)
1 Lagostomomaxim 1 --> (01) (within terminal)
1 Scleromysosborn 1 --> (01) (within terminal)
1 Garridomyscurru 1 --> (01) (within terminal)
1 Eoviscacciafras 1 --> (01) (within terminal)
1 Eoviscacciaaustral 1 --> (01) (within terminal)
1 Scleromysprae 1 --> (01) (within terminal)
1 Chambiramymph 1 --> (01) (within terminal)
1 Eoincamysparvus 1 --> (01) (within terminal)
1 Chambiramysylv 1 --> (01) (within terminal)
1 Eoincamysvalver 1 --> (01) (within terminal)
1 Eoincamysameghi 1 --> (01) (within terminal)
1 node_195 1 --> 0 node_194
1 Draconomysvare 1 --> (01) (within terminal)
1 Leucokephalosze 0 --> (01) (within terminal)
1 Platypittamysbr 0 --> (01) (within terminal)

330 (Length of the) 0.500
Hsearch_Consensus.out

1 Neoepiblema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramysship 0 --> (01) (within terminal)
1 Eoincayms parvus 0 --> (01) (within terminal)
1 Chambiramyssylv 0 --> (01) (within terminal)
1 Eoincayms valver 0 --> (01) (within terminal)
1 Eoincayms ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokophalozeso 0 --> (01) (within terminal)
1 Platypittamyssbr 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremynsmurinus 0 --> (01) (within terminal)
1 Willidewu estega 0 --> (01) (within terminal)
1 Spaniomyssripari 0 --> (01) (within terminal)
1 Proechimys cuviers 0 --> (01) (within terminal)
1 Maruchito trifol 0 --> (01) (within terminal)
1 Thrichomyssapere 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalatadeldelph 0 --> (01) (within terminal)
1 Protadelphomyssbr 0 --> (01) (within terminal)
1 Mesocarpromyssmys 0 --> (01) (within terminal)
1 Xenodontomysssim 0 --> (01) (within terminal)
1 Ctenomysis bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pitphanomysscol 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocomabennett 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pammyssemmons 0 --> (01) (within terminal)
1 Sallamyspascual 0 --> (01) (within terminal)
1 Shapajamysslabc 0 --> (01) (within terminal)
1 Eobranismsamysrom 0 --> (01) (within terminal)
1 Eobranismsjav 0 --> (01) (within terminal)
1 Pozomysucayalie 0 --> (01) (within terminal)
1 Tarapotomyssmayo 0 --> (01) (within terminal)
1 Tarapotomysssuba 0 --> (01) (within terminal)
1 Cachiycuykumme 0 --> (01) (within terminal)
1 Thryonomysswind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Balmomyssbarry 0 --> (01) (within terminal)
1 Tribosphenomyssm 0 --> (01) (within terminal)
1 Cocomyssigchaen 0 --> (01) (within terminal)
1 Reithroparamyd 0 --> (01) (within terminal)
1 node 217 0 --> 1 node 216
1 Tamquammys ditspi 1 --> (01) (within terminal)
1 Chapattimyswils 1 --> (01) (within terminal)
1 node 120 1 ==> 0 node 119
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Protosteiromyssm 0 --> (01) (within terminal)
1 Neosteiromysspatt 1 --> (01) (within terminal)
1 Erehizondorsat 1 --> (01) (within terminal)
1 Coendouprehensi 1 --> (01) (within terminal)
1 Steiromyssdetent 1 --> (01) (within terminal)
1 Chaetomysssubpi 1 --> (01) (within terminal)
1 Palaeosteiromyss 1 --> (01) (within terminal)
1 Australoproctaf 1 --> (01) (within terminal)
1 Luantuspropheti 1 --> (01) (within terminal)
1 Asteromysspunctu 1 --> (01) (within terminal)
1 Dolichotispatag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)

332 (Mesoconid on ) 0.667

Pge p
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<th>Species</th>
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<td>Perimys intermedi</td>
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<tr>
<td>Neoreomyx australis</td>
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<tr>
<td>Dasyprocta</td>
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<tr>
<td>Cuniculus paca-tatii</td>
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<tr>
<td>Eoincamys pascua</td>
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<tr>
<td>Microscleromys p</td>
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<td>Scleromys quadra</td>
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<tr>
<td>Scleromys angustus</td>
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<td>Dryomomys aequus</td>
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<tr>
<td>Potamarchus nursegii</td>
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<tr>
<td>Dinomys brancikii</td>
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<tr>
<td>Neoepliema ambrus</td>
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<td>Chinchiilla lanigera</td>
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<td>Lagidium viscacia</td>
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<tr>
<td>Lagostomus maximus</td>
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</tr>
<tr>
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<tr>
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<td>Eoincamys ameghi</td>
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<tr>
<td>Draconomys verai</td>
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<td>Leucokcephalus zeze</td>
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<td>Platypittamys brachyotis</td>
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<tr>
<td>Deseadomys arambus</td>
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<td>Acaromys murinus</td>
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<td>Sciameys principa</td>
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<td>Galileomys euryyg</td>
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<td>Willi demew estepaa</td>
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<td>Spaniomyx ripari</td>
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<td>Myocastor cupillus</td>
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<td>Echiomys chrysurui</td>
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<tr>
<td>Makalata didelphi</td>
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<tr>
<td>Protadelphomyx</td>
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<tr>
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<tr>
<td>Ctenomys boliviensis</td>
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<td>Neophanomys biplagiatorii</td>
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<td>Octodon degus</td>
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<tr>
<td>Spalacopus cyanus</td>
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<td>Adelphomyx candidus</td>
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<td>Pampamyx emmonsia</td>
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<tr>
<td>Caviocrisetus luhnerianus</td>
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<tr>
<td>Eosallamys paulina</td>
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<tr>
<td>Eobraniasamy javanicus</td>
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<tr>
<td>Pozomys ucayalici</td>
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<td>Tarapotomys subai</td>
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<td>Thryonomys windi</td>
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<td>Cocomyx lighthouse</td>
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<tr>
<td>Reithoparamys davis</td>
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<tr>
<td>Tamquaomyx disipata</td>
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<td>Chapattimys wilsoni</td>
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<tr>
<td>node_214 0 == node_213</td>
<td>1 (within terminal)</td>
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</tbody>
</table>

333 (Mesolophid on) 0.500
Hsearch_Consensus.out

1 node_209 1 --> 0 node_208
1 Thryonomysswind 0 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 node_120 0 --> 2 node_119
1 Hodshahibia azae 2 --> (02) (within terminal)
1 Cachyacucy conta 0 --> (02) (within terminal)
1 node_204 0 --> 1 node_201
1 node_201 1 --> 2 node_198
1 node_126 2 --> 1 node_125
1 Steiromys detent 2 --> (02) (within terminal)
1 node_138 2 --> 0 node_137
1 Luantus propheti 0 --> (01) (within terminal)
1 node_165 2 ==> 0 Galileomys euryg
1 node_186 2 --> 0 node_185
1 node_188 2 ==> 1 Dudumus ruigomez
1 Caviocricetus lu 2 --> (02) (within terminal)
1 node_191 2 ==> 1 Plesi acar echimys
1 Plesi acar echimys 1 --> (01) (within terminal)
1 Mayomys confluen 2 --> (02) (within terminal)
1 Eosallamys paula 2 --> (12) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)

334 (Lingual conne) 0.632

335 (Mesial ectolo) 1.000

1 Archethypomys erl 1 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Tamqua mymys disp 1 --> (01) (within terminal)
1 Chapatti mys wils 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erechtizon dorsat 1 --> (01) (within terminal)
1 Chaetomys subsymi 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 aperae 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 Dinomys branicki 1 --> (01) (within terminal)
1 Neopegliblema amb 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium vis caci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys prae 1 --> (01) (within terminal)
1 Chambirisamyssylv 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 Leucokcephalooze 1 --> (01) (within terminal)
1 Platypitamyssbr 1 --> (01) (within terminal)
1 Deseadomys a ramb 1 --> (01) (within terminal)
1 Willi dewustega 1 --> (01) (within terminal)
1 Spaniomys riparii 1 --> (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 Pithanotomys col 1 --> (01) (within terminal)

Pge p
Hsearch Consensus.out

1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomys wind 1 --> (01) (within terminal)
1 Parahiosmy pigo 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomy ligmaen 0 --> (01) (within terminal)
1 Reithropar ams d 0 --> (01) (within terminal)
1 Bir balomys sonda 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapatti my wils 0 --> (01) (within terminal)

node 213 0 ==> 1 node 212
1 Bugtime s zafarul 1 --> (01) (within terminal)
1 Hodsihibia azrae 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protoste rormys m 1 --> (01) (within terminal)
1 Neoeste rormys par 1 --> (01) (within terminal)
1 Erethizon dorsi 1 --> (01) (within terminal)
1 Hypsist eirormys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Paleaoste rormys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Asteromy s punctu 1 --> (01) (within terminal)
1 Dollichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavalia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neoreomys aust 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium vizcaci 1 --> (01) (within terminal)
1 Lagostomus max 1 --> (01) (within terminal)
1 Scleromy s o 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscacca fras 1 --> (01) (within terminal)
1 Scleromy s praecu 1 --> (01) (within terminal)
1 Chambiramy 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 Leucokapha losze 1 --> (01) (within terminal)
1 Platypit tamys br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Spaniomy s ripari 1 --> (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 bolivi 1 --> (01) (within terminal)
1 Pithanatomy s cole 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)

336 (Orientation o) 1.000
340 (*Position of ) 0.412

Hsearch_Consensus.out
1 Eosallamys paula 0
1 Eobranisamys jav 1
1 Pozomys ucayalie 1
1 Tarapotomys mayo 1
1 Tarapotomys suba 1
1 Cachiyacuy kumme 1
1 Thryonomys swind 0
2 Cocomys ligchaen 0

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1
node_218 0 -->
2 Reithroparamys d 1 -->
2 Tamquammys dispi 1 -->
2 Chapattimys wils 1 -->
2 Hodsahibia azrae 1 -->
1
node_212
1
node_207
1 Cachiyacuy conta
1
node_122
1
node_198
2 Protosteiromys m

1
2
2
2
2
1

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==>
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2 Neosteiromys pat 1 -->
2 Erethizon dorsat 1 -->
1
node_130 1 -->
2 Chaetomys subspi 0 -->
2 Palaeosteiromys

1 -->

2 Australoprocta f 1 -->
1
node_136 1 -->
2 Asteromys punctu 2 -->
2 Dolichotis patag 2 -->
2 Hydrochoerus hyd 2 -->
2

Cavia aperea 2 -->

2

Galea spixii 2 -->

2 Neoreomys austra 1 -->
2 Cuniculus paca-t 1 -->
2 Eoincamys pascua 2 -->
2 Microscleromys p 2 -->
2 Scleromys angust 2 -->
2 Drytomomys aequa 2 -->
2 Potamarchus muri 2 -->
2 Neoepiblema ambr 2 -->
2 Chinchilla lanig 2 -->
2 Lagidium viscaci 2 -->
2 Lagostomus maxim 2 -->
Pge p

(01) (within terminal)
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(012) (within
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1 node_217
(012) (within
terminal)
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(012) (within
terminal)
(012) (within
terminal)
2 node_211
1 Phiomys hammudai
(12) (within terminal)
1 Canaanimys maqui
1 node_141
(012) (within
terminal)
(012) (within
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(012) (within
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0 node_129
(012) (within
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(012) (within
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(012) (within
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Hsearch_Consensus.out

2 Scleromys osborn 2 --> (012) (within terminal)
2 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Eoincamys ameghi 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypttammys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
1 node_188 2 ==> 1 node_187
1 node_182 1 ==> 2 node_176
1 node_169 2 ==> 1 node_168
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 1 --> (012) (within terminal)
2 Ctenomys bolivie 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 Abrocomus bennett 1 --> (012) (within terminal)
1 Mayomys confluen 2 --> (12) (within terminal)
1 Eosallamys paula 2 --> (12) (within terminal)
1 node_200 2 --> 1 node_199
2 Eobranisamy's jav 1 --> (012) (within terminal)
2 Pozomys ucyalie 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
1 node_214 1 ==> 2 Baluchimys bary
1 Archetypomys-erl 1 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 Reithoparamys d 1 --> (01) (within terminal)
1 Tamquamy's disp i 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 node_214 1 ==> 0 node_213
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 node_205 0 ==> 1 node_122
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 node_141 0 --> 1 node_130

341 (Posterior iso) 0.846
Hsearch_Consensus.out

1    Galea spixii 1 --> (01) (within terminal)
1   Neoreomyx austral 1 --> (01) (within terminal)
1 Cuniculus pacat 1 --> (01) (within terminal)
1   Eoincamyx pascua 1 --> (01) (within terminal)
1    Microscleromyx pans 1 --> (01) (within terminal)
1    Scleromyx angust 1 --> (01) (within terminal)
1    Potamarchus muri 1 --> (01) (within terminal)
1    Neoeipilema ambra 1 --> (01) (within terminal)
1    Chinchilla lani 1 --> (01) (within terminal)
1    Lagidium viscaci 1 --> (01) (within terminal)
1    Lagostomus maxim 1 --> (01) (within terminal)
1   Scleromyx osborn 1 --> (01) (within terminal)
1   Garritomyx curru 1 --> (01) (within terminal)
1   Eoviscacia fras 1 --> (01) (within terminal)
1    Scleromyx prae cu 1 --> (01) (within terminal)
1  Chambiramy syl 1 --> (01) (within terminal)
1   Eoincamyx valver 1 --> (01) (within terminal)
1   Eoincamyx ameghi 1 --> (01) (within terminal)
1    Dronatomyx vera 1 --> (01) (within terminal)
1    Leucokcephalo ze 1 --> (01) (within terminal)
1    Platypitamyx br 1 --> (01) (within terminal)
1    Deseadomyx aramb 1 --> (01) (within terminal)
1    Acaramyx murinus 1 --> (01) (within terminal)
1    Williedew estepa 1 --> (01) (within terminal)
1    Protadelphomyx la 1 --> (01) (within terminal)
1   Mesocapromy us/Mys 1 --> (01) (within terminal)
1    Xenodontomyx sim 1 --> (01) (within terminal)
1    Ctenomyx bolivi 1 --> (01) (within terminal)
1    Pithanatomyx 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    Eobraniamyx jaw 1 --> (01) (within terminal)
1   Pozomyx ucalalie 1 --> (01) (within terminal)
1    Tarapatomyx suba 1 --> (01) (within terminal)
1    Archetypo mys erl 0 --> (01) (within terminal)
1   Tribosphenomyx m0 0 --> (01) (within terminal)
1    Cocomymy xligchaen 0 --> (01) (within terminal)
1    Reithroparamy ys d 0 --> (01) (within terminal)
1    Tamquamy xdispi 0 --> (01) (within terminal)
1    Chaptattyx wilis 0 --> (01) (within terminal)
1    Protosteiromy x m0 0 --> (01) (within terminal)
1   Neosteiriomy x pat 0 --> (01) (within terminal)
1   Chaetomyx subspi 0 --> (01) (within terminal)
1    Palaeeostiromy x 0 --> (01) (within terminal)
1   Australoprocta f 0 --> (01) (within terminal)
1    Asteromyx 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   Neoreomyx austral 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1   Eoincamyx pascua 0 --> (01) (within terminal)
1   Microscleromyx p 0 --> (01) (within terminal)
1 node 154 0 --> 1 node 153
1    Scleromyx angust 1 --> (01) (within terminal)
1    Potamarchus muri 1 --> (01) (within terminal)
1   Dinosomyx branicki 1 --> (01) (within terminal)
1    Neoeipilema ambra 1 --> (01) (within terminal)
1    Chinchilla lani 1 --> (01) (within terminal)
1    Lagidium viscaci 1 --> (01) (within terminal)
1    Lagostomus maxim 1 --> (01) (within terminal)
1    Scleromyx osborn 1 --> (01) (within terminal)
1    Garritomyx curru 1 --> (01) (within terminal)
1   Eoviscacia fras 1 --> (01) (within terminal)
1   Eoviscacia trat 1 --> (01) (within terminal)
1   Scleromyx prae cu 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chapatti mys wils 1 --> (01) (within terminal)
1 Phiomys hammudai 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 aper ea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neoreomys austral 1 --> (01) (within terminal)
1 Eoincamys spascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoeptilblema amb 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 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Chambiramy 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 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys mir rius 1 --> (01) (within terminal)
1 Platyhydrops my s 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Lagamys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Pit anatomys 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 Eobrannisamy s jay 1 --> (01) (within terminal)
1 Pozomys uca yali 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
2 Cocomys ligungaen 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)

347 (*Height of th) 0.500

2 Reithroparamys d 1 --> (01) (within terminal)
1 node_217 1 --> 2 node_216
2 Tamquammys dispi 2 --> (01) (within terminal)
2 Chapatti mys wils 2 --> (01) (within terminal)
2 Phiomys hammudai 2 --> (01) (within terminal)
2 Eoeespina woodi-E 2 --> (01) (within terminal)
2 Protosteiromys m 2 --> (01) (within terminal)
2 Neosteiromys pat 2 --> (01) (within terminal)
2 Erethizon dorsat 2 --> (01) (within terminal)
Hsearch_Consensus.out
2 Draconomyss verai 0 -->(012) (within terminal)
2 Leucokcephalos 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 Sciamys principa 0 -->(012) (within terminal)
2 Galileomys euryg 0 -->(012) (within terminal)
2 Willidewu estepa 0 -->(012) (within terminal)
2 Prospaniomys pri 0 -->(012) (within terminal)
2 Spaniomyss ripari 0 -->(012) (within terminal)
2 Maruchito trilof 0 -->(012) (within terminal)
2 Thrichomys apere 0 -->(012) (within terminal)
2 Echimys chrysur 0 -->(012) (within terminal)
2 Makalata didelph 0 -->(012) (within terminal)
2 Protadelphomys l 0 -->(012) (within terminal)
2 Euryzygomatomyss 0 -->(012) (within terminal)
2 Mesocapromys / Mys 0 -->(012) (within terminal)
2 Xenodontomys sim 0 -->(012) (within terminal)
2 Ctenomys bolivie 0 -->(012) (within terminal)
2 Neophanomys bipl 0 -->(012) (within terminal)
2 Pithanatomyss 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 Prostichomys candi 0 -->(012) (within terminal)
2 Stichomys regula 0 -->(012) (within terminal)
2 Dudumus ruigomez 0 -->(012) (within terminal)
2 Pampamyss emmons 0 -->(012) (within terminal)
2 Caviocricetus lu 0 -->(012) (within terminal)
2 Plesiacarechimys 0 -->(012) (within terminal)
2 Sallamys pascual 0 -->(012) (within terminal)
2 Eobraniams rom 2 -->(012) (within terminal)
2 Eobraniams jav 2 -->(012) (within terminal)
Hsearch_Consensus.out

1 node_204 2 --> 1 node_203
2 Pozomys ucayalie 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Thryonomys swind 2 --> (012) (within terminal)

348 (Length of the) 1.000

1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquaamyms disp 0 --> (01) (within terminal)
1 Chappatt myms wil s 0 --> (01) (within terminal)
1 Waslamys 'attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Prosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Eretizone dorsat 0 --> (01) (within terminal)
1 Chaetotomys subsp 0 --> (01) (within terminal)
1 Palaeosteiromys 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 aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomys aust 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 Microsscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys an gus 0 --> (01) (within terminal)
1 Drytomomys ae qua 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepli blema ambr 0 --> (01) (within terminal)
1 Chinchill a lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus max i m 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eoiniscaccia fras 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypit tamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Aca remys murinus 0 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Mesocapromys i 0 --> (01) (within terminal)
1 Xenodontomys si m 0 --> (01) (within terminal)
1 Ctenomys boliv e 0 --> (01) (within terminal)
1 Pithanatomyms 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 Papamys emmons 0 --> (01) (within terminal)
1 Eobranchiamys j a v 0 --> (01) (within terminal)
1 Pozomys ucayali e 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribophenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquaamyms disp 0 --> (01) (within terminal)

349 (Anteroflexid) 0.500

Pge p
Hsearch_Consensus.out

1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 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 Garridomys curru 0 --> (01) (within terminal)
1 Evoiscaccia bras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Evoiscamy valver 0 --> (01) (within terminal)
1 Evoiscamy ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokaphalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Protadelphomyss l 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)

1 node_181 0 ==> 1 node_178
1 Abrocoma benne 0 --> (01) (within terminal)
1 Eobraniamy s av 0 --> (01) (within terminal)
1 Pozomy ucayali e 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Paraphromys pig 0 --> (01) (within terminal)
1 Archetypomyss erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomy lycgaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamaqummys nisp 0 --> (01) (within terminal)
1 Chappatti mys wil 0 --> (01) (within terminal)
1 Protossteiromys m 0 --> (01) (within terminal)
1 Neosteieromys pat 0 --> (01) (within terminal)
1 Erethizon dorn sa 0 --> (01) (within terminal)
1 Chaetomys subs 0 --> (01) (within terminal)
1 Palaeosteieromys 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 Neoeromys aust 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Evoiscamy pascua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 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 Garridomys curru 0 --> (01) (within terminal)
1 Evoiscaccia bras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Evoiscamy valver 0 --> (01) (within terminal)
1 Evoiscamy ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokaphalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Protadelphomyss l 0 --> (01) (within terminal)

351 (Metaflexid on) 1.000

Pge p
Hsearch_Consensus.out

1 Mesocapromys/Mys 0 -->(01) (within terminal)
1 node_182 0 ==>(1 node_181
1 Abrocoma bennett 0 -->(01) (within terminal)
1 Eobranisamys jav 0 -->(01) (within terminal)
1 Pozomys ucayalie 0 -->(01) (within terminal)
1 Tarapotomys suba 0 -->(01) (within terminal)
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 Ottomania proavi 2 -->(012) (within terminal)
2 Neosteiromys pat 2 -->(012) (within terminal)
2 Chaetomys subsip 2 -->(012) (within terminal)
2 Potamarchus muri 2 -->(012) (within terminal)
2 Neophanomys bipl 2 -->(012) (within terminal)
2 Eosallamys paula 2 -->(012) (within terminal)
2 Thryonomys swind 2 -->(012) (within terminal)
2 Acritophiomys bo 2 -->(012) (within terminal)

352 (*Trigonid hei) 0.667

353 (Trigonid widt) 0.125

354 (*Length of m3) 0.360

2 Archetypomys erl 0 -->(012) (within terminal)
1 node_219 0 -->(1) Tribosphenomys m
2 Chapattimys wils 0 -->(012) (within terminal)
2 Ottomania proavi 0 -->(012) (within terminal)
2 Hodsahibia azrae 0 -->(012) (within terminal)
2 'Waslamys' attia 0 -->(012) (within terminal)
1 node_212 0 -->(1) node_211
2 Phiomys hammudai 1 -->(012) (within terminal)
2 Cachiyacuy conta 1 -->(012) (within terminal)
2 Eoespina woodi-E 1 -->(012) (within terminal)
2 Canaanimys maqui 1 -->(012) (within terminal)
2 Protosteiromys m 1 -->(012) (within terminal)
1 node_126 1 -->(2 node_124
2 Eosteiromys homo 2 -->(012) (within terminal)
1 Steiromys detent 1 -->(01) (within terminal)

Pge p
Hsearch Consensus.out
2 Hypsosteiromyms a 1 --> (012) (within terminal)
2 Palaeosteiromyms 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 spixi
1 node_138 1 --> 2 Branisamys lurib
1 node_198 1 --> 2 node_197
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Microscleromyms p 2 --> (012) (within terminal)
1 node_149 2 --> 1 node_148
2 Potamarchus muri 1 --> (012) (within terminal)
2 Neoepiblema 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 Scleromyms praecl 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys 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 Leucokcephaloš ze 1 --> (012) (within terminal)
1 node_167 2 --> 1 node_166
1 Sciams princi p 1 --> (01) (within terminal)
1 node_190 2 --> 1 node_189
2 Prospaniomyms pri 1 --> (012) (within terminal)
1 node_173 1 --> 0 node_171
2 Spaniomyms ripari 0 --> (012) (within terminal)
1 node_169 0 --> 1 Proechi myms cuvie
2 Maruchito trilofo 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 Pithanotomys col 2 --> (012) (within terminal)
2 Adelphomyms candi 1 --> (012) (within terminal)
1 node_184 1 --> 2 Prostichomyms bow
2 Mayomyms confuen 2 --> (012) (within terminal)
2 Eosallamyms paula 2 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys ucayalie 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

355 (*Distance bet) 0.800

2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
2 Archetypomys erl 2 node_219 0 --> 2 Tribosphenomys m
1 node_215 0 ==> 1 node_214
2 Chaetomys subspi 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 Permys intermed 1 --> (012) (within terminal)
1 Branisamys lurib 1 --> (12) (within terminal)
1 Incamys bolivian 1 --> (12) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)
2 Drytomiomys aequa 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
2 Neoeptiblema 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 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys currn 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 Chambiramys ship 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Makalata didelph 1 --> (012) (within terminal)
2 Euryzygomatymys 1 --> (012) (within terminal)
Hsearch_Consensus.out

2 MesoCapromys/Mys 1 --> (012) (within terminal)
2 Xenodontomys_sim 1 --> (012) (within terminal)
2 Ctenomys_bolivie 1 --> (012) (within terminal)
2 Pithanotomys_col 1 --> (012) (within terminal)
2 Spalacopus_cyanu 1 --> (012) (within terminal)
2 Abrocoma_bennett 1 --> (012) (within terminal)
2 Adelphomys_candi 1 --> (012) (within terminal)
2 Pampamys_emmonsa 1 --> (012) (within terminal)
2 Tarapotomys_suba 1 --> (012) (within terminal)

356 {Anterocinguli} 0.667

1 node_218 0 --> 1 node_217
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys_sonda 1 --> (01) (within terminal)
1 Tamquamys_dispi 1 --> (01) (within terminal)
1 Chapattimys_wils 1 --> (01) (within terminal)
1 node_120 1 ==> 0 'Wasl amys' attia
1 node_210 1 ==> 0 node_209
1 Phiomys_hammudai 0 --> (01) (within terminal)
1 Potamarchus_muri 0 --> (01) (within terminal)
1 Eoincamys_valver 0 --> (01) (within terminal)
1 Tribosphenomys_m 1 --> (01) (within 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 Protosteiromys_m
1 node_123 0 ==> 1 Branisamyopsis_a
1 node_138 1 ==> 0 node_137
1 Luantus_propheti 0 --> (01) (within terminal)
1 Asteromys_punctu 0 --> (01) (within terminal)
1 Dolichotis_pata 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 Cuniculus_paca-t 1 --> (01) (within terminal)
1 Microscleromy 1 --> (01) (within terminal)
1 Scleromys_quadra 1 --> (01) (within terminal)
1 Scleromys_angust 1 --> (01) (within terminal)
1 Drytomonos_aequa 1 --> (01) (within terminal)
1 Potamarchus_muri 1 --> (01) (within terminal)
1 Neoepl blem 1 --> (01) (within terminal)
1 Chinilla_lanig 1 --> (01) (within terminal)
1 Lagidium_viscaci 1 --> (01) (within terminal)
1 Lagostomus_maxi 1 --> (01) (within terminal)
1 Scleromys_osborn 1 --> (01) (within terminal)
1 node_153 1 ==> 0 node_152
1 Garridomys_curnu 0 --> (01) (within terminal)
1 Eoviscaccia_fras 0 --> (01) (within terminal)
1 Scleromys_praecu 1 --> (01) (within terminal)
1 Eoincamys_parvus 1 --> (01) (within terminal)
1 Eoincamys_valver 1 --> (01) (within terminal)
1 Draconomys_verai 1 --> (01) (within terminal)
1 Leucokcephalo 1 --> (01) (within terminal)
1 node_192 1 ==> 0 node_167
1 Platypittamys_br 0 --> (01) (within terminal)
1 Deseadomys_aramb 0 --> (01) (within terminal)
1 Willi diewu_estega 0 --> (01) (within terminal)
1 node_189 1 ==> 0 node_188

Pge p
Hsearch_Consensus.out

1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Maruchito triolo 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysru 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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (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 Stichomyys regula 0 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)

358 (*Protoconid/m) 0.333
Hsearch_Consensus.out

2 Neoeotiblemamembr 2 --> (012) (within terminal)
2 Chinchillalaniq 2 --> (012) (within terminal)
2 Lagidiuviscaci 2 --> (012) (within terminal)
2 Lagostomummaxim 2 --> (012) (within terminal)
2 Scleromysosborn 2 --> (012) (within terminal)
2 Garriddomysscurru 2 --> (012) (within terminal)
2 Eoviscacciabras 2 --> (012) (within terminal)
2 Eoviscacciacust 2 --> (012) (within terminal)
2 Scleromyspraequ 2 --> (012) (within terminal)
2 Chambiramysship 2 --> (012) (within terminal)
2 Eoincamysvalver 2 --> (012) (within terminal)
2 Leucokcephalosze 2 --> (012) (within terminal)
2 Platyptittamysbr 2 --> (012) (within terminal)
2 Deseadomyssramb 2 --> (012) (within terminal)
2 Willidewuestepa 2 --> (012) (within terminal)
2 Prospaniomyspri 2 --> (012) (within terminal)
2 Spaniomysripari 2 --> (012) (within terminal)
2 Proechoimyczuvie 2 --> (012) (within terminal)
2 Maruchitotrilof 2 --> (012) (within terminal)
2 Echimyschrysuru 2 --> (012) (within terminal)
2 Protadelphomysl 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomyssim 2 --> (012) (within terminal)
2 Ctenomyssbolivie 2 --> (012) (within terminal)
2 Neophanomysbipl 2 --> (012) (within terminal)
2 Pithanotomyscol 2 --> (012) (within terminal)
2 Octodondegus 2 --> (012) (within terminal)
2 Spalacopuscyanu 2 --> (012) (within terminal)
2 Abrocomabennett 2 --> (012) (within terminal)
2 Adelphomyscandi 2 --> (012) (within terminal)
2 Prostichomysbow 2 --> (012) (within terminal)
2 Stichomysregula 2 --> (012) (within terminal)
2 Dudumusruigomez 2 --> (012) (within terminal)
2 Pampamysemmonsa 2 --> (012) (within terminal)

Pgp
Hsearch_Consensus.out
1 Neoepiblema 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 f ras 1 --> (01) (within terminal)
1 Scler omys prae cu 1 --> (01) (within terminal)
1 Leucok ephalos ze 1 --> (01) (within terminal)
1 Des ea domys aramb 1 --> (01) (within terminal)
1 Galileo mys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospani omys pri 1 --> (01) (within terminal)
1 Spanioms mys ripari 1 --> (01) (within terminal)
1 Myocastor corpus 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys aper e 1 --> (01) (within terminal)
1 Echi mys chrys uru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Prota delphomy s 1 --> (01) (within terminal)
1 Euryzyg omats 1 --> (01) (within terminal)
1 Mesocapromys s/ Mys 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 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 Spal acopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelph oms candi 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Pampamy s emmornsa 1 --> (01) (within terminal)
1 Caviocrinetus lu 1 --> (01) (within terminal)
1 Metaphi oms sc a 1 --> (01) (within terminal)
1 Arch etypomys erl 1 --> (01) (within terminal)
1 node_219 0 --> 1 Tribosphenomys m
1 Luantus propheti 0 --> (01) (within terminal)
1 Aster omy s 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 Dasy procta 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Scler omy s quadra 0 --> (01) (within terminal)
1 Scler omy s angust 0 --> (01) (within terminal)
1 Drytom omy s aequa 0 --> (01) (within terminal)
1 Potamarchus muri 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 Scler omy s osborn 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scler omy s prae cu 0 --> (01) (within terminal)
1 Des ea domys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Spanioms mys ripari 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echi mys chrys uru 0 --> (01) (within terminal)
1 Prota delphomys 1 --> (01) (within terminal)
1 Mesocapromys s/ Mys 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 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 Spal acopus cyanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)

362 (Lingual cone) 1.000
Hsearch_Consensus.out
1 Incamys bolivian 0 --> (01) (within terminal)
1 Scleromyss quadra 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lani g 0 --> (01) (within terminal)
1 Lagidium vis cac i 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)
1 Eoviscacia fras 0 --> (01) (within terminal)
1 Scleromyss praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Leucokeph al os ze 0 --> (01) (within terminal)
1 De seadomyss aramb 0 --> (01) (within terminal)
1 Sci amys principa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Spaniomyss ripari 0 --> (01) (within terminal)
1 Myocastor cyopus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys 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 bolivie 0 --> (01) (within terminal)
1 Neophanomyss 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 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Sallamyss pascual 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Birbalomyss onda 0 --> (01) (within terminal)
1 Tamqua myss dispi 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hod sahibia azrae 0 --> (01) (within terminal)
1 Wslamyss attia 0 --> (01) (within terminal)
1 node_209 1 --- 0 node_207
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 node_129 1 0 Chaetomys subspi
1 Dolichotis pata g 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 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium vis cac i 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 node_152 1 0 node_151
1 Eoviscacia fras 0 --> (01) (within terminal)
1 Scleromyss praecu 0 --> (01) (within terminal)
1 node_195 1 0 node_194
1 node_170 0 1 node_169
1 Spaniomyss ripari 1 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 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)

Pge p
Hsearch_Consensus.out

1   node_185 0 --> 1 node_184
1   Stichomys regula 1 --> (01) (within terminal)
1   Plei aca rech i my s 0 --> (01) (within terminal)
1   May omys con flu en 1 --> (01) (within terminal)
1   Met aph i omy s sch a 0 --> (01) (within terminal)
1   Ac rit ophi om y s bo h 0 --> (01) (within terminal)
1   Bal uch i my s bar ry 0 --> (01) (within terminal)
1   Arch etyp omy s er l 1 --> (01) (within terminal)
1   Trib osphenom y s m 1 --> (01) (within terminal)
1   Co coma y s lig ch aen 1 --> (01) (within terminal)
1   Rei thr oparam y s d 1 --> (01) (within terminal)
1   Chap att i mys w i ls 1 --> (01) (within terminal)
1   Ott om an i a pr oavi 1 --> (01) (within terminal)
1   Phi omys ham mu da i 1 --> (01) (within terminal)
1   Cachi yac uy cont a 1 --> (01) (within terminal)
1   Can aahim y s maqui 1 --> (01) (within terminal)
1   Stei romys det ent 1 --> (01) (within terminal)
1   Cha etom y s subs pi 1 --> (01) (within terminal)

1   node_136 1 ==> 0 Luant us pro phet i
1   Dol ich ot is p at ag 1 --> (01) (within terminal)
1   Hydrochoerus hyd 1 --> (01) (within terminal)
1   Cavi a ap erea 1 --> (01) (within terminal)
1   Galea spix ii 1 --> (01) (within terminal)
1   Per i mys in ter med 1 --> (01) (within terminal)
1   Neore om y s austr a 1 --> (01) (within terminal)
1   Bran isi am y s lur ib 1 --> (01) (within terminal)
1   node_140 1 ==> 0 node_139
1   Mi c ro scler om y s p 1 --> (01) (within terminal)
1   node_153 1 --> 0 node_150
1   Scl ero my s qua dra 0 --> (01) (within terminal)
1   Scl ero my s angust 0 --> (01) (within terminal)
1   Pot am ar chus muri 0 --> (01) (within terminal)
1   Neoe pible ma am br 0 --> (01) (within terminal)
1   Chin chilla lan ig 0 --> (01) (within terminal)
1   Lag idium vis cac i 0 --> (01) (within terminal)
1   Lag osto m us maxi m 0 --> (01) (within terminal)
1   Scl ero my s osborn 0 --> (01) (within terminal)
1   Evo is cac ci a fras 1 --> (01) (within terminal)
1   Evo is cac ci a aust 1 --> (01) (within terminal)
1   Scl ero my s pra ec u 1 --> (01) (within terminal)
1   Cham bir am y s ship 1 --> (01) (within terminal)
1   Evo inc amys va l ver 1 --> (01) (within terminal)
1   Evo inc amys am eg hi 1 --> (01) (within terminal)
1   Dra con omy s ver ai 1 --> (01) (within terminal)
1   Leu coko pha los ze 1 --> (01) (within terminal)
1   Plat ypit tam y s br 1 --> (01) (within terminal)
1   Des eadomy s aramb 1 --> (01) (within terminal)
1   Aca rem y s m uri nus 1 --> (01) (within terminal)
1   Sci am y s prin ci pa 1 --> (01) (within terminal)
1   Gal il eomy s eury g 1 --> (01) (within terminal)
1   Wil li dew u est epa 1 --> (01) (within terminal)
1   Pros panio my s pri 1 --> (01) (within terminal)
1   node_169 1 --> 0 node_168
1  Span io m ys ripari 0 --> (01) (within terminal)
1   Mar uchito tr il of 1 --> (01) (within terminal)
1   Thr ichom y s apere 1 --> (01) (within terminal)
1   Echi my s chrys uru 1 --> (01) (within terminal)
1   Mak al ata di del ph 1 --> (01) (within terminal)
1   Pro tad el phom y s 1 --> (01) (within terminal)
1   Euryzy gom at om y s 1 --> (01) (within terminal)
1   Mes ocap rom y s Mys 1 --> (01) (within terminal)
1   Xen odon tomy s si m 1 --> (01) (within terminal)
1   Ctenomy s bol ivie 1 --> (01) (within terminal)
1   Neophano my s bi pl 1 --> (01) (within terminal)
1   Pit hanot om y s col 1 --> (01) (within terminal)
1   Oct odo n deg us 1 --> (01) (within terminal)
1   Spal acopus cy anu 1 --> (01) (within terminal)
1   Ab rocoma ben net t 1 --> (01) (within terminal)

Pge p
### Hsearch_Consensus.out

<table>
<thead>
<tr>
<th>Species</th>
<th>Depth</th>
<th>Node ID</th>
<th>Terminality</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Adelphomys candi</em></td>
<td>1</td>
<td>node_217</td>
<td>terminal</td>
</tr>
<tr>
<td><em>Prostichomys bow</em></td>
<td>1</td>
<td>node_118</td>
<td>terminal</td>
</tr>
<tr>
<td><em>Stichomys regulara</em></td>
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<td>node_118</td>
<td>terminal</td>
</tr>
<tr>
<td><em>Dudumus rui-gomez</em></td>
<td>1</td>
<td>node_118</td>
<td>terminal</td>
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<tr>
<td><em>Pampamys emmons</em></td>
<td>1</td>
<td>node_118</td>
<td>terminal</td>
</tr>
<tr>
<td><em>Caviocrictetus timori</em></td>
<td>1</td>
<td>node_118</td>
<td>terminal</td>
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<tr>
<td><em>Sallamyas pascual</em></td>
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<td><em>Mayomys confuens</em></td>
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<td>terminal</td>
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<tr>
<td><em>Eosallamyas paula</em></td>
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<td>terminal</td>
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<tr>
<td><em>Eobranisamys rom</em></td>
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<td><em>Pozomys ucayali</em></td>
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<tr>
<td><em>Tarapatomys suba</em></td>
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<td><em>Thryonomys sindh</em></td>
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<td><em>Paraphiomys pigo</em></td>
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<td><em>Acritophiomys bo</em></td>
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<td><em>Chapattimys wilis</em></td>
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**368 (Posterior iso) 0.600**

Pge p
Hsearch_Consensus.out

1 Sallamys pascual 0 --> (01) (within terminal)  
1 Tarapotomys suba 0 --> (01) (within terminal)  
1 Cachiyacuy kumme 0 --> (01) (within terminal)  
1 Thryohomys swind 0 --> (01) (within terminal)  
1 Paraphiomys pigo 0 --> (01) (within terminal)  
1 node_214 0 ==> 1 Balichimys barry  
1 Archetypomys erl 0 --> (01) (within terminal)  
1 Tribosphenomys m 0 --> (01) (within terminal)  
1 Birbalomys sonda 0 --> (01) (within terminal)  
1 Ottomaniaproavi 0 --> (01) (within terminal)  
1 Hodshahia azrae 0 --> (01) (within terminal)  
1 Cachiyacuy conta 0 --> (01) (within terminal)  
1 Eoespina woodi-E 0 --> (01) (within terminal)  
1 Cannaanmys maqui 0 --> (01) (within terminal)  
1 Brani samyopsis a 0 --> (01) (within terminal)  
1 Steir omys detent 0 --> (01) (within terminal)  
1 Chaetomys subspi 0 --> (01) (within terminal)  
1 Australoprocta f 0 --> (01) (within terminal)  
1 Dolichotis patag 0 --> (01) (within terminal)  
1 Hydrochoerus hyd 0 --> (01) (within terminal)  
1 Cavia aper ea 0 --> (01) (within terminal)  
1 Galea spixii 0 --> (01) (within terminal)  
1 Neoreomys austra 0 --> (01) (within terminal)  
1 Brani samy lurib 0 --> (01) (within terminal)  
1 node_139 0 ==> 1 Dasyprocta  
1 Microscleromys p 0 --> (01) (within terminal)  
1 Scleromys angust 0 --> (01) (within terminal)  
1 Potamarchus muri 0 --> (01) (within terminal)  
1 Lagostomus maxim 0 --> (01) (within terminal)  
1 Scleromys h 0 --> (01) (within terminal)  
1 Eoviscaccia fras 0 --> (01) (within terminal)  
1 Eoviscaccia aust 0 --> (01) (within terminal)  
1 Scleromys prae cu 0 --> (01) (within terminal)  
1 Leucokcephalos ze 0 --> (01) (within terminal)  
1 node_192 0 ==> 1 node_167  
1 Platypittamys br 1 --> (01) (within terminal)  
1 Sciamys principa 1 --> (01) (within terminal)  
1 Galileomys euryg 1 --> (01) (within terminal)  
1 Prospaniomys pri 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 bolivie 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 Prostichomys bow 0 --> (01) (within terminal)  
1 Stichomys regula 0 --> (01) (within terminal)  
1 Dudumus rui gomez 0 --> (01) (within terminal)  
1 Plesiacarechimys 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 Shapajamyis laboc 0 --> (01) (within terminal)  
1 Eobranisamys r om 0 --> (01) (within terminal)  
1 Tarapotomys suba 0 --> (01) (within terminal)  
1 Cachi yacuy kumme 0 --> (01) (within terminal)  
1 Acritophiomys bo 0 --> (01) (within terminal)  
1 node_124 0 ==> 1 node_123  
1 Steir omys detent 0 --> (01) (within terminal)  
1 node_141 0 ==> 1 Palaeoesteir omys  
1 Dolichotis patag 0 --> (01) (within terminal)  
1 Hydrochoerus hyd 0 --> (01) (within terminal)  
1 Cavia aper ea 0 --> (01) (within terminal)  
1 Galea spixii 0 --> (01) (within terminal)  
1 Potamarchus muri 0 --> (01) (within terminal)  
1 Lagostomus maxim 0 --> (01) (within terminal)  
1 Eoviscaccia fras 0 --> (01) (within terminal)  

369 (Metaconid cri) 0.966  

370 (Neocristid (b)) 0.667  
Pge p
Hsearch_Consen sus. out
1 Scler omy s pra ecu 0 --> (01) (within terminal)
1 Xenodont om ys sim 0 --> (01) (within terminal)
1 Ctenom ys bol ivie 0 --> (01) (within terminal)
1 Pit han omy s col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spal acopus cyanu 0 --> (01) (within terminal)
1 Eobran isamy s rom 0 --> (01) (within terminal)
1 Tarapot omy s suba 0 --> (01) (within terminal)
1 Archety pomys er l 0 --> (01) (within terminal)
1 Tribosphenomy s m 0 --> (01) (within terminal)
1 Eoes pina woordi - E 0 --> (01) (within terminal)
1 node_129 0 --> 1 Chaetomys subsp i
1 Palaeo steiromys 0 --> (01) (within terminal)
1 node_137 0 --> 1 node_136
1 Ast ero my s puñctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hy d 1 --> (01) (within terminal)
1 Cavia aper ea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomy s aust ra 0 --> (01) (within terminal)
1 Brani samys lur i b 0 --> (01) (within terminal)
1 node_195 0 --> 1 node_161
1 Eoinca my s pas cu a 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 Scleromy s praecu 1 --> (01) (within terminal)
1 Chambiramy s shi p 1 --> (01) (within terminal)
1 Eoinca my s par vu s 1 --> (01) (within terminal)
1 Chambiramy s syl v 1 --> (01) (within terminal)
1 Eoinca my s ameghi 1 --> (01) (within terminal)
1 Willidewu estega 0 --> (01) (within terminal)
1 node_186 0 --> 1 node_183
1 node_168 1 --> 0 Myocastor corpus
1 Proechimys cu vie 1 --> (01) (within terminal)
1 Protadelphomys l 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 Pit han omy s col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spal acopus cyanu 1 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Stichomy s regula 0 --> (01) (within terminal)
1 Pam pamy s emmons 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Sallamy s pascual 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Tarapot omy s mayo 0 --> (01) (within terminal)
1 Tarapot omy s suba 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_208
1 Paraphiomys pigo 1 --> (01) (within terminal)
2 Archet y pomys er l 1 --> (012) (within terminal)
2 Tribosphenomy s m 1 --> (012) (within terminal)
1 Birbal omy s sonda 1 --> (01) (within terminal)
1 node_215 1 --> 0 Chapattimys wils
1 Ottomania pr oavi 1 --> (01) (within terminal)
1 node_120 1 --> 0 node_119
1 Bugtimys zafaru l 0 --> (01) (within terminal)
1 'Walsl omy s' attia 1 --> (12) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
2 Cachi yacuy conta 1 --> (012) (within terminal)
1 Eoes pina woordi - E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 node_128 1 ==> 2 Protosteirromys m
1 node_128 1 --> 0 node_127
2 Eosteiromys hoom 0 --> (012) (within terminal)
2 Braniisamyopsis a 0 --> (012) (within terminal)
2 Neosteirromys pat 0 --> (012) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteirromys a 1 --> (01) (within terminal)
2 Chaetomys subspii 1 --> (012) (within terminal)
2 Palaeosteirromys 1 --> (012) (within terminal)
1 Australoprocta f 1 --> (12) (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 perea 1 --> (012) (within terminal)
2 Galea spixii 1 --> (012) (within terminal)
2 Perimys intermed 1 --> (012) (within terminal)
2 Neoreomys aust 1 --> (012) (within terminal)
1 node_138 1 ==> 0 Braniisamyis lurib
1 node_139 1 ==> 0 Dasyprocta
1 node_195 1 --> 2 node_161
2 Eoincamys paşcu 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 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Evoisaccia fras 2 --> (012) (within terminal)
2 Evoisaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Chambiramys 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 Leucocephalos 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 Prospaniomys pri
1 node_187 1 --> 2 node_186
2 Spaniomys ripari 2 --> (012) (within terminal)
1 Myocastor coypus 2 --> (12) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys aper 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Euryzygomatomy 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivia 2 --> (012) (within terminal)
2 Pithanotomys 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)
1 Prostichomys bow 2 --> (12) (within terminal)
1 Stichomys regula 2 --> (12) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 node_189 1 --> 2 Pampamys emmons
1 Caviocricetus lu 1 --> (12) (within terminal)
1 Plesiacarechimys 1 --> (12) (within terminal)
1 node_193 1 --> 2 Sallamys pascual
1 Mayomys confuen 1 --> (01) (within terminal)
2 Eosallamys paula 1 --> (012) (within terminal)
1 node_201 1 --> 0 node_200
1 Eobranisamys rom 0 --> (01) (within terminal)
1 node_204 1 --> 2 node_203
1 Pozomys ucayalie 2 --> (12) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
1 Cachiyaucuy kumme 1 --> (01) (within terminal)
2 Thryohomy swind 1 --> (012) (within terminal)

Pge p
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 Leucokcephalos 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 0 --> (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 uca yali e 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_209 0 ==> 1 node_208
1 Paraphiromys pigo 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 Hodsahibia azrae 0 --> (012) (within terminal)
1 Cachiyacuy 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 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 Branisamyps a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
1 node_141 1 ==> 2 Palaeosteiromys
2 Australoproc t a 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 Branisamys lurib 1 --> (012) (within terminal)
1 node_139 1 ==> 2 Dasyprocta
2 Eoincamys pas cu a 1 --> (012) (within terminal)
Hsearch_Consensus.out

1  Branisamyopsis a 0 --> (01) (within terminal)
1  Neosteiromyys pat 0 --> (01) (within terminal)
1  Chaetomys subsp 0 --> (01) (within terminal)
1  Dolichotis patag 0 --> (01) (within terminal)
1  Hydrochoerus hyd 0 --> (01) (within terminal)
1  Cavia apera 0 --> (01) (within terminal)
1  Galea spixii 0 --> (01) (within terminal)
1  Perimys intermed 0 --> (01) (within terminal)
1  Incamys bolivian 0 --> (01) (within terminal)
1  Microscleromys p 0 --> (01) (within terminal)
1  Scleromys quadra 0 --> (01) (within terminal)
1  node_145 0 --> 1 node_144
1  Potamarchus muri 1 --> (01) (within terminal)
1  Neoepliema amb 0 --> (01) (within terminal)
1  Chinchilla lanig 0 --> (01) (within terminal)
1  Lagidium viscac 0 --> (01) (within terminal)
1  Lagostomus maximo 0 --> (01) (within terminal)
1  Eooviscaccia fras 0 --> (01) (within terminal)
1  Eooviscaccia aust 0 --> (01) (within terminal)
1  Scleromys praecu 0 --> (01) (within terminal)
1  Chambiramys ship 0 --> (01) (within terminal)
1  Chambiramys sylv 0 --> (01) (within terminal)
1  Eoincaymys ameghi 0 --> (01) (within terminal)
1  Draconomys verai 0 --> (01) (within terminal)
1  Leucokcephalos ze 0 --> (01) (within terminal)
1  Platypittamys br 0 --> (01) (within terminal)
1  Diseadomys aramb 0 --> (01) (within terminal)
1  Acaremys murinus 0 --> (01) (within terminal)
1  Sciamys prinicpa 0 --> (01) (within terminal)
1  Galileomys eur 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  Maruchito trilof 0 --> (01) (within terminal)
1  Thrichomys aper 0 --> (01) (within terminal)
1  Echimys chrysuiru 0 --> (01) (within terminal)
1  Makalata didelph 0 --> (01) (within terminal)
1  Protadelphomys l 0 --> (01) (within terminal)
1  Euryzygomatoomys 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  Neophanoomys bipl 0 --> (01) (within terminal)
1  Pitphanomys 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  Stichomys regula 0 --> (01) (within terminal)
1  Dudumus ruijomez 0 --> (01) (within terminal)
1  Pampamys emmonsa 0 --> (01) (within terminal)
1  Caviocrictetus lu 0 --> (01) (within terminal)
1  Plesiacarechimys 0 --> (01) (within terminal)
1  Salliamys pascu 0 --> (01) (within terminal)
1  Tarapotomys mayo 0 --> (01) (within terminal)
1  Tarapotomys suba 0 --> (01) (within terminal)
1  Thrynomys swind 0 --> (01) (within terminal)
1  Paraphiomys pigo 0 --> (01) (within terminal)
1  Baluchiomys barry 0 --> (01) (within terminal)
1  node_216 0 --> 1 node_215
1  Chapatti muis 0 --> (01) (within terminal)
1  Ottomani proavi 0 --> (01) (within terminal)
1  node_120 1 --> 0 node_119
1  Bui tims zafarul 0 --> (01) (within terminal)
1  Cachiacay contra 0 --> (01) (within terminal)
1  Protosteiromyms 0 --> (01) (within terminal)
1  Chaetomys subsp 0 --> (01) (within terminal)
1  Dolichotis patag 0 --> (01) (within terminal)

386 (Mesoconid on ) 0.857
<table>
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<tr>
<th>1</th>
<th>Hydrochoerus hyd</th>
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<tbody>
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<td>1</td>
<td>Cavia aperea</td>
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<td>1</td>
<td>Galea spixii</td>
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<td>Perimys intermed</td>
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<td>Neoreomyx australis</td>
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<td>Dasyprocta</td>
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<tr>
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<td>Microscelomys p</td>
</tr>
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<td>Scleromys quadra</td>
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<td>Dryomomys aequa</td>
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<td>Potamarchus murri</td>
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<td>Neoenephyra ambr</td>
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<td>Chinchilla lanig</td>
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<tr>
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<td>Lagidium viscaci</td>
</tr>
<tr>
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<td>Lagostomus maxim</td>
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</tr>
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<td>Eoviaccia fras</td>
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<td>Williudemu estepu</td>
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<td>Myocastor coypus</td>
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<td>Proechimys cuviev</td>
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<td>Maruchito trilof</td>
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<td>Protadelphomys</td>
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<td>Mesocapromys/Mys</td>
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<td>Xenodontomys sim</td>
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<td>Ctenomyx bolivie</td>
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<td>Neophanomys bipl</td>
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<td>Pitphanomys col</td>
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<td>Adelphomys candi</td>
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<td>Stichomys regula</td>
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<td>Thryonomys swind</td>
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<td>Birbalomys sonda</td>
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<td>Bugtimys zafarul</td>
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<td>Phiomys hammudai</td>
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<td>Cachiyacuy conta</td>
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<td>Eoespina woodi-E</td>
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<td>Coendou prehensi</td>
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<td>Luantus propheti</td>
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<td>Asteromys punctu</td>
</tr>
<tr>
<td>1</td>
<td>Dolichotis patag</td>
</tr>
<tr>
<td>1</td>
<td>Hydrochoerus hyd-</td>
</tr>
<tr>
<td>1</td>
<td>Cavia aperea</td>
</tr>
<tr>
<td>1</td>
<td>Galea spixii</td>
</tr>
<tr>
<td>1</td>
<td>Perimys intermed</td>
</tr>
<tr>
<td>1</td>
<td>Neoreomyx australis</td>
</tr>
</tbody>
</table>

387 (Mesophid) 1.000
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praece 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Pithanatomyos col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 node_219 0 --> 1 Archetypomys erl
1 node_218 0 --> 1 node_217
1 Birbalomys sonda 1 --> (01) (within terminal)
1 node_213 1 --> 0 Ottomania proavi
1 Cachiycuy cunta 1 --> (01) (within terminal)
1 Eoessina woodi - E 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 Palaeosteiromys 0 --> (01) (within terminal)
1 node_137 0 --> 1 node_136
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 node_156 1 --> 0 Eoincamys pascua
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neoeptibloma ambr 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praece 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Sciarmys princi 1 --> (01) (within terminal)
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 Makalata di delph
1 node_174 1 --> 0 Euryzgymatomys
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Pithanatomyos col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paul 1 --> (01) (within terminal)
1 node_200 1 --> 0 node_199
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 node_219 1 --> 0 Tribosphenomys m
1 Reithroparamys dl 1 --> (01) (within terminal)
1 node_216 1 --> 0 Tamquammymys dispi
1 Ottomania proavi 1 --> (01) (within terminal)
1 Hodsahibla azrae 1 --> (01) (within terminal)
1 node_212 1 --> 0 node_211
1 node_207 0 --> 1 node_206
1 Cachiycuy cunta 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 node_124 0 --> 1 node_123
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Pge p
Hsearch_Consensus.out

1 Steiromys detent 0 --> (01) (within terminal)
1 node_141 0 --> 1 Palaeosteirromys
1 node_136 0 --> 1 node_135
1 Dolichotis patai 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austral 0 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 node_157 1 == 0 node_156
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadr 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoeohippus ambr 0 --> (01) (within terminal)
1 Chinchilla lani 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 Eovischacchia fra 0 --> (01) (within terminal)
1 Scleromys prae 0 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 node_195 1 == 0 node_194
1 Leucokephalske 0 --> (01) (within terminal)
1 Platypitamys br 0 --> (01) (within terminal)
1 Protoadipomys l 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopos cyanu 0 --> (01) (within terminal)
1 Protatheromys bow 0 --> (01) (within terminal)
1 Plesiacarechmys 0 --> (01) (within terminal)
1 Mayomys conf 0 --> (01) (within terminal)
1 Shapajomys laboc 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayal 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Archerptomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_218 0 --> 1 node_217
1 Birbalomys sonda 1 --> (01) (within terminal)
1 node_216 1 --> 0 Tamquammyn dispi
1 Ottomani pravia 1 --> (01) (within terminal)
1 Bugtmys zafarul 1 --> (01) (within terminal)
1 node_212 1 --> 0 node_211
1 Phiomys hemmudai 0 --> (01) (within terminal)
1 Cachiycuy conta 0 --> (01) (within terminal)
1 Eoespinawoodi-E 0 --> (01) (within terminal)
1 Canaani mys maqui 0 --> (01) (within terminal)
1 node_130 0 == 1 node_128
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteirromys a 0 --> (01) (within terminal)
1 node_141 0 --> 1 Palaeosteirromys
1 Dolichotis patai 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Braniomys lurib 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
2 Neoepiblemma 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 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curru 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Eoviscaccia aust 1 --> (012) (within terminal)
2 Scleromys prae cu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Draco nomys verai 2 --> (012) (within terminal)
2 Leuko kephalos ze 2 --> (012) (within terminal)
2 Platypittammys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 node_189 2 --> 0 node_188
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 node_173 0 --> 2 node_172
2 Echimys chry suru 2 --> (012) (within terminal)
2 Protadel phomy s l 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 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)

Pge p
Hsearch_Consensus.out
2 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
1 node_204 2 --> 1 node_203
1 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)

405 (Length of the) 1.000
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 Branisamys lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamysbolivian 0 --> (01) (within terminal)
1 Mi cro scler omy s p 0 --> (01) (within terminal)
1 Scler omy s quadra 0 --> (01) (within terminal)
1 Scler omy s angust 0 --> (01) (within terminal)
1 Dryt omy s aequa 0 --> (01) (within terminal)
1 Pot amarchus muri 0 --> (01) (within terminal)
1 Din omy s branicki 0 --> (01) (within terminal)
1 Neoe piblema 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 Scler omy s osborn 0 --> (01) (within terminal)
1 Garridomys currn 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scler omy s praecu 0 --> (01) (within terminal)
1 Chambramy s ship 0 --> (01) (within terminal)
1 Eoin camys parvus 0 --> (01) (within terminal)
1 Eoin camys valver 0 --> (01) (within terminal)
1 Protadelph omy s l 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Pit hanatomy s col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyaniu 0 --> (01) (within terminal)

406 (Hypoconulid o) 0.800
1 node_118 0 --> 1 Reithroparamys d
1 node_212 0 --> 1 node_211
1 Ph iomy s hammudai 1 --> (01) (within terminal)
1 Chaet omy s subspla 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Aster omy s 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 Neore omy s aust 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Microsc leroomys p 1 --> (01) (within terminal)
1 Scler omy s quadra 1 --> (01) (within terminal)
1 Scler omy s angust 1 --> (01) (within terminal)
1 Dryt omy s aequa 1 --> (01) (within terminal)
1 Pot amarchus muri 1 --> (01) (within terminal)
1 Din omy s branicki 1 --> (01) (within terminal)
1 Neoe piblema 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 Scler omy s osborn 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
Hsearch_Consensus.out
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephale se 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 pr incipa 1 --> (01) (within terminal)
1 Galil eomys euryg 1 --> (01) (within terminal)
1 Willi dewu estepa 1 --> (01) (within terminal)
1 Prospaniomy s pri 1 --> (01) (within terminal)
1 Spani omys ripari 1 --> (01) (within terminal)
1 My castor couy pus 1 --> (01) (within terminal)
1 Proechimys cuvi e 1 --> (01) (within terminal)
1 Maruchito tri lop 1 --> (01) (within terminal)
1 Str ichomys apr e 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makal ata didel ph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzy gomatomy s 1 --> (01) (within terminal)
1 Mesocapromys / Mys 1 --> (01) (within terminal)
1 X enodontomys s i m 1 --> (01) (within terminal)
1 Clenomys bol iv i e 1 --> (01) (within terminal)
1 Neophanomys bi pl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon de gu s 1 --> (01) (within terminal)
1 Spal acopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adel phomys candy 1 --> (01) (within terminal)
1 Prost ichomys bow ni 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudu mus ruigomez 1 --> (01) (within terminal)
1 Pampamy s emmons a 1 --> (01) (within terminal)
1 Cavio cr icetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 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 Shapajamy s laboc 1 --> (01) (within terminal)
1 Eobranis amys rom 1 --> (01) (within terminal)
1 Eobranis amys jav 1 --> (01) (within terminal)
1 Pozomys uca yali e 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys su ba 1 --> (01) (within terminal)
1 Cachi yacu y kumme 1 --> (01) (within terminal)
1 Thryonomys swi nd 1 --> (01) (within terminal)
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 node 217 0 ==> 1 node 118
1 Hodsahibia a Zraae 0 --> (01) (within terminal)
1 'Wasl amys' att ia 0 --> (01) (within terminal)
1 node 212 0 ==> 1 node 211
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 L uantus proph eti 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper e a 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 Dasypicta s 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Micro scleromy s p 1 --> (01) (within terminal)
1 Scleromys quad r a 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys ae qua 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)

408 (Hypoconulid) 0.667

Pge p
1 Neoepiblema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys currnu 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 Eoincamys valver 1 --> (01) (within terminal)
1 Galileomyss euryg 1 --> (01) (within terminal)
1 Maruchito trilof 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 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Prostichomyss bow 1 --> (01) (within terminal)
1 Stichomyss regula 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys may 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tamquaamyss dispi 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Chaetomyss subspi 0 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 node_135 0 ==> 1 node_134
1 node_154 0 ==> 1 node_153
1 node_148 1 ==> 0 node_145
1 node_159 0 ==> 1 Chambiramys sylv
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 node_165 0 --> 1 node_164
1 Acceremyss murinus 1 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomyss apere 0 --> (01) (within terminal)
1 Echimys chrysuri 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys 0 --> (01) (within terminal)
1 Eurzygnotomys 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 Neophammys 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 Prostichomyss bow 0 --> (01) (within terminal)
1 Stichomyss regula 0 --> (01) (within terminal)
1 Pampamyss emmonsa 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 node_203 0 --> 1 node_202

Pge p
Hsearch_Consensus.out

1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tamqua mariney b 0 --> (01) (within terminal)
1 'Wasl amys' attia 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 node_138 0 --> 1 node_137
1 Dolichotis pâtag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavla apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermedi 1 --> (01) (within terminal)
1 node_137 1 --> 0 Neoreomys australis
1 node_139 0 ==> 1 Dasyprocta
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 node_145 0 --> 1 node_144
1 Potamarchus muri 1 --> (01) (within terminal)
1 Chinchilla lani 0 --> (01) (within terminal)
1 Lagidium v i s c a c i 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscacia fra 0 --> (01) (within terminal)
1 Eoviscacia aun 0 --> (01) (within terminal)
1 Cliroromys praecu 0 --> (01) (within terminal)
1 Cliroromys ship 0 --> (01) (within terminal)
1 Eoincamys parbus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_194 0 ==> 1 node_195
1 Draconomys verai 1 --> (01) (within terminal)
1 Slumays princa 1 --> (01) (within terminal)
1 Willi dewu estepa 1 --> (01) (within terminal)
1 node_195 1 --> 0 node_196
1 node_196 1 ==> 1 Proechimys cuvio
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysur 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Eurzyzygatos only 0 --> (01) (within terminal)
1 Mesocapromys/i 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 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 Stichomys regula 0 --> (01) (within terminal)
1 Pampamy emmuns 1 --> (01) (within terminal)
1 node_187 1 ==> 0 node_191
1 Sallays pasdual 1 --> (01) (within terminal)
1 Tarapotomys may 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocoyms 1 0 --> (01) (within terminal)
1 Reithroparomys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Tamquammys dispi 0 --> (01) (within terminal)
1 'Wasl wym' attia 0 --> (01) (within terminal)
1 node_135 0 ==> 1 node_134
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_152 0 ==> 1 node_151
1 Scleromys praecu 0 --> (01) (within terminal)
1 Euryzygomat oms 0 --> (01) (within terminal)
1 node_182 0 ==> 1 node_181
1 node_186 0 --> 1 node_185
1 Adelphomys candi 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyms 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 Tamqua mmys dispi 0 --> (01) (within terminal)
1 'Wasl wym' attia 0 --> (01) (within terminal)
1 node_136 0 ==> 1 node_135
1 Dolichotis pata 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 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_153 0 --> 1 node_152
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 node_171 0 ==> 1 Thrichomys apera
1 node_175 0 ==> 1 node_174
1 Euryzygomat oms 1 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomyms bolivie 0 --> (01) (within terminal)
1 Neophanomyms bipl 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyms 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 node_135 0 ==> 1 node_134
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 node_139 0 ==> 1 Dasyprocta
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
415 (Hypoflexid on) 1.000

416 (Transversal e) 1.000

417 (Importance of) 1.000

Pge p
Hsearch_Consensus.out

418 (Formation of) 0.400
1 Baluchimys barry 1 --> (01) (within terminal)
1 node_137 0 ==> 1 node_136
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_153 0 ==> 1 node_152
1 Scleromys praecu 0 --> (01) (within terminal)
1 Sciameys principa 0 --> (01) (within terminal)
1 node_171 0 ==> 1 Thrichomys aper
1 Euryzygomatomy 0 --> (01) (within terminal)
1 node_182 0 ==> 1 node_181

419 (Number of lob) 1.000
1 Archetypomys' erl 1 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomyss liech 1 --> (01) (within terminal)
1 Reithroparomys d 1 --> (01) (within terminal)
1 Birbalomyss onda 1 --> (01) (within terminal)
1 Tamquaamys dispi 1 --> (01) (within terminal)
1 Chapatti mys wil's 1 --> (01) (within terminal)
1 Ottomani a proavi 1 --> (01) (within terminal)
1 Bugtmys zafarul 1 --> (01) (within terminal)
1 Hodshibi a azr 1 --> (01) (within terminal)
1 'Waslmys' attia 1 --> (01) (within terminal)
1 Phiomys hammu 1 --> (01) (within terminal)
1 Cachiyacuy conn 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanmys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamyss lurib 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascau 1 --> (01) (within terminal)
1 Incamys bolivi 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quad 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Dystromomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoeplbema ambr 1 --> (01) (within terminal)
1 Chinchilla panig 1 --> (01) (within terminal)
1 Lagidium viscac 1 --> (01) (within terminal)
1 Lagostomus maxima 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvu 1 --> (01) (within terminal)
1 Chambiramys syl 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 Leucokhepalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acarem myr muri 1 --> (01) (within terminal)
1 Sciameys principa 1 --> (01) (within terminal)
1 Galileomys eu 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomy s pri 1 --> (01) (within terminal)

Pge p
Hsearch Consensus.out
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito triloph 1 --> (01) (within terminal)
1 Echimys chrysuru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomatomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 node_181 1 --> 0 node_178
1 Neophanomys biipl 0 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Pleiaca rechiomys 1 --> (01) (within terminal)
1 Sailamy s pascal 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamy spaul a 1 --> (01) (within terminal)
1 Shapaj amy s laboc 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys uca yali e 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 s wind 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 Baluchi omys barry 1 --> (01) (within 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 fus) 1.000
1 Potamarchus muri 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 node_178 0 ==> 1 node_177

423 (Complete fus) 1.000
1 Potamarchus muri 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 node_181 0 ==> 1 node_178

424 (Fusion of the) 1.000
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomy s ligchaen 0 --> (01) (within terminal)
1 Reithroparamy s d 0 --> (01) (within terminal)
1 Birbalomy s sonda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 Chapatti amy s wils 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Bugt Amy s za farul 0 --> (01) (within terminal)
1 Hodshibia azrae 0 --> (01) (within terminal)
1 Waslamy s attia 0 --> (01) (within terminal)
1 Phiomys hammadai 0 --> (01) (within terminal)
1 Cachi yacuy conte 0 --> (01) (within terminal)
1 Eoespi na woodi-E 0 --> (01) (within terminal)
1 Canaanamy s maqui 0 --> (01) (within terminal)
1 Protosteiromy s m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
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<th>State</th>
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<td>Erethizon dorsat</td>
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Shapajamy s laboc 0 --> (01) (within terminal)
Eobranisamy s rom 0 --> (01) (within terminal)
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Canaa nymys maqui 1 --> (01) (within terminal)
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Erethizon dorsat 1 --> (01) (within terminal)
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Galea spixii 1 --> (01) (within terminal)
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Lagidium viscaci 1 --> (01) (within terminal)
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Chambiramys ship 1 --> (01) (within terminal)
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Chambiramys sylv 1 --> (01) (within terminal)
Eoincamys valver 1 --> (01) (within terminal)

425 (Fusion of the 0.500)
Hsearch_Consensus.out

1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucophellos zee 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Desechomys aramb 1 --> (01) (within terminal)
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1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
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1 Ctenomys bolivie 1 --> (01) (within terminal)

1 Octodon degus 0 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomy 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
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1 Shapajamys laboc 1 --> (01) (within terminal)
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1 Eobraniomys jav 1 --> (01) (within terminal)
1 Pozomys ucayali 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 Thyromys 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 Baluchimys barry 1 --> (01) (within terminal)

426 (Lamines on lo) 1.000
1 node_149 0 ==> 1 node_148
1 Potamarchus muri 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Sinergostomus praeclu 0 --> (01) (within terminal)
1 Archetypomy omes erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Stelomys ligchaen 0 --> (01) (within terminal)
1 Reithroparomys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys dispar 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniaproa 0 --> (01) (within terminal)
1 Bugtymi s zafarul 0 --> (01) (within terminal)
1 Hodshashia azrae 0 --> (01) (within terminal)
1 'Wasl'amy's attia 0 --> (01) (within terminal)
1 Phiomys hambdai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanymos maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Esosteiromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
Hsearch_Consensus.out

2 Eoincamys pascua 1 -> (012) (within terminal)
2 Incamys bolivian 1 -> (012) (within terminal)
2 Microscleromys p 1 -> (012) (within terminal)
2 Neoepiblema ambr 1 -> (012) (within terminal)
2 Garridomyms curnu 1 -> (012) (within terminal)
2 Eoviscaccia fras 1 -> (012) (within terminal)
2 Eoviscaccia aust 1 -> (012) (within terminal)
2 Chambiramys ship 1 -> (012) (within terminal)
2 Eoincamys parvus 1 -> (012) (within terminal)
2 Chambiramys sylv 1 -> (012) (within terminal)
2 Eoincamys valver 1 -> (012) (within terminal)
2 Eoincamys ameghi 1 -> (012) (within terminal)
2 Draconomys verai 1 -> (012) (within terminal)
2 Leucokephalos ze 1 -> (012) (within terminal)
2 Platypittamys br 1 -> (012) (within terminal)
2 Deseadomyms aramb 1 -> (012) (within terminal)
2 Prospaniomys pri 1 -> (012) (within terminal)
2 Maruchito trilof 1 -> (012) (within terminal)
2 Protadelphomys l 1 -> (012) (within terminal)
2 Xenodontomys sim 1 -> (012) (within terminal)
2 Neophanomys bipl 1 -> (012) (within terminal)
2 Pithanotomys col 1 -> (012) (within terminal)
2 Prostichomys bow 1 -> (012) (within terminal)
2 Stichomys regula 1 -> (012) (within terminal)
2 Dudumus ruigomez 1 -> (012) (within terminal)
2 Pampamyms emmons 1 -> (012) (within terminal)
2 Caviocricetus lu 1 -> (012) (within terminal)
2 Plesiacarechimys 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 Shapajamyms laboc 1 -> (012) (within terminal)
2 Eobranisamys rom 1 -> (012) (within terminal)
2 Eobranisamys jav 1 -> (012) (within terminal)
<table>
<thead>
<tr>
<th>Species</th>
<th>State</th>
<th>Length of tree</th>
<th>Node 1</th>
<th>Node 2</th>
</tr>
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<tr>
<td>Pozomys ucayalí</td>
<td>1</td>
<td>0.333</td>
<td>node_210</td>
<td>node_209</td>
</tr>
<tr>
<td>Tarapotomys mayo</td>
<td>1</td>
<td></td>
<td>node_130</td>
<td>node_128</td>
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<tr>
<td>Tarapotomys suba</td>
<td>1</td>
<td></td>
<td>node_125</td>
<td></td>
</tr>
<tr>
<td>Cachiyacuy kumme</td>
<td>1</td>
<td></td>
<td>node_131</td>
<td></td>
</tr>
<tr>
<td>Paraphiomys pigo</td>
<td>1</td>
<td></td>
<td>node_139</td>
<td></td>
</tr>
<tr>
<td>Baluchimys barry</td>
<td>1</td>
<td></td>
<td>node_195</td>
<td></td>
</tr>
<tr>
<td>Archetypomys erl</td>
<td>0</td>
<td></td>
<td>node_131</td>
<td></td>
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<tr>
<td>Birbalomys sonda</td>
<td>0</td>
<td></td>
<td>node_125</td>
<td></td>
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<tr>
<td>Chapatti mys wilts</td>
<td>0</td>
<td></td>
<td>node_125</td>
<td></td>
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<tr>
<td>Ottomania proavi</td>
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<td></td>
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<tr>
<td>Hodsahibia azrae</td>
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<tr>
<td>'Waslamys' attia</td>
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<td></td>
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<td>Phiomys hammúdai</td>
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<td></td>
<td>node_131</td>
<td></td>
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<tr>
<td>Cachiyacuy conta</td>
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<td>Eoespina woodi - E</td>
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<tr>
<td>Canaanimys maqui</td>
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<tr>
<td>Protosteirromys m</td>
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<tr>
<td>Eosteirromys homo</td>
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<td>Neosteirromys pat</td>
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<td>node_131</td>
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</tr>
<tr>
<td>Steirromys detent</td>
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<tr>
<td>Hypsosteirromys a</td>
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<td>Palaeosteirromys</td>
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<td>Australoprocta f</td>
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<td>Asteromys punctu</td>
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<td>Perimys intermed</td>
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<td>Neoreomys austral</td>
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<td>Branisamys lurib</td>
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<tr>
<td>Drytomomys aequa</td>
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<td>node_131</td>
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</tbody>
</table>
Hsearch_Consensus.out

1 Scleromys quadra 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoepliema ambr 0 --> (01) (within terminal)
1 node_147 0 ==> 1 Lagostomus maxim
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Willi dews estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 node_186 0 ==> 1 node_183
1 Spaniomys ripari 1 --> (01) (within terminal)
1 node_170 1 ==> 0 Maruchito trilof
1 Protadelphomys l 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Stichomyx regul 1 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampanyms emmons 0 --> (01) (within terminal)
1 Cavlocricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamys faboc 0 --> (01) (within terminal)
1 Eobranisamys jau 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Canaanimys maqui 2 --> (01) (within terminal)
1 node_204 2 --> 1 node_205
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 node_205 1 --> 2 node_204
1 Phiomys hammudai 2 --> (012) (within terminal)
1 Protosteiromys m 1 --> (012) (within terminal)
1 Neosteiromys pat 1 --> (012) (within terminal)
1 Steiromys detent 1 --> (012) (within terminal)
1 Hypsosteiromys a 1 --> (012) (within terminal)
1 Palaesteiromys 1 --> (012) (within terminal)
Hsearch_Consensus.out
2 Australoprocta f 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_131 1 ==> 0 Dolichotis patagon 2 Cavia aperea
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermedi 1 --> (012) (within terminal)
1 node_138 1 ==> 0 Brani samys luri b 2 node_139
1 node_140 1 ==> 0 Galea spixii
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 2 node_147
1 node_148 1 --> 2 node_147
2 Neoepiblema ambr 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
1 node_152 1 --> 2 node_151
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys 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 Prospaniomys pri 1 --> (012) (within terminal)
2 Spaniomys ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Echimys chrysura 1 --> (012) (within terminal)
2 Makalata didelph 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

3 Eoincamys parvus 0 --> (0123) (within terminal)
3 Chambiramys sylv 0 --> (0123) (within terminal)
3 Eoincamys valver 0 --> (0123) (within terminal)
3 Eoincamys ameghi 0 --> (0123) (within terminal)
1 node_194 0 ==> 1 node_162
1 node_163 0 ==> 1 Deseadomys aramb
1 Acaremys murinus 0 --> (01) (within terminal)
1 node_165 0 ==> 1 Galileomys euryg
3 Willidewu estepa 0 --> (0123) (within terminal)
1 node_170 0 ==> 1 node_169
3 Protadelphomyss l 0 --> (0123) (within terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
1 node_182 0 ==> 1 node_181
1 node_177 1 ==> 2 Ctenomyss bolivie
3 Neophanomys bipl 1 --> (0123) (within terminal)
3 Pithanotomys col 1 --> (0123) (within terminal)
1 node_186 0 --> 1 node_185
1 node_184 1 --> 0 Stichomyss regula
1 Sallamys paschual 0 --> (01) (within terminal)
3 Mayomys confluen 0 --> (0123) (within terminal)
3 Eosallamys paula 0 --> (0123) (within terminal)
3 Shapajamys laboc 0 --> (0123) (within terminal)
3 Eobranisamys jav 0 --> (0123) (within terminal)
1 node_204 0 --> 1 node_203
3 Tarapotomys mayo 1 --> (0123) (within terminal)
3 Tarapotomys suba 1 --> (0123) (within terminal)
3 Cachiyacuy kumme 0 --> (0123) (within terminal)
1 node_208 0 --> 1 Thryonomys wind
3 Baluchimys barry 1 --> (0123) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
1 node_219 1 --> 2 Tribosphenomys sonde
2 Birbalomys sonda 1 --> (012) (within terminal)
1 node_217 1 --> 0 node_216
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapattimys wil 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
1 node_120 0 --> 1 'Waslamys' attia
2 Phiomys hammudai 0 --> (012) (within terminal)
1 node_205 0 --> 1 node_122
2 Cachiyacuy centa 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
1 node_201 0 ==> 1 node_198

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Hsearch_Consensus.out

1  node_180 1 --> 0 Spalacopus cyanus
1  node_186 0 ==/> 1 node_185
2  Mayomys confuen 1 --> (012) (within terminal)
2  Eosallamys paula 1 --> (012) (within terminal)
2  Shapajamys laboc 0 --> (012) (within terminal)
2  Eobranisamys jav 0 --> (012) (within terminal)
2  Tarapotomys mayo 0 --> (012) (within terminal)
2  Tarapotomys suba 0 --> (012) (within terminal)
2  Cachiyacuy kumme 0 --> (012) (within terminal)
1  node_208 0 ==/> 1 Thryonomyys wind
2  Baluchimys barry 0 --> (012) (within terminal)
2  Archetypomys e rl 2 --> (012) (within terminal)
2  Tribosphenomys m 2 --> (012) (within terminal)
2  Birbalomyys sonda 2 --> (012) (within terminal)
2  node_217 2 --> 0 node_216
2  Tamquammamys dispi 0 --> (012) (within terminal)
2  Chapattimys wils 0 --> (012) (within terminal)
2  Ottomania proavi 0 --> (012) (within terminal)
2  Hodsahiba azrae 0 --> (012) (within terminal)
2  Phiomys hammudai 0 --> (012) (within terminal)
2  Cachiyacuy conta 0 --> (012) (within terminal)
2  Canaanimys maqui 0 --> (012) (within terminal)
1  node_141 0 --> 1 node_130
2  Protosteiromys m 1 --> (012) (within terminal)
2  Eoesteiromys homo 1 --> (012) (within terminal)
2  Neosteiromys pat 1 --> (012) (within terminal)
2  Steiromys detent 1 --> (012) (within terminal)
1  node_129 1 --> 0 Hyposteiromys a
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)
1  Cuniculus paca-t 0 --> (01) (within terminal)
Hsearch_Consensus.out

2 Birbalomys sonda 0 --> (012) (within terminal)
1 node_217 0 --> 1 node_216
2 Tamquammys disputi 1 --> (012) (within terminal)
2 Chapattimys wilts 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
1 node_120 1 --> 2 node_119
2 Hodsahibia azrae 2 --> (012) (within terminal)
1 node_211 1 --> 2 node_210
2 Phiomys hammedai 2 --> (012) (within terminal)
2 Cachiyacuy conta 2 --> (012) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
1 node_204 2 --> 1 node_201
2 Protosteiromys m 1 --> (012) (within terminal)
2 Eosteiromys homo 1 --> (012) (within terminal)
2 Neosteiromys pat 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
1 node_129 1 ==> 2 Chaetomys subsp
2 Palaeosteiromys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
1 node_137 1 --> 2 node_136
2 Asteromys punctu 2 --> (012) (within terminal)
1 node_133 2 --> 1 node_132
1 node_132 1 ==> 0 Galea spixi
2 Perimys intermed 2 --> (012) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Incamys bolivian 1 --> (12) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
1 node_148 1 --> 2 node_145
2 Drytomomys aequa 2 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
1 node_148 1 --> 0 node_147
1 node_147 0 --> 1 Neoepiblema ambr
1 node_152 1 --> 2 node_151
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
Hsearch_Consensus.out

2 EoinCamys ameghi 1 --> (012) (within terminal)
1 node_163 1 ==> 2 Platypittamys br
1 node_164 1 ==> 0 Acaremys murinus
1 node_165 1 ==> 2 Galileomys euryg
2 Willidewu estepa 1 --> (012) (within terminal)
1 node_190 1 ==> 2 node_189
1 node_187 2 ==> 1 node_186
1 Spaniomys ripari 1 --> (011) (within terminal)
1 Proechimys cuvie 1 --> (12) (within terminal)
1 node_170 1 ==> 0 Maruchito trilof
1 Thrichomys apere 1 --> (12) (within terminal)
1 node_173 1 --> 2 node_172
1 Makalata dieloph 2 --> (12) (within terminal)
1 node_175 1 --> 2 node_174
2 Protadelphomys l 2 --> (012) (within terminal)
1 node_181 1 --> 2 node_178
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
1 node_180 1 --> 0 node_179
2 Pithanotomys col 0 --> (012) (within terminal)
1 Prostichomys bow 1 --> (12) (within terminal)
1 Stichomys regula 1 --> (12) (within terminal)
2 Plesiacaechimys 1 --> (012) (within terminal)
1 Sallamys pascual 1 --> (12) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)
2 Eosal l amys 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 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Cachi yacuy kumme 2 --> (012) (within terminal)
1 node_209 2 --> 1 node_208
1 node_208 1 ==> 0 Paraphiomys pigo
1 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)
3 Archetypomys erl 0 --> (0123) (within terminal)
3 Birbalomys sonda 0 --> (0123) (within terminal)
3 Tamquammys dispi 0 --> (0123) (within terminal)
3 Chapattimys wils 0 --> (0123) (within terminal)
3 Ottomania proavi 0 --> (0123) (within terminal)
3 Bughtimys zafarul 0 --> (0123) (within terminal)
3 Hodshibi a azrae 0 --> (0123) (within terminal)
3 'Waslamys' attia 0 --> (0123) (within terminal)

444 (*Development ) 0.231

Pge p
Hsearch_Consensus.out

1  node_209 0 --> 1 node_207
3  Phiomys hammudai 1 --> (0123) (within terminal)
3  Cachi yacuy conta 1 --> (0123) (within terminal)
3  Eoespina woodi-E 1 --> (0123) (within terminal)
3  Canaani m ys maqui 1 --> (0123) (within terminal)

1  node_198 1 ==> 2 node_141
3  Protoste iromys m 2 --> (0123) (within terminal)

2  node_126 2 --> 0 node_124
3  Eoste iromys Homo 0 --> (0123) (within terminal)
3  Neoste iromys pat 0 --> (0123) (within terminal)

1  node_126 2 ==> 3 node_125
3  Stei romys de tient 2 --> (0123) (within terminal)
3  Hyposte iromys a 2 --> (0123) (within terminal)
3  Palaeoste iromys 2 --> (0123) (within terminal)

1  node_141 2 --> 3 node_140
3  Australoprocta f 3 --> (0123) (within terminal)
3  Luantus propheti 3 --> (0123) (within terminal)
3  Asteromys punctu 3 --> (0123) (within terminal)
3  Perimys intermed 3 --> (0123) (within terminal)
3  Neoreomys austra 3 --> (0123) (within terminal)
3  Branisamys lurib 3 --> (0123) (within terminal)

2  node_139 3 ==> 1 Dasyprocta
3  Eoincamys pascua 1 --> (0123) (within terminal)
3  Incamys bolivian 1 --> (0123) (within terminal)
3  Mi cro scleromys p 1 --> (0123) (within terminal)
3  Scleromys quadra 1 --> (0123) (within terminal)
3  Scleromys angust 1 --> (0123) (within terminal)
3  Drytomomys aequa 1 --> (0123) (within terminal)
3  Potamarchus muri 1 --> (0123) (within terminal)

1  node_148 1 --> 2 node_147
3  Neoepiblema ambr 2 --> (0123) (within terminal)

1  node_146 2 --> 1 Lagidium viscaci
1  node_147 2 ==> 3 Lagostomus maxim
3  Scleromys osborn 1 --> (0123) (within terminal)
3  Garr idomys curnu 1 --> (0123) (within terminal)
3  Evoiscaccia fras 1 --> (0123) (within terminal)
3  Evoiscaccia aust 1 --> (0123) (within terminal)
3  Scleromys p racu 1 --> (0123) (within terminal)
3  Chambiramys ship 1 --> (0123) (within terminal)

Pge p
Hsearch_Consensus.out

3 Tarapotomys suba 1 --> (0123) (within terminal)
3 Cachiyacuy kumme 1 --> (0123) (within terminal)
3 Paraphiomys pigo 0 --> (0123) (within terminal)
3 Baluchimys barry 0 --> (0123) (within terminal)

445 (Development o) 0.500

1 Archetypomys erl 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Chattiyacuy wil's 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Canaaniyya maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eesteiromys homo 0 --> (01) (within terminal)
1 Neoesteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 node_136 0 --> 1 node_135
1 Asteromyx punctu 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Micr scleromyx p 0 --> (01) (within terminal)
1 Scleromyx quadra 0 --> (01) (within terminal)
1 Drytomyx aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 node_147 0 --> 1 Lagostomus maxim
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromyx praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Protadelphomyx l 0 --> (01) (within terminal)
1 Xenodontomyx sim 0 --> (01) (within terminal)
1 Neophanomyx bipl 0 --> (01) (within terminal)
1 Pithanotomyx col 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Mayomyx confluen 0 --> (01) (within terminal)
1 Eosaliamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobrasiamyx rom 0 --> (01) (within terminal)
1 Eobrasiamyx jav 0 --> (01) (within terminal)
1 Pozomyx ucalalie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
2 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomyx m 0 --> (012) (within terminal)
2 Cocomyx ligchaen 0 --> (012) (within terminal)
2 Reithroparamys d 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)

446 (*Depth of the) 0.667

Pge p
Hsearch_Consensus.out

terminal
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachi yacuy conta 0 --> (012) (within terminal)
2 Eoespina woodi-E 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
1 node_198 0 --> 1 node_141
2 Protosteir oms m 1 --> (012) (within terminal)
2 Eoste iromys homo 1 --> (012) (within terminal)
2 Brantisamyopsis a 1 --> (012) (within terminal)
2 Neoste iromys pat 1 --> (012) (within terminal)
2 Stei romys detent 1 --> (012) (within terminal)
2 Hypsoste iromys a 1 --> (012) (within terminal)
2 Palaeoste iromys 1 --> (012) (within terminal)
1 node_140 1 --> 2 node_138
2 Australoprocta f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
2 Asteromys punctu 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Branisamys lurib 2 --> (012) (within terminal)
2 Dasyprocta 1 --> (012) (within terminal)
2 Eoincamys pascua 0 --> (012) (within terminal)
2 Incamys bolivian 0 --> (012) (within terminal)
2 Microscl eromys 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)
1 node_148 0 --> 1 node_147
2 Neoepiblema ambr 1 --> (012) (within terminal)
2 Scleromys osborn 0 --> (012) (within terminal)
Hsearch_Consensus.out
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypttamys br 0 --> (012) (within terminal)
2 Deseadomya aramb 0 --> (012) (within terminal)
2 Acaremys murinus 0 --> (012) (within terminal)
2 Sciames principal 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Prospaniomya pri 0 --> (012) (within terminal)
2 Spaniomya ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)
2 Proechimys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys aper 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatics 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Pithanotoxys col 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)
2 Spalacopus cyanu 0 --> (012) (within terminal)
2 Adelphomys candi 0 --> (012) (within terminal)
### Hsearch Consensus.out

<table>
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<th>Taxon</th>
<th>Clade</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prostichomys bow</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Stichomys regula</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Dudumus ruigomez</td>
<td>0</td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Pampamys emmons</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Caviocrictetus lu</td>
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<tr>
<td>Plesiacechimys</td>
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</tr>
<tr>
<td>Salamys pascual</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Mayomys confluen</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Eosallamys paula</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Shapajamyx laboc</td>
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</tr>
<tr>
<td>Eobranisamys rom</td>
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</tr>
<tr>
<td>Eobranisamys jav</td>
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<td>(012) within terminal</td>
</tr>
<tr>
<td>Pozomys ucaialie</td>
<td>0</td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Tarapotomys mayo</td>
<td>0</td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Tarapotomys suba</td>
<td>0</td>
<td>(012) within terminal</td>
</tr>
<tr>
<td>Cachiyacuy kumme</td>
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<td>Acritopthiomys bo</td>
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<tr>
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<td>Archetypomys erl</td>
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<tr>
<td>Tribosphenomys m</td>
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</tr>
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<td>Birbalomys sonda</td>
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<td>Tamquammis disp</td>
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</tr>
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<td>Chapattymys wil's</td>
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</tr>
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<td>Ottomania propavia</td>
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<td>Bugtimys zafarul</td>
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<td>Hodasabia azrae</td>
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<td>Walsamyx attia</td>
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<td>Phiomys hammudai</td>
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</tr>
<tr>
<td>Neosteirymys pat</td>
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</tr>
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<td>Steirymys detent</td>
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### (Coronoid proc) 0.500

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node 130
 - node 129
   - node 130
     - node 129
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Pge
Hsearch Consensus.out

1 Branisamys lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Micrscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 node_148 0 --> 1 node_145
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neoepeiblemma ambr 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia frasa 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praeclu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Leucogohalos ze 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acremys murinus 0 --> (01) (within terminal)
1 Sciamys principa 0 --> (01) (within terminal)
1 Galileoemys 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 Maruchito trif 0 --> (01) (within terminal)
1 Protadolphomys l 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Protichomenys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Cavilocricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosalamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys uayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiycuyp kumme 0 --> (01) (within terminal)
1 Paraphiomys pug 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acrithophiomys bo 0 --> (01) (within terminal)
1 Baluchiys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomes ligcha 0 --> (01) (within terminal)
1 Birbalomys soma 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Tamquamys despi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomaniaproavi 1 --> (01) (within terminal)
1 Bugtismys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrael 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Phiomys hammodai 1 --> (01) (within terminal)
1 Cachiycuyp conta 1 --> (01) (within terminal)

448 (Height of the) 0.143

Pge p
Hsearch_Consensus.out
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neopogonolagus ambr 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnula 1 --> (01) (within terminal)
1 Eovi scaccia fras 1 --> (01) (within terminal)
1 Eovi scaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramyship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramyssylv 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 Leucokcephalosze 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sclamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willi dewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 node_173 1 --> 0 node_171
1 node_169 0 --> 1 node_168
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Maruchtito trilof 0 --> (01) (within terminal)
1 Protadelpheomyssim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Adelphomys canadi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Cavicsricetus lu 1 --> (01) (within terminal)
1 Pleisiacarechimys 1 --> (01) (within terminal)
1 Salamys 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 Eobransamyssrom 1 --> (01) (within terminal)
1 Eobransamyssjav 1 --> (01) (within terminal)
1 Pozomys ucatylie 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiycuy kumme 1 --> (01) (within terminal)
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Acrithophiomys bo 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Cocomas ligchaen 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispil 0 --> (012) (within terminal)
2 Chapattiomys wils 0 --> (012) (within terminal)
2 Ottomaniaprovai 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)

452 (*Dorsoventral) 0.222

Pge p
Hsearch_Consensus.out

2 Eoincamys parvus 0 -> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 -> (012) (within terminal)
2 Deseadomys aramb 0 -> (012) (within terminal)
2 Acaremys murinus 0 -> (012) (within terminal)
2 Sciamys principa 0 -> (012) (within terminal)
2 Galileomys euryg 0 -> (012) (within terminal)
2 Willidewu estepa 0 -> (012) (within terminal)
2 Prospaniomys pri 0 -> (012) (within terminal)
1 node_169 0 -> 1 node_168
2 Spaniomys ripari 1 -> (012) (within terminal)
2 Maruchito trilof 0 -> (012) (within terminal)
1 node_172 0 -> 1 Echimys chrysura
2 Protadelphomys l 0 -> (012) (within terminal)
2 Xenodontomys sim 0 -> (012) (within terminal)
2 Neophanomys bipl 0 -> (012) (within terminal)
2 Pithanotomys col 0 -> (012) (within terminal)
2 Adelphomys candi 0 -> (012) (within terminal)
2 Prostichomys bow 0 -> (012) (within terminal)
2 Stichomys regula 0 -> (012) (within terminal)
2 Dudumus ruigomez 0 -> (012) (within terminal)
2 Pampamys emmonsa 0 -> (012) (within terminal)
2 Caviocrictetus lu 0 -> (012) (within terminal)
2 Plesiacarechimys 0 -> (012) (within terminal)
2 Sallamys pascual 0 -> (012) (within terminal)
2 Mayomys confluen 0 -> (012) (within terminal)
2 Eosallamys paula 0 -> (012) (within terminal)
2 Shapajamy s 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)

Pge p
Hsearch_Consensus.out
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammuawai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi - E 0 --> (01) (within terminal)
1 Canaanimys maquii 0 --> (01) (within terminal)
1 Protosteiromy s m 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromy s pat 0 --> (01) (within terminal)
1 Steiromy s detent 0 --> (01) (within terminal)
1 Palaeosteiromy s 0 --> (01) (within terminal)
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1 Asteromy s punctu 1 --> (01) (within terminal)
1 node_133 1 --> 0 node_131
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamy s lurb 1 --> (01) (within terminal)
1 Eoincamys pas cu 0 --> (01) (within terminal)
1 Microscleromy s p 0 --> (01) (within terminal)
1 Scleromy s quadra 0 --> (01) (within terminal)
1 Scleromy s angust 0 --> (01) (within terminal)
1 Drytomomy s aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoeptibl a eamb 0 --> (01) (within terminal)
1 node_146 0 ==> 1 Chinchilla lani g
1 Garridomy s Curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromy s prae c u 0 --> (01) (within terminal)
1 Chambiramy s ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy s sy lv 0 --> (01) (within terminal)
1 Eoincamys val yer 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomy s vera i 0 --> (01) (within terminal)
1 Leucokophalo s ze 0 --> (01) (within terminal)
1 Deseadomy s aramb 0 --> (01) (within terminal)
1 Acarem y s murinus 0 --> (01) (within terminal)
1 Sci amys pr in ci pa 0 --> (01) (within terminal)
1 Galileomys eury g 0 --> (01) (within terminal)
1 Willidewu est e p a 0 --> (01) (within terminal)
1 node_192 0 --> 1 node_191
1 node_168 1 --> 0 Myocastor c oypus
1 Maruchito tril of 1 --> (01) (within terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomy s l 0 --> (01) (within terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomy s sim 0 --> (01) (within terminal)
1 Neophanomy s bi pl 0 --> (01) (within terminal)
1 node_180 0 --> 1 node_179
1 Pithanatomy s col 1 --> (01) (within terminal)
1 Abrocoma ben nett 1 --> (01) (within terminal)
1 Adelphomy s candi 1 --> (01) (within terminal)
1 Prost ichom y s bow 1 --> (01) (within terminal)
1 Sticho my s regul a 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamy s e mmons a 1 --> (01) (within terminal)
1 Cavict ricitus lu 1 --> (01) (within terminal)
1 Plesiaca rechi mys 1 --> (01) (within terminal)
1 Salama my s pascu al 0 --> (01) (within terminal)
1 Mayomy s conf lu en 0 --> (01) (within terminal)
1 Eosalamy s paula 0 --> (01) (within terminal)
1 Shapajamy s laboc 0 --> (01) (within terminal)
1 Eobranisamy s rom 0 --> (01) (within terminal)
1 Eobranisamy s jav 0 --> (01) (within terminal)
1 Pozomy s ucayal i e 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 node_209 0 ==> 1 node_208
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archetypomys er 1 --> (012) (within terminal)
2 Tribosphenyomys m 1 --> (012) (within terminal)
2 Coomys ligaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wil 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsa bibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)
2 Eosteiromys homo 1 --> (012) (within terminal)
2 Branisamypsis a 1 --> (012) (within terminal)
2 Neosteiromys pat 1 --> (012) (within terminal)
2 Erethizon dorsat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Hypsosteiromys a 1 --> (012) (within terminal)
2 Chaetomys subspi 1 --> (012) (within terminal)
2 Palaeosteiromys 1 --> (012) (within terminal)
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)
1 node_132 1 ==> 0 Galea spixii

455 (*Development*) 0.286

Pge p
Hsearch_Consensus.out
2 Perimys_intermed 1 --> (012) (within terminal)
2 Neoreomys_australis 1 --> (012) (within terminal)
2 Brani samys_lurib 1 --> (012) (within terminal)
1 node_140 1 ==> 2 node_139
1 node_198 1 --> 0 node_197
2 Eoincamys_pascua 0 --> (012) (within terminal)
2 Incamys_bolivianus 0 --> (012) (within terminal)
2 Microscleromys_p 0 --> (012) (within terminal)
2 Scleromys_quadra 0 --> (012) (within terminal)
2 Scleromys_angustus 0 --> (012) (within terminal)
2 Drytomomys_aeque 0 --> (012) (within terminal)
2 Potamarchus_muri 0 --> (012) (within terminal)
2 Dinomys_branicki 0 --> (012) (within terminal)
2 Neopiblema_ambr 0 --> (012) (within terminal)
2 Lagidium_viscaci 0 --> (012) (within terminal)
2 Lagostomus_maximus 0 --> (012) (within terminal)
2 Scleromys_osborn 0 --> (012) (within terminal)
2 Garridomys_curnu 0 --> (012) (within terminal)
2 Evoiscaccia_fras 0 --> (012) (within terminal)
2 Evoiscaccia_aust 0 --> (012) (within terminal)
2 Scleromys_praecu 0 --> (012) (within terminal)
2 Chambramys_ship 0 --> (012) (within terminal)
2 Eoincamys_parvus 0 --> (012) (within terminal)
2 Chambramys_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)
2 Leucokephalos_ze 0 --> (012) (within terminal)
2 Platypttamybr 0 --> (012) (within terminal)
2 Deseadomys_aramb 0 --> (012) (within terminal)
2 Acaremys_murinus 0 --> (012) (within terminal)
2 Sciamys_principa 0 --> (012) (within terminal)
2 Galileomys_euryg 0 --> (012) (within terminal)
2 Willidewu_estepa 0 --> (012) (within terminal)
1 node_182 0 ==> 1 node_176
1 node_169 1 --> 0 node_168
Pgp
Hsearch_Consensus.out

1 node_147 1 ==> 0 node_146
2 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curru 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Eoviscaccia aust 1 --> (012) (within terminal)
2 Scleromys praeu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
2 Platypittamys br 1 --> (012) (within terminal)
2 Deseadomys aramb 1 --> (012) (within terminal)
2 Sci amys principa 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomy s pri 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
1 node_171 1 ==> 0 Thrichomys aper e
1 node_173 1 ==> 2 node_172
1 node_174 1 ==> 2 Euryzygomatomy s
1 node_182 1 --> 2 node_181
1 node_177 2 --> 1 Xenobontomys s im
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys col 2 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adel phomys candi 1 --> (012) (within terminal)
2 Prost ichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmons a 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechim y s 1 --> (012) (within terminal)
2 Mayomys conflu 1 --> (012) (within terminal)
2 Eosallamys paula 1 --> (012) (within terminal)
Hsearch_Consensus.out

2 Shapajamyis laboc 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys ucalalie 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiya cuy kumme 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys 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 dispi 2 --> (012) (within terminal)
2 Chapattimys wils 2 --> (012) (within terminal)
2 Ottomania proavi 2 --> (012) (within terminal)
2 Bughtimys zafarul 2 --> (012) (within terminal)
2 Hodsa hibia azrae 2 --> (012) (within terminal)
2 'Waslamys' attia 2 --> (012) (within terminal)
2 Phiomys hammodai 2 --> (012) (within terminal)
2 Cachiya cuy conta 2 --> (012) (within terminal)
2 Eoespina woodi-E 2 --> (012) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
2 Protosteiromys m 2 --> (012) (within terminal)
2 Branisamyopsis a 2 --> (012) (within terminal)
2 Neosteiromys pat 2 --> (012) (within terminal)

1 node_126 2 ==> 1 node_125
1 node_125 1 ==> 0 Erethizon dorsat
2 node_129 2 ==> 0 Chaetomys subspi
2 Palaeosteiromys 2 --> (012) (within terminal)
2 Australoprocta f 2 --> (012) (within terminal)
1 node_137 2 ==> 1 node_136
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_131 1 --> 2 Hydrochoerus hyd
2 Perimys intermed 1 --> (012) (within terminal)

458 (*Shape of the) 0.143
Hsearch_Consensus.out

1 node_139 2 ==> 1 Cuniculus paca-t
2 Eoincamys paścua 2 --> (012) (within terminal)
2 Incamys boliviаn 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 Potamarchus muri 2 --> (012) (within terminal)

1 node_147 2 ==> 1 Lagostomus maxim
2 Scleromys osborn 2 --> (012) (within terminal)
2 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Eoincamys ameghi 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Sciarmys principа 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estепа 2 --> (012) (within terminal)
1 node_192 2 ==> 1 node_191
1 node_169 1 ==> 2 node_168
1 Prospaniomys pri 1 --> (012) (within terminal)
1 node_181 1 ==> 2 node_178
2 Spaniomy s ripari 2 --> (012) (within terminal)
2 Maruchito triп 1 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys coll 1 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adel phomys candi 1 --> (012) (within terminal)
Hsearch_Consensus.out

```
1 node_126 0 ==> 1 node_124
2 Branisamyopsis a 1 --> (012) (within terminal)
2 Steiromys detent 0 --> (012) (within terminal)
2 Palaeosteiromys 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 Perimys intermed 0 --> (012) (within terminal)
2 node_139 0 ==> 2 Cuniculus paca-t
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 node_146 0 ==> 1 Lagidium viscaci
2 Scleromys osBorn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Sciayms principia 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Prospaniomyms pri 0 --> (012) (within terminal)
2 Maruchito tilof 0 --> (012) (within terminal)
```
Hsearch Consensus.out

2 Neophanomys bipolar
0 --> (012) (within terminal)

2 Pithanotomys calo
0 --> (012) (within terminal)

2 Abrocoma bennett
0 --> (012) (within terminal)

2 Adelphomys candid
0 --> (012) (within terminal)

2 Prostichomys bow
0 --> (012) (within terminal)

2 Stichomys regular
0 --> (012) (within terminal)

2 Dudemus ruigomez
0 --> (012) (within terminal)

2 Pampamys emmons
0 --> (012) (within terminal)

2 Caviocricus us
0 --> (012) (within terminal)

2 Plesiacarechimys
0 --> (012) (within terminal)

2 Sallamys pascal
0 --> (012) (within terminal)

2 Mayomys confluence
0 --> (012) (within terminal)

2 Eosallamys paula
0 --> (012) (within terminal)

2 Shapajamins laboca
0 --> (012) (within terminal)

2 Eobranisamys roman
0 --> (012) (within terminal)

2 Eobranisamys javan
0 --> (012) (within terminal)

2 Pozomys uca
0 --> (012) (within terminal)

2 Tarapotomys mayo
0 --> (012) (within terminal)

2 Tarapotomys suba
0 --> (012) (within terminal)

2 Cachiyacuy kumme
0 --> (012) (within terminal)

2 Paraphiomys pigo
0 --> (012) (within terminal)

2 Metaphiomys scha
0 --> (012) (within terminal)

2 Acritophiomys bo
0 --> (012) (within terminal)

2 Baluchimys barry
0 --> (012) (within terminal)

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) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
1 node 218 1 --> 2 node 217
2 Birbalomys sonda 2 --> (012) (within terminal)
2 Tamquammis disp 2 --> (012) (within terminal)
2 Chapattimys wils 2 --> (012) (within terminal)
2 Ottomaniam proavi 2 --> (012) (within terminal)
Hsearch_Consensus.out

2 Acri<lopomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)

463 (Articulation) 1.000

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamaquamys disp 0 --> (01) (within terminal)
1 Chapattimys wil s 0 --> (01) (within terminal)
1 Ottomaniaprovai 0 --> (01) (within terminal)
1 Bugtymyszafarul 0 --> (01) (within terminal)
1 Hodshabiiazrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiymys yacuyconta 0 --> (01) (within terminal)
1 Eoespi lane woodi -E 0 --> (01) (within terminal)
1 Canaanimys macquii 0 --> (01) (within terminal)
1 Protosteirymys m 0 --> (01) (within terminal)
1 Branisamyopsisa 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Palaeosteirymys 0 --> (01) (within terminal)
1 Australoprocta 0 --> (01) (within terminal)
1 Luantuspropheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 node_131 0 === 1 Dolichotispatag
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyssurib 0 --> (01) (within terminal)
1 Eoincamys pas cu 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microscleromys prae 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomyseaqu 0 --> (01) (within terminal)
1 Potamarchusmuri 0 --> (01) (within terminal)
1 Garridomys currn 0 --> (01) (within terminal)
1 Eoresacciafras 0 --> (01) (within terminal)
1 Eoresaccia aust 0 --> (01) (within terminal)
1 Scleromysprae 0 --> (01) (within terminal)
1 Chambramysship 0 --> (01) (within terminal)
1 Eoincamysparvus 0 --> (01) (within terminal)
1 Chambramyssylv 0 --> (01) (within terminal)
1 Eoincamysvalver 0 --> (01) (within terminal)
1 Eoincamysameghi 0 --> (01) (within terminal)
1 Draconomysverai 0 --> (01) (within terminal)
1 Leucokcephalsze 0 --> (01) (within terminal)
1 Deseadomysaramb 0 --> (01) (within terminal)
1 Sciamysprincipa 0 --> (01) (within terminal)
1 Gallileomyseuryg 0 --> (01) (within terminal)
1 Willidewuestepa 0 --> (01) (within terminal)
1 Prospaniomysspri 0 --> (01) (within terminal)
1 Maruchitotrilof 0 --> (01) (within terminal)
1 Protadelphomyssl 0 --> (01) (within terminal)
1 Xenodontomyssim 0 --> (01) (within terminal)
1 Neophanomysbipl 0 --> (01) (within terminal)
1 Pithanomyscol 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyssandi 0 --> (01) (within terminal)
1 Prostichomyssbow 0 --> (01) (within terminal)
1 Stichomyssregula 0 --> (01) (within terminal)
1 Dudumusuromz 0 --> (01) (within terminal)
1 Pampamysememona 0 --> (01) (within terminal)
1 Cavicoicetuslu 0 --> (01) (within terminal)
1 Plesiacairechmys 0 --> (01) (within terminal)
1 Sallamyspascuial 0 --> (01) (within terminal)
1 Mayomysconfluen 0 --> (01) (within terminal)
1 Eosallamyspaula 0 --> (01) (within terminal)
1 Shapajamysslaboc 0 --> (01) (within terminal)
1 Eobranisamyssrom 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Eobranisamyjsjav 0 --> (01) (within terminal)
1 Pozomysucayaliev0 --> (01) (within terminal)
1 Tarapotomymsmayo0 --> (01) (within terminal)
1 Tarapotomymsub0 --> (01) (within terminal)
1 Cachiycuykumme0 --> (01) (within terminal)
1 Metaphiomyscha0 --> (01) (within terminal)
1 Acritophiomysbo0 --> (01) (within terminal)
1 Baluchimysbarry0 --> (01) (within terminal)
1 Archetypomyserl0 --> (01) (within terminal)
1 Tribosphenomyss0 --> (01) (within terminal)
1 Birbalomyssonda0 --> (01) (within terminal)
1 Tamquaamydisp0 --> (01) (within terminal)
1 Chapattimyswils0 --> (01) (within terminal)
1 Ottomaniprovai0 --> (01) (within terminal)
1 Bugtymyszafarul0 --> (01) (within terminal)
1 Hodshabiaazrae0 --> (01) (within terminal)
1 'Wasl'amyattia0 --> (01) (within terminal)
1 Phiomyshammudai0 --> (01) (within terminal)
1 Cachiycuyconta0 --> (01) (within terminal)
1 EoespinawoodiE0 --> (01) (within terminal)
1 Canaanimysmaqui0 --> (01) (within terminal)
1 Protosteiromym0 --> (01) (within terminal)
1 node_1270 --> 1 node_126
1 EosteiromyssRomo1 --> (01) (within terminal)
1 Branisamyopiss1 --> (01) (within terminal)
1 node_1251 --> 0 Coendouprehensi
1 Hyposteiromyas0 --> (01) (within terminal)
1 Palaeosteiromyas0 --> (01) (within terminal)
1 Australoprotacta0 --> (01) (within terminal)
1 Luantuspropheti0 --> (01) (within terminal)
1 Asteromysspunctu0 --> (01) (within terminal)
1 node_1330 --> 1 node_131
1 Perimysintermed0 --> (01) (within terminal)
1 Neoreomymsaustra0 --> (01) (within terminal)
1 Dasyprocta0 --> (01) (within terminal)
1 Eoincamypsascua0 --> (01) (within terminal)
1 Microscleromyssp0 --> (01) (within terminal)
1 Scleromysquadra0 --> (01) (within terminal)
1 Scleromysangust0 --> (01) (within terminal)
1 Drytomyomysequa0 --> (01) (within terminal)
1 Potamarchusmuri0 --> (01) (within terminal)
1 node_1470 --> 1 Neoepiblemaamb
1 Scleromysoosborn0 --> (01) (within terminal)
1 Garridomysscurrnu0 --> (01) (within terminal)
1 Eoviscacciafras0 --> (01) (within terminal)
1 Eoviscacciaaust0 --> (01) (within terminal)
1 Scleromysspaeceu0 --> (01) (within terminal)
1 Chambiramysship0 --> (01) (within terminal)
1 Eoincamypsparvus0 --> (01) (within terminal)
1 Chambiramyssylv0 --> (01) (within terminal)
1 Eoincamysvalver0 --> (01) (within terminal)
1 Eoincamysameghi0 --> (01) (within terminal)
1 Draconomysverai0 --> (01) (within terminal)
1 Leucokephalousze0 --> (01) (within terminal)
1 Platypittamyssbr0 --> (01) (within terminal)
1 Deseadomyssaramb0 --> (01) (within terminal)
1 Sciomysspriicipa0 --> (01) (within terminal)
1 Galileomyseuryg0 --> (01) (within terminal)
1 Willidewuestega0 --> (01) (within terminal)
1 node_1690 --> 1 node_168
1 Splanomyssripari1 --> (01) (within terminal)
1 Maruchitotrilof0 --> (01) (within terminal)
1 Protadelphomyss1 --> (01) (within terminal)
1 node_1750 --> 1 Mesocapromys/Mys
1 Xenodontomyssim0 --> (01) (within terminal)
1 Neophanomyssipl0 --> (01) (within terminal)
1 Pithanotomysscol0 --> (01) (within terminal)
1 Adelphomyssandi0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudunum ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviorcitetus lu 0 --> (01) (within terminal)
1 Plesiarchechi mys 0 --> (01) (within terminal)
1 Saliamys pascual 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosiamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobranisamy s rom 0 --> (01) (within terminal)
1 Eobranisamy s 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 node_208 0 ==> 1 Paraphiomys pigo
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
465 (Posterior sut) 0.667
1 node_217 0 ==> 1 node_216
1 node_132 1 ==> 2 Cavia aper e a
1 node_208 0 ==> 2 Paraphiomys pigo
466 (Development o) 1.000
1Archetypomys's erl 0 --> (01) (within terminal)
1 Bir balomys sonda 0 --> (01) (within terminal)
1 node_217 0 ==> 1 node_216
1 Chapatti mys wil s 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugi mys zafarul 1 --> (01) (within terminal)
1 Hodshahi bia aza re 1 --> (01) (within terminal)
1 Washamys attennal 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eoe spina woodi - E 1 --> (01) (within terminal)
1 Canaani mys maqui 1 --> (01) (within terminal)
1 Protoste ir omys m 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Palaeoste ir omys 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punct u 1 --> (01) (within terminal)
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1 Eoincamy s pascua 1 --> (01) (within terminal)
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1 Sc leromys qua quadr 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
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1 Eovi scaccia fras 1 --> (01) (within terminal)
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1 Adelphomys candi 1 --> (01) (within terminal)
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1 Leucoképhalos ze 0 --> (01) (within terminal)
1 Platypítamys br 0 --> (01) (within terminal)
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1 Acaramys murinus 0 --> (01) (within terminal)
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1 Willidewu estepa 0 --> (01) (within terminal)
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1 Neophasanomys bipl 0 --> (01) (within terminal)
1 Pitpanatomys col 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomyos bow 0 --> (01) (within terminal)
1 Stichomyos regula 0 --> (01) (within terminal)
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1 Caviocricotus lu 0 --> (01) (within terminal)
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1 Sallamys pascual 0 --> (01) (within terminal)
1 Mayomys confluens 0 --> (01) (within terminal)
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1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucaialie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchiymys barry 0 --> (01) (within terminal)
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2 Tribosphenomys m 1 --> (012) (within terminal)
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2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapatti mys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys humudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
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Pge
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2 Eosallamys paula 1 --> (012) (within terminal)
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470 (Development o) 1.000

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1 Baluchi my s bar ry 0 --> (01) (within terminal)
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1 node_131 0 --> 1 Dolicho tis patag
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1 Leucokephalos ze 1 --> (01) (within terminal)
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1 Protadelphomy s l 0 --> (01) (within terminal)
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<tr>
<td>'Waslamys' attia</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Phiomys hammudai</td>
<td>0</td>
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<tr>
<td>Cachiyacuy conta</td>
<td>0</td>
<td>1</td>
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<td>Eoespina woodi - E</td>
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<td>Canaanimys maqui</td>
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<tr>
<td>Protosteiromens m</td>
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**Conformation**: 0.500
Hsearch_Consensus.out

2 Eosteiromys homo 0 --> (012) (within terminal)
2 Branisamyopsis a 0 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (012) (within terminal)
2 Hypsosteiromys a 0 --> (012) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteiromys 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 branicki 0 --> (012) (within terminal)
2 Neoepiblema ambr 0 --> (012) (within terminal)
2 Chinchilla lanig 0 --> (012) (within terminal)
2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
Hsearch_Consensus.out
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Deseadomy s aramb 0 --> (012) (within terminal)
2 Sci amys prin cipa 0 --> (012) (within terminal)
2 Gal ileomys euryg 0 --> (012) (within terminal)
2 W illidewu estepa 0 --> (012) (within terminal)
2 Spani omys ripari 0 --> (012) (within terminal)
2 Proechimy s cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Mak alata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomat oms 0 --> (012) (within terminal)
1 node_182 0 --> 1 node_181
2 Xenodontomy s sim 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 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pam pamys emmons 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys 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 u cayalie 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Cachi yacuy kumme 0 --> (012) (within terminal)
Hsearch_Consensus.out
2 node_209 0 --> 2 node_208
2 Paraphiomys pigo 2 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
474 (Frontal process) 0.111
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligschaen 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaomys dispi 0 --> (01) (within terminal)
1 Chapattiomys wils 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Buitiymys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azae 0 --> (01) (within terminal)
1 'Waslams' attia 0 --> (01) (within terminal)
1 node_207 0 --> 1 node_206
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachiyacuyconta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaamys maqui 1 --> (01) (within terminal)
1 Protosteiromyms m 1 --> (01) (within terminal)
1 Eosteiromyms homo 1 --> (01) (within terminal)
1 Branisamypopsis a 1 --> (01) (within terminal)
1 node_125 1 --> 0 node_124
1 Steiromyms detent 1 --> (01) (within terminal)
1 Palaosteiromyms 1 --> (01) (within terminal)
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1 Australoproctaf 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromyms punctu 0 --> (01) (within terminal)
1 node_139 0 --> 1 Dolichotispatag
1 Perimys intermed 0 --> (01) (within terminal)
1 node_137 0 --> 1 Neoreomyms austra
1 Branisamys lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Incamys bolivian 1 --> (01) (within terminal)
1 Microscleromyms p 1 --> (01) (within terminal)
1 Scleromyms quarda 1 --> (01) (within terminal)
1 Scleromyms angust 1 --> (01) (within terminal)
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1 Neoepiblema amb 1 --> (01) (within terminal)
1 Scleromyms osborn 1 --> (01) (within terminal)
1 Garridoymys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromyms praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomyms vera 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Platypittamybr 1 --> (01) (within terminal)
1 Deseadomyms aramb 1 --> (01) (within terminal)
1 Acaremymurinus 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomyms euryg 1 --> (01) (within terminal)
1 Willidewuestepa 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 node_171 0 --> 0 Therichomyms aper
1 node_174 1 --> 0 node_173
1 Protadelphomyms 0 --> (01) (within terminal)
Pg
Hsearch_Consensus.out

1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Brani samys lurib 0 --> (01) (within terminal)
1 Eoinca myspascua 0 --> (01) (within terminal)
1 Incamys bolivia 0 --> (01) (within terminal)
1 Micr scleromys 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 Neoepliema amb 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoinca mysparvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoinca mysvalver 0 --> (01) (within terminal)
1 Eoinca mys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Platyrrhynmys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Sciamys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willideomys estepa 0 --> (01) (within terminal)
1 node_187 0 --> 1 node_186
1 node_168 1 ==> 0 Myocastor coypus
1 Mantontomys sim 0 --> (01) (within terminal)
1 Prota delphomysspl 0 --> (01) (within terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Plithanomys col 0 --> (01) (within terminal)
1 Adelphomysspl 0 --> (01) (within terminal)
1 Prostichomysspl 0 --> (01) (within terminal)
1 Stichomysspl 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Cavioctricetus lu 0 --> (01) (within terminal)
1 Plesiacorehymys 0 --> (01) (within terminal)
1 Salamys pascau 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamysspl 0 --> (01) (within terminal)
1 Shapajamysspl 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucalalie 0 --> (01) (within terminal)
1 Taranopomys mayo 0 --> (01) (within terminal)
1 Tarapomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Paraphiomys pigo 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 Archenatomysspl 0 --> (012) (within terminal)
1 Tribosphenomys m 0 --> (012) (within terminal)
1 Cocomys ligchaen 0 --> (012) (within terminal)
1 Reithroparamys d 0 --> (012) (within terminal)
1 Birbalomys sonda 0 --> (012) (within terminal)

477 (*Position of ) 0.667
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<td>Ottomania proavi</td>
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<td>Bugtimys zafarul</td>
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<td>Incamys bolivian</td>
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2 Protadelphomys l 2 --> (012) (within terminal)
2 Euryzygomatomys 2 --> (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 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons a 0 --> (012) (within terminal)
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2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys 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 terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Thryonomys swind 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchi my s barry 0 --> (012) (within terminal)

478 (Depth of the ) 0.250
Hsearch_Consensus.out

1  node_209 0 --> 1  node_208
1  Paraphiomys pigo 1 --> (01) (within terminal)
1  Metaphiomys scha 0 --> (01) (within terminal)
1  Baluchimys barry 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (01) (within terminal)
1  Tribosphenomys m 0 --> (01) (within terminal)
1  Cocomys ligchaelen 0 --> (01) (within terminal)
1  Reithroparamys d 0 --> (01) (within terminal)
1  Birbalomys sonda 0 --> (01) (within terminal)
1  Tamquammys dispi 0 --> (01) (within terminal)
1  Chapatti mys wils 0 --> (01) (within terminal)
1  Ottomaniap roavi 0 --> (01) (within terminal)
1  Bugti mys zafarul 0 --> (01) (within terminal)
1  Hodsahibia azrace 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  Eoespina woodi-E 0 --> (01) (within terminal)
1  Canaanmys maqui 0 --> (01) (within terminal)
1  Protoste ir omy s m 0 --> (01) (within terminal)
1  Eoste ir omys homo 0 --> (01) (within terminal)
1  Brani samyps a 0 --> (01) (within terminal)
1  Neoste iromys pat 0 --> (01) (within terminal)
1  Erethi zon dorsat 0 --> (01) (within terminal)
1  Coendou prehensi 0 --> (01) (within terminal)
1  Steiromys detent 0 --> (01) (within terminal)
1  Hyp sosteiromys a 0 --> (01) (within terminal)
1  Palaeoste iromys 0 --> (01) (within terminal)
1  Aust raloprocta f 0 --> (01) (within terminal)
1  Luantus propheti 0 --> (01) (within terminal)
1  Doli choitis 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)
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1  Potamarchus muri 0 --> (01) (within terminal)
1  Dino mys branicki 0 --> (01) (within terminal)
1  Neoe piblema amb 0 --> (01) (within terminal)
1  Chinchilla lanig 0 --> (01) (within terminal)
1  Lagidium vis cac i 0 --> (01) (within terminal)
1  Lagostomus maxim 0 --> (01) (within terminal)
1  Scleromys osborn 0 --> (01) (within terminal)
1  Garridomys curr u 0 --> (01) (within terminal)
1  Eoviscaccia fras 0 --> (01) (within terminal)
1  Eoviscaccia aust 0 --> (01) (within terminal)
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1  Draconomys verai 0 --> (01) (within terminal)
1  Leucokceph alos ze 0 --> (01) (within terminal)
1  Platypittamys br 0 --> (01) (within terminal)
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1  Acaremys murinus 0 --> (01) (within terminal)
1  Sci amys pr incipa 0 --> (01) (within terminal)

Pge p
Hsearch Consensus.out

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 Maruchito trilofo 0 --> (01) (within terminal)
1 Protadelpomys li 0 --> (01) (within terminal)
1 node_182 0 --> 1 node_181
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pitphanomys col 1 --> (01) (within terminal)
1 node_180 1 --> 0 Spalacopus cyanu
1 Adelphomyss cad 0 --> (01) (within terminal)
1 Prostichomyss bow 0 --> (01) (within terminal)
1 Stichomyss regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamyss emmons a 0 --> (01) (within terminal)
1 Cavilocricetus lu 0 --> (01) (within terminal)
1 Plesiaacarrechimys 0 --> (01) (within terminal)
1 Sallamys pascau 0 --> (01) (within terminal)
1 Mayomys conflu 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyss laborm 0 --> (01) (within terminal)
1 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamyss jav 0 --> (01) (within terminal)
1 Pozomyss uca 0 --> (01) (within terminal)
1 Tarapotomys moyo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_208
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Accritophomyss bo 0 --> (01) (within terminal)
1 Baluchi myss barry 0 --> (01) (within terminal)
1 Archetypomyss erl 0 --> (01) (within terminal)
1 Tribosphenomyss m 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys disp i 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtymiys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Waslamys attia 0 --> (01) (within terminal)
1 Phiomys hammu 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaan amyss maqui 0 --> (01) (within terminal)
1 Protosteiromyss m 0 --> (01) (within terminal)
1 Eosteiromyss homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Steiromyss detent 0 --> (01) (within terminal)
1 Palaeosteiromyss 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromyss punctu 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyss lurib 0 --> (01) (within terminal)
1 node_139 0 --> 1 Cuniculus paca-t
1 Eoincamys pasa 0 --> (01) (within terminal)
1 Lncamys bolivian 0 --> (01) (within terminal)
1 Miicroscleromyss p 0 --> (01) (within terminal)
1 Scleromyss quadra 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Drytomomyss aequa 0 --> (01) (within terminal)
1 Potaarchus muri 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)
1 Garridomyss curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)

480 (Development o) 1.000

Pge p
Hsearch_Consensus.out

1  Eoviscaccia aust 0 --> (01) (within terminal)
1  Scleromys praecu 0 --> (01) (within terminal)
1  Chambiramys ship 0 --> (01) (within terminal)
1  Eoincamys parvus 0 --> (01) (within terminal)
1  Chambiramys sylv 0 --> (01) (within terminal)
1  Eoincastryx valver 0 --> (01) (within terminal)
1  Eoincamys ameghi 0 --> (01) (within terminal)
1  Draconomys verai 0 --> (01) (within terminal)
1  Leucocephalos ze 0 --> (01) (within terminal)
1  Desedeomys aramb 0 --> (01) (within terminal)
1  Acaremys murinus 0 --> (01) (within terminal)
1  Sciamys principa 0 --> (01) (within terminal)
1  Gallileomys euryg 0 --> (01) (within terminal)
1  Willidewu estepa 0 --> (01) (within terminal)
1  Maruchiito trilof 0 --> (01) (within terminal)
1  Protadelphomys l 0 --> (01) (within terminal)
1  Xenodontomys sim 0 --> (01) (within terminal)
1  Neophanomys bipl 0 --> (01) (within terminal)
1  Adelphomys candi 0 --> (01) (within terminal)
1  Pristichomys bow 0 --> (01) (within terminal)
1  Stichomys regula 0 --> (01) (within terminal)
1  Dudumus ruigomez 0 --> (01) (within terminal)
1  Pampamys emmons 0 --> (01) (within terminal)
1  Cavalcricetus lu 0 --> (01) (within terminal)
1  Plesiacarechimys 0 --> (01) (within terminal)
1  Mayomys confluen 0 --> (01) (within terminal)
1  Eossallamyx paula 0 --> (01) (within terminal)
1  Shapajamyx laboc 0 --> (01) (within terminal)
1  Eobrannisamyx rom 0 --> (01) (within terminal)
1  Eobrannisamyx jav 0 --> (01) (within terminal)
1  Pozomys ucayali 0 --> (01) (within terminal)
1  Tarapotomys mayo 0 --> (01) (within terminal)
1  Tarapotomys suba 0 --> (01) (within terminal)
1  Cachiyaucuy kumme 0 --> (01) (within terminal)
1  Metaphiomys scha 0 --> (01) (within terminal)
1  Baluchimys Barry 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (012) (within terminal)

481 (*Development 0.400

2  Tribosphenomys m 0 --> (012) (within terminal)
2  Reithroparamys d 0 --> (012) (within terminal)
2  Birbalomys sonda 0 --> (012) (within terminal)
2  Tamquammys dispi 0 --> (012) (within terminal)
2  Chapattimys wils 0 --> (012) (within terminal)
2  Ottomania proavi 0 --> (012) (within terminal)
2  Bugtymys zafarul 0 --> (012) (within terminal)
2  Hodsahibia azrae 0 --> (012) (within terminal)
2  'Waslamiys' attia 0 --> (012) (within terminal)
2  Phiomys hammudai 0 --> (012) (within terminal)
2  Cachiyaucuy conta 0 --> (012) (within terminal)
2  Eoespina woodi-E 0 --> (012) (within terminal)
2  Canaanmys maqui 0 --> (012) (within terminal)
2  Protosteiromys m 0 --> (012) (within terminal)
2  Eosteiromys homo 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Branisamyopsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
2 Steiromys detent 0 --> (012) (within terminal)
2 Hypsosteiromys a 0 --> (012) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteiromys 0 --> (012) (within terminal)
2 node_141 0 ==> 2 node_140
2 Australoproct a f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
2 Asteromys punctu 2 --> (012) (within terminal)
2 Dolichotis patag 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austr 2 --> (012) (within terminal)
2 Branisamy l ur i b 2 --> (012) (within terminal)
2 Eoincamys pascua 0 --> (012) (within terminal)
2 Incamys bolivian 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)
1 node_148 0 ==> 1 node_147
2 Neoepiblema ambr 1 --> (012) (within terminal)
2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys currn 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokhepalos ze 0 --> (012) (within terminal)

Pge p
Hsearch Consensus.out

1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Plagiomyrus cyana 0 --> (01) (within terminal)
1 node_183 0 --> 1 Abrocoma bennett
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rii gomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Cavicricetus lu 0 --> (01) (within terminal)
1 Plesi acarechi ms 0 --> (01) (within terminal)
1 Salamys 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 ucayali 0 --> (01) (within terminal)
1 Tarapatomyus mayo 0 --> (01) (within terminal)
1 Tarapatomyus suba 0 --> (01) (within terminal)
1 Cachiyacuy kummen 0 --> (01) (within terminal)
1 Thryomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritosophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyys lycchaen 0 --> (01) (within terminal)
1 Rei thparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaymys dispi 0 --> (01) (within terminal)
1 Chapatti mys wil s 0 --> (01) (within terminal)
1 Ottomania proavi 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 hammadai 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 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Paleosteiromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Astero mys punctu 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austria 0 --> (01) (within terminal)
1 Branisamy s lur ib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Incamys bolivian 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 Drytomo mys aequa 0 --> (01) (within terminal)
1 Potamarchus intermi 0 --> (01) (within terminal)
1 Neoeptiloma ambr 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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)
Hsearch_Consensus.out

1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromy s a 0 --> (01) (within terminal)
1 Palaeosteiromy s 0 --> (01) (within terminal)
1 Australopictic a f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromy punc tu 0 --> (01) (within terminal)
1 node_133 0 ===> 1 node_132
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Branisamys lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivi an 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quad r a 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Dryt momomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoe piblem a ambr 0 --> (01) (within terminal)
1 Scleromys osbor n 0 --> (01) (within terminal)
1 Garridomys cur nu 0 --> (01) (within terminal)
1 Eoviscaccia fr as 0 --> (01) (within terminal)
1 Eoviscaccia aust ria 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramy s ship 0 --> (01) (within terminal)
1 Eoincamys parv us 0 --> (01) (within terminal)
1 Chambiramy s 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 Leucokephalsoze 0 --> (01) (within terminal)
1 Platypit tamy s br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acar emys murinus 0 --> (01) (within terminal)
1 Sci amys principal 0 --> (01) (within terminal)
1 Galileomy s euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomy s pri 0 --> (01) (within terminal)
1 Maruchito trifol 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophano nocrypt 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spal acopus cyanu 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Proctichomys bow 0 --> (01) (within terminal)
1 Stichomys regular u 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pamamys emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesi acarechimys 0 --> (01) (within terminal)
1 Sallamys pascu al 0 --> (01) (within terminal)
1 Mayomys conflu en 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamy s laboc 0 --> (01) (within terminal)
1 Eoebranisamys rom 0 --> (01) (within terminal)
1 Eoebranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucal alie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy Kum mm 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Actritophiomys bo 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 Archeytymomys erl 2 --> (0123) (within terminal)
3 Tribosphenomys m 2 --> (0123) (within terminal)

485 (*Position of ) 0.231

Pge p
Hsearch_Consensus.out

3 Adelphomy s candi 2 --> (0123) (within terminal)
3 Prostichomys bow 2 --> (0123) (within terminal)
3 Stichomys regula 2 --> (0123) (within terminal)
3 Dudumus ruigomez 2 --> (0123) (within terminal)
3 Pampamys emmons a 2 --> (0123) (within terminal)
3 Caviocricetus lu 2 --> (0123) (within terminal)
3 Plesiacarechimys 2 --> (0123) (within terminal)
3 Sallamys pascual 2 --> (0123) (within terminal)
3 Mayomys confluen 2 --> (0123) (within terminal)
3 Eosallamys paula 2 --> (0123) (within terminal)
3 Shapajamys laboc 2 --> (0123) (within terminal)
3 Eobranisamys rom 2 --> (0123) (within terminal)
3 Eobranisamys jav 2 --> (0123) (within terminal)
3 Pozomys ucalie 2 --> (0123) (within terminal)
3 Tarapotomys mayo 2 --> (0123) (within terminal)
3 Tarapotomys suba 2 --> (0123) (within terminal)
3 Cachiyacuy kumme 2 --> (0123) (within terminal)
3 Paraphiomys pigo 2 --> (0123) (within terminal)
3 Metaphiomys scha 2 --> (0123) (within terminal)
3 Acritophiomys bo 2 --> (0123) (within terminal)
3 Baluchimys barry 2 --> (0123) (within terminal)
3 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 node_218 0 --> 2 Cocomys ligchaen
2 Reithroparamys d 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Bugtymys zafarul 0 --> (012) (within terminal)
2 Hodshahibia arzae 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiyacuy conta 0 --> (012) (within terminal)

486 (*Development) 0.222
Hsearch_Consensus.out
2 Eoespina woodi - E 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 Branisamyopsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
1 node_125 0 ==> 1 Coendou prehensil
2 Steiromys detent 0 --> (012) (within terminal)
2 Hypsosteiromys a 0 --> (012) (within terminal)
2 Chaetomys subspis 0 --> (012) (within terminal)
2 Palaeosteiromys 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 Perimys intermed 0 --> (012) (within terminal)
2 Branisamyopsis lurib 0 --> (012) (within terminal)
2 Eoincamys pascua 0 --> (012) (within terminal)
2 Incamys bolivian 0 --> (012) (within terminal)
2 Macroscleromys 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 Neoepiblema ambr 0 --> (012) (within terminal)
2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys sylv 0 --> (012) (within terminal)
2 Eoincamys valver 0 --> (012) (within terminal)
2 Eoincamys ameghi 0 --> (012) (within terminal)
Pge p
Hsearch_Consensus.out
termin
1 node_183 0 ==> 1 node_182
termin
1 node_168 1 ==> 0 Myocastor coypus
termin
2 Proechimys cuvier
termin
2 Maruchito trikol 1 --> (012) (within terminal)
termin
1 node_171 1 ==> 0 Thrichomys aper
termin
1 node_173 1 ==> 2 node_172
termin
1 node_175 1 ==> 0 node_174
termin
2 Xenodontomys sim 1 --> (012) (within terminal)
termin
2 Neophanomys bipl 1 --> (012) (within terminal)
termin
2 Pithanotomys col 1 --> (012) (within terminal)
termin
2 Octodon degus 1 --> (012) (within terminal)
termin
2 Spalacopus cyanu 1 --> (012) (within terminal)
termin
2 Adelphomys candi 0 --> (012) (within terminal)
termin
2 Prostichomys bow 0 --> (012) (within terminal)
termin
2 Stichomys regula 0 --> (012) (within terminal)
termin
2 Dudumus ruigomez 0 --> (012) (within terminal)
termin
2 Pampamys emmons 0 --> (012) (within terminal)
termin
2 Caviocrictus lu 0 --> (012) (within terminal)
termin
2 Plesiarcarechimys 0 --> (012) (within terminal)
termin
2 Sallamys pascual 0 --> (012) (within terminal)
termin
2 Mayomys confluen 0 --> (012) (within terminal)
termin
2 Eosallamys paula 0 --> (012) (within terminal)
termin
2 Shapajamy laboc 0 --> (012) (within terminal)
termin
2 Eobranisamys rom 0 --> (012) (within terminal)
termin
2 Eobranisamys jav 0 --> (012) (within terminal)
termin
2 Pozomys uca 0 --> (012) (within terminal)
termin
2 Tarapotomys mayo 0 --> (012) (within terminal)
termin
2 Tarapotomys suba 0 --> (012) (within terminal)
Pge p
Hsearch_Consensus.out

2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)

487 (Position of t) 0.500

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomyms sonda 0 --> (01) (within terminal)
1 Tamquaamys dispi 0 --> (01) (within terminal)
1 Chapattimys wil 0 --> (01) (within terminal)
1 Ottomaniapro av 0 --> (01) (within terminal)
1 Bugtiumys zafarul 0 --> (01) (within terminal)
1 Hodshibi a azrae 0 --> (01) (within terminal)
1 Waslama mys attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_141 0 --> 1 node_130
1 Protosteiromyms m 1 --> (01) (within terminal)
1 Eosteiromyms homo 1 --> (01) (within terminal)
1 Brani samyopsis a 1 --> (01) (within terminal)
1 Neosteiromyms pat 1 --> (01) (within terminal)
1 Steiromyms detent 1 --> (01) (within terminal)
1 Hypsosteiromyms a 1 --> (01) (within terminal)
1 Chaetomys subsp i 1 --> (01) (within terminal)
1 Palaeosteiromyms 0 --> (01) (within terminal)
1 Australoproct a f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Astero mys punct u 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Peri mys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Brani samy lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivi a 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 Neoepiblema ambr 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconymys 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 Sciamys principa 0 --> (01) (within terminal)
1 Gallileomys euryg 0 --> (01) (within terminal)

Page p
Hsearch_Consensus.out

1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 node_148 1 --> 0 node_145
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoplagiometopomys armbr 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys currnu 1 --> (01) (within terminal)
1 Eovis scaccia fras 1 --> (01) (within terminal)
1 Eovis scaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys aegeli 1 --> (01) (within terminal)
1 Draconypos verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platyptilamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Sciomyx prinipa 1 --> (01) (within terminal)
1 Galileoamys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 node_176 1 --> 0 node_173
1 Spaniomyx ripari 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 node_171 0 --> 1 Thrichomys aper
1 Protadelphomys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanonymys bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamyx emmons 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomyx confluen 1 --> (01) (within terminal)
1 Eosallamys paul 1 --> (01) (within terminal)
1 Shapajamyx laboc 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayal 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiycay kumme 1 --> (01) (within terminal)
1 Paraphiomyx tep 1 --> (01) (within terminal)
1 Metaphiomyx scha 1 --> (01) (within terminal)
1 Archetypotheria erl 1 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomyx sonda 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapatti m yis 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtimys zafrul 0 --> (01) (within terminal)
1 Hodshahibia azraae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiycay conta 0 --> (01) (within terminal)
1 Eoespina woodi- 0 --> (01) (within terminal)
1 Canaanmys maqui 0 --> (01) (within terminal)

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Hsearch_Consensus.out

1 Protosteiromyms m 0 --> (01) (within terminal)
1 Eoeisteiromyms homo 0 --> (01) (within terminal)
1 Branisamypsis a 0 --> (01) (within terminal)
1 Neoeisteiromyms pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypoisteiromyms a --> (01) (within terminal)
1 Paieisteiromyms 0 --> (01) (within terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punct 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoeomeys aust 1 --> (01) (within terminal)
1 Branisamys lurib 1 --> (01) (within terminal)
1 node_139 1 --> 0 Dasyprocta
1 Eoincamys pa scua 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 Neoeoepibema ambr 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draeconomys verai 0 --> (01) (within terminal)
1 Leucogephyalos z 0 --> (01) (within terminal)
1 Platypttamyss br 0 --> (01) (within terminal)
1 Deseadomyss aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciameymyss princi 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)
1 Prospaniomyss pri 0 --> (01) (within terminal)
1 Spaniomyss ripari 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 Neophanomyss bipl 0 --> (01) (within terminal)
1 Pithanotomys col 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 ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviorcricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascau 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 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys 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 node_208 0 --> 1 Thryonomys swind
Hsearch_Consensus.out

2 Eoincamys valver 1 --> 0 (012) (within terminal)
2 Eoincamys ameghi 1 --> 0 (012) (within terminal)
2 Draconomys verai 1 --> 0 (012) (within terminal)
2 Leucokcephalos ze 1 --> 0 (012) (within terminal)
2 Platyptittamys br 1 --> 0 (012) (within terminal)
2 Deseadomys aramb 1 --> 0 (012) (within terminal)
2 Galileomys euryg 1 --> 0 (012) (within terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchito trilof 1 --> 0 (012) (within terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Neophanomys bipl 1 --> 0 (012) (within terminal)
1 node_180 1 ==> 0 node_179
2 Adelphomys candi 1 --> 0 (012) (within terminal)
2 Prostichomys bow 1 --> 0 (012) (within terminal)
2 Dudumus ruigomez 1 --> 0 (012) (within terminal)
2 Pampamys emmons 1 --> 0 (012) (within terminal)
2 Caviocrictetus lu 1 --> 0 (012) (within terminal)
2 Plesiacearchimys 1 --> 0 (012) (within terminal)
2 Mayomys confluen 1 --> 0 (012) (within terminal)
2 Eosallamys paula 1 --> 0 (012) (within terminal)
2 Shapajamys laboc 1 --> 0 (012) (within terminal)
2 Eobranisamys rom 1 --> 0 (012) (within terminal)
2 Eobranisamys jav 1 --> 0 (012) (within terminal)
2 Pozomys ucayali 1 --> 0 (012) (within terminal)
2 Tarapotomys mayo 1 --> 0 (012) (within terminal)
2 Tarapotomys suba 1 --> 0 (012) (within terminal)
2 Cachi yacuy kumme 1 --> 0 (012) (within terminal)
1 node_208 1 ==> 2 Thr yonomys wind
2 Metaphiomys scha 1 --> 0 (012) (within terminal)
2 Acrithophiomys bo 1 --> 0 (012) (within terminal)
2 Baluchimys barry 1 --> 0 (012) (within terminal)
1 node_218 1 --> 2 Cocomys ligchaen
1 Ere thzon dörsat 1 --> 0 (01) (within terminal)
1 node_137 1 --> 0 node_136
1 node_131 1 --> 0 Cuniculus paca-t
1 node_198 1 --> 0 node_197
1 Incamys bolivian 0 --> 0 (01) (within terminal)
1 node_147 0 ==> 1 node_146
1 node_179 0 ==> 1 Pithanotomys col

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Hsearch Consensus.out

1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Metaphiomys sacha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Bugtimmys zafarul 0 --> (01) (within terminal)
1 Hodshibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 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 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanmys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Brani sammys opsis 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoproctomys malac 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 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austral 1 --> (01) (within terminal)
1 Brani sammys lurib 1 --> (01) (within terminal)
1 node_140 1 --> 0 node_139
1 Cuniculus pac-t 0 --> (01) (within terminal)
1 Eoincamys pascau 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Neoeupiblemamibr 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys currnu 1 --> (01) (within terminal)
1 Eovi scacca fras 1 --> (01) (within terminal)
1 Eovi scacca aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramos ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramos 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 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremenys murius 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomymys pri 1 --> (01) (within terminal)
1 node_183 1 --> 0 node_182

Pge p
Hsearch_Consensus.out

1  node_169 0 --> 1 node_168
1  Spaniomys ripari 1 --> (01) (within terminal)
1  Maruchito triolo 0 --> (01) (within terminal)
1  node_172 0 --> 1 Makalata didelph
1  Protadelphomys l 0 --> (01) (within terminal)
1  node_181 0 --> 1 node_178
1  Xenodontomys sim 1 --> (01) (within terminal)
1  Neophanomys bipl 1 --> (01) (within terminal)
1  Pithanotomys col 0 --> (01) (within terminal)
1  Spalacopus cyanu 0 --> (01) (within terminal)
1  Adelphomy s candi 1 --> (01) (within terminal)
1  Protichomy s bow 1 --> (01) (within terminal)
1  Sticho my s regula 1 --> (01) (within terminal)
1  Dudumus ruigomez 1 --> (01) (within terminal)
1  Pampamys emmonsa 1 --> (01) (within terminal)
1  Caviocricetus lu 1 --> (01) (within terminal)
1  Plesiacarechimys 1 --> (01) (within terminal)
1  Sallamus pascual 1 --> (01) (within terminal)
1  Mayomys confluen 1 --> (01) (within terminal)
1  Eosallamus paul a 1 --> (01) (within terminal)
1  Shapajamy s laboc 1 --> (01) (within terminal)
1  Eobranisamys rem 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  Paraphiomys pigo 0 --> (01) (within terminal)
1  Metaphiomys sc ha 0 --> (01) (within terminal)
1  Acritophiomys bo 0 --> (01) (within terminal)
1  Baluchimys barry 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (01) (within terminal)
1  Tribosphenomy s m 0 --> (01) (within terminal)
1  node_218 0 --> 1 Cocomys ligchaen
1  Reithroparamys d 0 --> (01) (within terminal)
1  Birbalomys sonda 0 --> (01) (within terminal)
1  Tamquavomy s disp i 0 --> (01) (within terminal)
1  Chapatti mys wils 0 --> (01) (within terminal)
1  Ottomania proavi 0 --> (01) (within terminal)
1  Bugtimys zafar ul 0 --> (01) (within terminal)
1  Hodshabibia azrae 0 --> (01) (within terminal)
1  'Waslamys' attia 0 --> (01) (within terminal)
1  Phiomys hammu dai 0 --> (01) (within terminal)
1  Cachiya cui conta 0 --> (01) (within terminal)
1  Eoespina woodi-E 0 --> (01) (within terminal)
1  Canaamiys maternai 0 --> (01) (within terminal)
1  Protosteiromy s m 0 --> (01) (within terminal)
1  Eosteiromy s homo 0 --> (01) (within terminal)
1  Branisamyps a 0 --> (01) (within terminal)
1  Neosteiromy s pat 0 --> (01) (within terminal)
1  Steiromy s detent 0 --> (01) (within terminal)
1  Hyposteiromys a 0 --> (01) (within terminal)
1  Chaetomys subsp 0 --> (01) (within terminal)
1  Palaeosteiromy s 0 --> (01) (within terminal)
1  node_141 0 --> 1 node_140
1  Australoproctaf 1 --> (01) (within terminal)
1  Luantus propheti 1 --> (01) (within terminal)
1  Asteromy s punct u 1 --> (01) (within terminal)
1  Hydrochoerus hyd 1 --> (01) (within terminal)
1  Perimys intermed 1 --> (01) (within terminal)
1  Neoreomys aust rai 1 --> (01) (within terminal)
1  Branisamyps lurib 0 --> (01) (within terminal)
1  node_139 1 --> 0 Cuniculus paca-t
1  Eoincamys pa scua 0 --> (01) (within terminal)
1  Incamys bolivian 0 --> (01) (within terminal)
1  Mircoscleromy s p 0 --> (01) (within terminal)
1  Scleromy s quad r 0 --> (01) (within terminal)
1  Scleromy s angust 0 --> (01) (within terminal)

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495 (Masticory and) 0.333
<table>
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<tr>
<th>Species</th>
<th>Order</th>
<th>Family</th>
<th>Genus</th>
<th>Species</th>
<th>Subspecies</th>
<th>Location</th>
<th>Age</th>
<th>Bootstrap Support</th>
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<td><em>Drytomomys aequa</em></td>
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<td><em>Potamarchus muri</em></td>
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<td><em>Dinomys branicki</em></td>
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<td><em>Neoepiblemar amb</em></td>
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<td><em>Scleromys osborn</em></td>
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<td><em>Garrido my s curnu</em></td>
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<td><em>Eoviscaccia aust</em></td>
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<td><em>Scleromys praecu</em></td>
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<td><em>Chambiramy s ship</em></td>
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<td><em>Eoinca my s parvus</em></td>
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<td><em>Chambiramy sylv</em></td>
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<td><em>Platypittamus br</em></td>
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<td><em>Deseadomy s aramb</em></td>
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<td><em>Acaremys murinus</em></td>
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<td><em>Sci amys principa</em></td>
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<td><em>Spani omy s ripari</em></td>
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<td><em>Maruchito trilof</em></td>
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<td><em>Echimys chrysur</em></td>
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<td><em>Protadelpomy s l</em></td>
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<td><em>Euryzygomat omy s</em></td>
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<td><em>Xenodontomys sim</em></td>
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<td><em>Neophanomys bipl</em></td>
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<td><em>Pithanomys col</em></td>
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<td><em>Octodon degus</em></td>
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<td><em>Spalacopus cyanu</em></td>
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<td><em>Adelphomy s candi</em></td>
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<td><em>Prostichomys bow</em></td>
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<td><em>Dudumus rigonez</em></td>
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<td><em>Pozomys ucaialie</em></td>
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<td><em>Tarapotomy s mayo</em></td>
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<td><em>Tarapotomy s suba</em></td>
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<td><em>Cachiyacuy kumme</em></td>
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<td><em>Eoespina woodi-E</em></td>
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<td><em>Hodsahibia azrae</em></td>
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496 (Fusion of the) 1.000
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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 Eobrainisamys rom 1 --> (01) (within terminal)
1 Eobrainisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayal i e 1 --> (01) (within terminal)
1 Tarapotomys may o 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 T hrynomys wind 1 --> (01) (within terminal)
1 Poramys pig o 1 --> (01) (within terminal)
1 Metaphiomys sc ha 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchi mys bar ry 1 --> (01) (within terminal)
1 Archety pomys erl 0 --> (01) (within terminal)
1 Tribosphenomy s m 0 --> (01) (within terminal)
1 Coc omy s l cchaen 0 --> (01) (within terminal)
1 Reithropar amys d 0 --> (01) (within terminal)
1 Birbal omy s sonda 0 --> (01) (within terminal)
1 Tamquammys di spi 0 --> (01) (within terminal)
1 Chapatti mys wi l 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Bugt i mys zafar ul 0 --> (01) (within terminal)
1 Hodsa h ibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Ph iomys hammudai 0 --> (01) (within terminal)
1 Cachi yacuy con ta 0 --> (01) (within terminal)
1 Eoespina woodi_E 0 --> (01) (within terminal)
1 Canaanmys maqui 0 --> (01) (within terminal)
1 Proosteiromys m 0 --> (01) (within terminal)
1 Ososteiromys homo 0 --> (01) (within terminal)
1 Bran isamyropsis a 0 --> (01) (within terminal)
1 Neoste iromys pat 0 --> (01) (within terminal)
1 Erethiz on dorse t 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Stei romys detent 0 --> (01) (within terminal)
1 Hyposteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Pala eoste iromys 0 --> (01) (within terminal)
1 Aust ral oproct a f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Aster omy s punctu 0 --> (01) (within terminal)
1 Dolichot is patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Galeas p里程 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys aust ra 0 --> (01) (within terminal)
1 Bran isamyropsis 0 --> (01) (within terminal)
1 node_198 1 --> (01) (within terminal)
1 node_197
1 Eoincamys pa scua 1 --> (01) (within terminal)
1 Incamys bolivi an 1 --> (01) (within terminal)
1 Micro sclerom y s p 1 --> (01) (within terminal)
1 Scleromys quad ra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Dryt omy s aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys 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 Chambiramys shi p 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)

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1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Drosomys verai 1 --> (01) (within terminal)
1 Leucokephalos zea 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 Scihamys principa 1 --> (01) (within terminal)
1 Galilleomys euryg 1 --> (01) (within terminal)
1 Williedewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 node_173 1 --> 0 node_171
1 Spaniomyrs ripari 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysuru 1 --> (01) (within terminal)
1 Protadelphomyms l 1 --> (01) (within terminal)
1 node_175 1 ==> 0 Mesocapromys/Mys
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pitphanomys col 1 --> (01) (within terminal)
1 Spalacopus cyano 1 --> (01) (within terminal)
1 Adelphomyms candi 1 --> (01) (within terminal)
1 Prostichomyms bow 1 --> (01) (within terminal)
1 Stichomyms regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Papamamys emmonsa 1 --> (01) (within terminal)
1 Caviocrictus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 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 Shapajamyms laboc 0 --> (01) (within terminal)
1 Eobransamyms rom 0 --> (01) (within terminal)
1 Eobransamyms jau 0 --> (01) (within terminal)
1 Pozomys ucalie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiycuy kumme 0 --> (01) (within terminal)
1 Paraphomyms pigo 0 --> (01) (within terminal)
1 Metaphomyms scha 0 --> (01) (within terminal)
1 Acritophomyms bo 0 --> (01) (within terminal)
1 Baluchymys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomyms m 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Tamquammyms disp 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomaniaproavi 1 --> (01) (within terminal)
1 Bugtymys zafarul 1 --> (01) (within terminal)
1 Hodsahibiazraie 1 --> (01) (within terminal)
1 'Waslamymys attia 1 --> (01) (within terminal)
1 Phiomymshammudai 1 --> (01) (within terminal)
1 Cachiycuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
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1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_125 1 ==> 0 Coendou prehensi
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1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australoproctafa 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromyms punctu 1 --> (01) (within terminal)

498 (Contact betwe) 0.167
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Hsearch_Consensus.out
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1 Eoincamys pascua 0 --> (01) (within terminal)
1 Micriscrologymys p 0 --> (01) (within terminal)
1 Scleromyys quadra 0 --> (01) (within terminal)
1 Scleromyys angust 0 --> (01) (within terminal)
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1 Potamarchus muri 0 --> (01) (within terminal)
1 node_147 0 --> 1 Neoepiblema ambra
1 Scleromyys osborn 0 --> (01) (within terminal)
1 Garridomyys currui 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromyys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomyys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Deseadomyys aramb 0 --> (01) (within terminal)
1 Acaremys murius 0 --> (01) (within terminal)
1 Scleromyys principa 0 --> (01) (within terminal)
1 Galileomyys euryg 0 --> (01) (within terminal)
1 Williedewu estepa 0 --> (01) (within terminal)
1 node_169 0 --> 1 node_168
1 Spaniomyms riari 1 --> (01) (within terminal)
1 Maruchitotrilof 0 --> (01) (within terminal)
1 Protadelphomyys l 0 --> (01) (within terminal)
1 Xenodontomyys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomyys col 0 --> (01) (within terminal)
1 Adelphomyys candi 0 --> (01) (within terminal)
1 Protichomyys bow 0 --> (01) (within terminal)
1 Stichoemyss regula 0 --> (01) (within terminal)
1 Dudumus rugome 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacaarechimys 0 --> (01) (within terminal)
1 Sallamys pascu 0 --> (01) (within terminal)
1 Mayomyss confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyss laboc 0 --> (01) (within terminal)
1 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamyss jay 0 --> (01) (within terminal)
1 Pozomyss ucyali 0 --> (01) (within terminal)
1 Tarapotomyss mayo 0 --> (01) (within terminal)
1 Tarapotomyss suba 0 --> (01) (within terminal)
1 Cachiycuykumme 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys bary 0 --> (01) (within terminal)
1 Archeytopomyss erl 0 --> (01) (within terminal)
1 Tribosophenomyss m 0 --> (01) (within terminal)
1 Cocomyss ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamaquamys dspi 0 --> (01) (within terminal)
1 Chapattiomys wil 0 --> (01) (within terminal)
1 Ottomaniaprovai 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodshibiabazrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiycuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanmyss maqui 0 --> (01) (within terminal)
1 Protosteiromyss m 0 --> (01) (within terminal)
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Hsearch_Consensus.out
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1 Scleromys praecl 0 --> (01) (within terminal)
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1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambramy 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 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamy br 0 --> (01) (within terminal)
1 Deseadomy aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sclamys principa 0 --> (01) (within terminal)
1 Galileomyeurs 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomy pr 0 --> (01) (within terminal)
1 node_169 0 --> 1 node_168
1 Spaniomy rpari 1 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Protadelphomy l 0 --> (01) (within terminal)
1 Xenodontomy sim 0 --> (01) (within terminal)
1 Neophonamy bipl 0 --> (01) (within terminal)
1 Pithanatomy col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Adelphomy candi 0 --> (01) (within terminal)
1 Prostichomy bow 0 --> (01) (within terminal)
1 Stichomy regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamy emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiaca rechi 0 --> (01) (within terminal)
1 Sallamy pascau 0 --> (01) (within terminal)
1 Mayomy confluen 0 --> (01) (within terminal)
1 Eosallamy paula 0 --> (01) (within terminal)
1 Shapajamy laboc 0 --> (01) (within terminal)
1 Edwardamy rom 0 --> (01) (within terminal)
1 Edwardamy jay 0 --> (01) (within terminal)
1 Pozomy ucayali e 0 --> (01) (within terminal)
1 Tarapotomy mayo 0 --> (01) (within terminal)
1 Tarapotomy suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Paraphomy jigo 0 --> (01) (within terminal)
1 Metaphomy scha 0 --> (01) (within terminal)
1 Acrithophomy bo 0 --> (01) (within terminal)
1 Baluchym my barry 0 --> (01) (within terminal)
1 Archetypomy s erl 0 --> (01) (within terminal)
1 Tribophenomy m 0 --> (01) (within terminal)
1 Cocomy ligchaen 0 --> (01) (within terminal)
1 Birbalomy sonda 0 --> (01) (within terminal)
1 Tamquamy dispi 0 --> (01) (within terminal)
1 Chapattymy wils 0 --> (01) (within terminal)
1 Ottomaniaproa 0 --> (01) (within terminal)
1 Bugtiymy szaferul 0 --> (01) (within terminal)
1 Hodshibi a azrae 0 --> (01) (within terminal)
1 'Waslamy' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachi yacuy cont 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiromy m 0 --> (01) (within terminal)
1 Eosteiromy homo 0 --> (01) (within terminal)
1 Branisamyopsi a 0 --> (01) (within terminal)
1 Neosteiromy s pat 0 --> (01) (within terminal)
1 Steiromy detent 0 --> (01) (within terminal)
1 Hyposteiromy s a 0 --> (01) (within terminal)
1 Chaetomy subs 0 --> (01) (within terminal)
1 Palaeosteiromy s 0 --> (01) (within terminal)

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1 Plesiacarechimys 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 ucalie 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiucay humme 1 --> (01) (within terminal)
1 node_209 1 --> 0 node_208
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scia 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchiys barry 1 --> (01) (within terminal)
1 Archetyposmys er 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocoyms ligaen 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tarqua mys dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomaniapraavi 0 --> (01) (within terminal)
1 Bugtymys zafarul 0 --> (01) (within terminal)
1 Hodshia bia azrae 0 --> (01) (within terminal)
1 'Wasloumys' attia 0 --> (01) (within terminal)
1 Phyomys hammudai 0 --> (01) (within terminal)
1 Cachiucay conta 0 --> (01) (within terminal)
1 Eoeispina woodi-E 0 --> (01) (within terminal)
1 Canaaniymys maternai 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Cae-tonymys subsip 0 --> (01) (within terminal)
1 Palaeosteiromys 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 Periymys intemed 0 --> (01) (within terminal)
1 Neoreomys austri 0 --> (01) (within terminal)
1 Branisamyliurb 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Cachiucay 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 Leucokhephalos 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)

507 (Lateral proce) 1.000
Hsearch_Consensus.out

1 Branisamys lurib 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 Incamys bolivian 0 --> (01) (within terminal)
1 Microcromyomys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomyomys aequa 0 --> (01) (within terminal)
1 Pota mar chu s muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepilemama 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 Garridomys currn 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praece 0 --> (01) (within terminal)
1 Chambramyomys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambramyomys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys amegh 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamyomys br 0 --> (01) (within terminal)
1 Deseadomyomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sci amys prin ci pa 0 --> (01) (within terminal)
1 Galileomyomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomyomys pri 0 --> (01) (within terminal)
1 node_169 0 --> node_168
1 Spaniomyomys r i pari 1 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Protadelphomyomys l 0 --> (01) (within terminal)
1 Xenodontomyomys sim 0 --> (01) (within terminal)
1 Neophanomyomys bipl 0 --> (01) (within terminal)
1 Pithanotomyomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyn 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyomys can 0 --> (01) (within terminal)
1 Prostichomyomys bow 0 --> (01) (within terminal)
1 Stichomyomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pam pamyomys emmons 0 --> (01) (within terminal)
1 Caviocricetus l u 0 --> (01) (within terminal)
1 Plesiaca rechimi 0 --> (01) (within terminal)
1 Salamyomys pascau 0 --> (01) (within terminal)
1 Mayo myom ys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyomys laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomyomys c uayal i e 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiycuy kurnne 0 --> (01) (within terminal)
1 Thyromyomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
1 Archetypomyomys erl 0 --> (01) (within terminal)
1 Tribosphenomyomys m 0 --> (01) (within terminal)

509 (Epitympanic s) 0.333

Pge p
Hsearch_Consensus.out
1 Birbalomy s son da 0 --> (01) (within terminal)
1 Tamqua m y s di spi 0 --> (01) (within terminal)
1 Chap tti m y s w i l s 0 --> (01) (within terminal)
1 Ottom a n i a pr o a vi 0 --> (01) (within terminal)
1 Bug t i m y s z a f a r u l 0 --> (01) (within terminal)
1 Hodsa h i b i o a azrae 0 --> (01) (within terminal)
1 'Wasla m y s' a t t i a 0 --> (01) (within terminal)
1 Phio m y s h am mu dai 0 --> (01) (within terminal)
1 Cachi ya cu y con ta 0 --> (01) (within terminal)
1 Eoespi na wood i -E 0 --> (01) (within terminal)
1 C a naan i m y s m a qu i 0 --> (01) (within terminal)
1 Protoste i romy s m 0 --> (01) (within terminal)
1 Eostei rom y s hom o 0 --> (01) (within terminal)
1 Bran isamy o ps i s a 0 --> (01) (within terminal)
1 Neoste i rom y s pat 0 --> (01) (within terminal)
1 node 125 0 ==> 1 Erethizon dorsat
1 Stei rom y s de fent 0 --> (01) (within terminal)
1 Hypsoste i rom y s a 0 --> (01) (within terminal)
1 Chaeto m y s sub spi 0 --> (01) (within terminal)
1 Pa la eoste i rom y s 0 --> (01) (within terminal)
1 Austral oproct a f 0 --> (01) (within terminal)
1 Luant u s pro phet i m n oli 0 --> (01) (within terminal)
1 Aster omy s punct u 0 --> (01) (within terminal)
1 node 133 0 ==> 1 node 132
1 Peri m y s in ter med 0 --> (01) (within terminal)
1 Neoreomy s austr a 0 --> (01) (within terminal)
1 Bran isamy o luri b 0 --> (01) (within terminal)
1 node 139 0 ==> 1 Dasyprocta
1 Eoin camy s pascua 0 --> (01) (within terminal)
1 Incam y s bol ofi an 0 --> (01) (within terminal)
1 Micr oscle rom y s p 0 --> (01) (within terminal)
1 Scler omy s quad ra 0 --> (01) (within terminal)
1 Scler omy s angu st 0 --> (01) (within terminal)
1 Dryt om y s aequ a 0 --> (01) (within terminal)
1 Potamarch u s muri 0 --> (01) (within terminal)
1 Din omy s bra nick i 0 --> (01) (within terminal)
1 Neoepi bliem a ambr 0 --> (01) (within terminal)
1 Scler omy s obs bor n 0 --> (01) (within terminal)
1 Garrid omy s cur nu 0 --> (01) (within terminal)
1 Eovisc accia fras 0 --> (01) (within terminal)
1 Eovisc accia aust 0 --> (01) (within terminal)
1 Scler omy s praecu 0 --> (01) (within terminal)
1 Chamb ramy s sh ip 0 --> (01) (within terminal)
1 Eoin cam y s par vu s 0 --> (01) (within terminal)
1 Chamb ramy s sylv 0 --> (01) (within terminal)
1 Eoin cam y s val ter m 0 --> (01) (within terminal)
1 Eoin cam y s ameg hi 0 --> (01) (within terminal)
1 Dracon omy s ver ai 0 --> (01) (within terminal)
1 Leucok ephal os ze 0 --> (01) (within terminal)
1 Platypitt tamy s br 0 --> (01) (within terminal)
1 Dese adomy s ar amb 0 --> (01) (within terminal)
1 Acarem y s mur i nus 0 --> (01) (within terminal)
1 Sciam y s prin cipa 0 --> (01) (within terminal)
1 Galile omy s euryg 0 --> (01) (within terminal)
1 Willidewu est epa 0 --> (01) (within terminal)
1 Spanio m y s ripari 0 --> (01) (within terminal)
1 Maruchito trilo f 0 --> (01) (within terminal)
1 Proto del phomy s l 0 --> (01) (within terminal)
1 Xenodont omy s sim 0 --> (01) (within terminal)
1 Neu phan omy s bipl 0 --> (01) (within terminal)
1 Pithan omy s col 0 --> (01) (within terminal)
1 Adel phomy s cand i 0 --> (01) (within terminal)
1 Prost ichomy s bow 0 --> (01) (within terminal)
1 Stich omy s regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamy s emmonsa 0 --> (01) (within terminal)
1 Cavio cricetus lu 0 --> (01) (within terminal)
1 Plesiaca rechim y s 0 --> (01) (within terminal)
Hsearch_Consensus.out

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 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucalalie 0 --> (01) (within terminal)
1 Tarrapotomys mayo 0 --> (01) (within terminal)
1 Tarrapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys brrry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyms m 0 --> (01) (within terminal)
1 Cocoys ligchaen 0 --> (01) (within terminal)
1 Birbalomyms sonda 0 --> (01) (within terminal)
1 Tamquamyms disp 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomania proav 0 --> (01) (within terminal)
1 Bugtymiys zafarum 0 --> (01) (within terminal)
1 Hodashiba azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phyomyms hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanmys maqu 0 --> (01) (within terminal)
1 Protosteiromyms m 0 --> (01) (within terminal)
1 Eosteiromyms horno 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromyms pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromyms a 0 --> (01) (within terminal)
1 Chaetomys subspl 0 --> (01) (within terminal)
1 Palaeosteiromyms 0 --> (01) (within terminal)
1 Australoprocta 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteroma punctu 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyms lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microsscleromys p 0 --> (01) (within terminal)
1 Scleromyms quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomyms aerq 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoeupiblema ambr 0 --> (01) (within terminal)
1 Scleromyms osborn 0 --> (01) (within terminal)
1 Garridomyms curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromyms prae 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokaphalos zest 0 --> (01) (within terminal)
1 Deseadomyms aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciomyms principa 0 --> (01) (within terminal)
1 Galileomyms euryg 0 --> (01) (within terminal)
1 Wilidewu estepa 0 --> (01) (within terminal)
1 node_182 0 --> 1 node_176
1 Spaniomys ripari 1 --> (01) (within terminal)

Pge p

510 (Thickness of) 0.250
Hsearch_Consensus.out

1 Maruchito trilof 1 --> (01) (within terminal)
1 node_171 1 --> 0 Thrichomys apere
1 Protadelphomyss 1 --> (01) (within terminal)
1 node_175 1 --> 0 Mesocapromys/Mys
1 Xenodontomys sim 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 Adelphomyss cand 0 --> (01) (within terminal)
1 Protichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudunus ruigomez 0 --> (01) (within terminal)
1 Pampamyss emmons 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascaul 0 --> (01) (within terminal)
1 Mayomyss conflu 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajomyss aboc 0 --> (01) (within terminal)
1 Esbranisomyss rom 0 --> (01) (within terminal)
1 Esbranisomyss jav 0 --> (01) (within terminal)
1 Pozomyss ucaali 0 --> (01) (within terminal)
1 Tarapotomyss mayo 0 --> (01) (within terminal)
1 Tarapotomyss suba 0 --> (01) (within terminal)
1 Cachiyaucuy kumme 0 --> (01) (within terminal)
1 node_209 0 ==> 1 node_208
1 Metaphiomys schar 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi myss bary 0 --> (01) (within terminal)
1 Archeomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyss ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquamyss dispi 0 --> (01) (within terminal)
1 Chapattimonyss wil 0 --> (01) (within terminal)
1 Ottomaniap roavi 0 --> (01) (within terminal)
1 Bugtamyss zafarul 0 --> (01) (within terminal)
1 Hodsalhiba azr 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyaucuy conta 0 --> (01) (within terminal)
1 Eoesplina woodi-E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homono 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypossteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteirromys 0 --> (01) (within terminal)
1 Australoproctafl 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyss lurib 0 --> (01) (within terminal)
1 node_198 0 --> 1 node_197
1 Eoincamys pascu 1 --> (01) (within terminal)
1 Incamys bolivian 1 --> (01) (within terminal)
1 Miicroscleromys p 1 --> (01) (within terminal)
1 Microscleromys quad 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 node_148 1 --> 0 node_145
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoepl blena ambr 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)

511 (Development o) 0.250
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 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 Deseadomy aramb 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)

node_183 1 ==> 0 node_182
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Xeno dountomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)

node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Du dumus ruigomez 1 --> (01) (within terminal)
1 Pam papamys emmons a 1 --> (01) (within terminal)
1 Cav otricetus lu 1 --> (01) (within terminal)
1 Plesia carechimys 1 --> (01) (within terminal)
1 Saliamys pascua 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajiamys laboc 0 --> (01) (within terminal)
1 Eobranismays rom 0 --> (01) (within terminal)
1 Eobranismays jav 0 --> (01) (within terminal)
1 Pozomys ucalai e 0 --> (01) (within terminal)
1 Tapatomys mayo 0 --> (01) (within terminal)
1 Tapatomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 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 Archetypesomys erl 1 --> (01) (within terminal)
1 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocoomys ligchaen 1 --> (01) (within terminal)
1 Reithroparamys temp 1 --> (01) (within terminal)
1 Birbalomys son da 1 --> (01) (within terminal)
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtismys zafarul 1 --> (01) (within terminal)
1 Hodshahibia azrae 1 --> (01) (within terminal)
1 Wasla mattsattsia 1 --> (01) (within terminal)
1 Phiomys hammu dai 1 --> (01) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanomys maqui 1 --> (01) (within terminal)
1 Protosteirmys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Steiromys detr 1 --> (01) (within terminal)
1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteirmys 1 --> (01) (within terminal)

node_140 1 ==> 0 node_138
1 Australoprocta a 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)

512 (Accessory for) 0.250

Pge p
Apomorphy lists:

<table>
<thead>
<tr>
<th>Branch</th>
<th>Character</th>
<th>Steps</th>
<th>CI</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>node_218 --&gt; node_219</td>
<td>27 (Anterocingul)</td>
<td>1</td>
<td>0.444</td>
<td>0 --&gt; 1</td>
</tr>
<tr>
<td></td>
<td>64 (Metacone on)</td>
<td>1</td>
<td>0.222</td>
<td>0 --&gt; 1</td>
</tr>
<tr>
<td></td>
<td>203 (*Position o)</td>
<td>1</td>
<td>0.385</td>
<td>0 --&gt; 1</td>
</tr>
<tr>
<td>node_219 --&gt; Archetypomys erl</td>
<td>24 (Length of th)</td>
<td>1</td>
<td>0.500</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>27 (Anterocingul)</td>
<td>1</td>
<td>0.444</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>28 (Posterior ar)</td>
<td>1</td>
<td>0.500</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>33 (Labial proto)</td>
<td>1</td>
<td>0.333</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>64 (Metacone on)</td>
<td>1</td>
<td>0.222</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>125 (Parastyle o)</td>
<td>1</td>
<td>0.842</td>
<td>1 --&gt; 0</td>
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<tr>
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<td>127 (Anterostyle)</td>
<td>1</td>
<td>0.333</td>
<td>0 --&gt; 1</td>
</tr>
<tr>
<td></td>
<td>133 (Lingual ant)</td>
<td>1</td>
<td>0.333</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>136 (Outgrowth o)</td>
<td>1</td>
<td>1.000</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>138 (Outgrowth o)</td>
<td>1</td>
<td>0.500</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>187 (Hypocone on)</td>
<td>1</td>
<td>1.000</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>203 (*Position o)</td>
<td>1</td>
<td>0.385</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>204 (Anterior ar)</td>
<td>1</td>
<td>0.714</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>352 (*Trigonid h)</td>
<td>1</td>
<td>0.667</td>
<td>1 --&gt; 0</td>
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<tr>
<td></td>
<td>355 (*Distance b)</td>
<td>2</td>
<td>0.800</td>
<td>1 --&gt; 2</td>
</tr>
<tr>
<td></td>
<td>361 (Thickness o)</td>
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<td>0.600</td>
<td>0 --&gt; 1</td>
</tr>
<tr>
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<td>391 (Ectolophid)</td>
<td>1</td>
<td>0.833</td>
<td>1 --&gt; 0</td>
</tr>
<tr>
<td></td>
<td>395 (Position of)</td>
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Hsearch_Consensus.out

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396 (Anterior ar) 1 0.640 1 --> 0
441 (*Development) 1 0.238 1 --> 2
443 (*Development) 2 0.333 0 --> 2

node_218 --> Cocomys ligchaen
27 (Anterocingul) 1 0.444 0 --> 1
42 (*Development) 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 0.100 0 --> 1
129 (Length of t) 1 0.250 0 --> 1
133 (Anterior ar) 1 0.520 0 --> 1
174 (Posterior a) 1 0.310 0 --> 1
262 (Labial conn) 1 0.588 0 --> 1

node_218 --> node_217
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3 (*Loph(-ids) () 1 0.273 0 --> 1
30 (Outgrowth of) 1 0.333 0 --> 1
38 (*Orientation) 1 0.600 0 --> 1
58 (Hypocone on) 1 0.333 0 --> 1
63 (Protoconule) 1 1.000 0 --> 1
87 (*Orientation) 1 0.500 0 --> 1
150 (*Orientation) 1 0.727 0 --> 1
154 (*Orientation) 1 0.700 0 --> 1
188 (Hypocone on) 1 0.500 0 --> 1
199 (Development) 1 0.100 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 (Trigonid wi) 1 0.125 0 --> 1
356 (Anterocingu) 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
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 (Hypoconulid) 1 0.667 0 --> 1
460 (Margins of) 1 0.250 0 --> 1
500 (Development) 1 0.143 0 --> 1

node_217 --> node_118

node_118 --> Reithroparamys d
150 (*Orientation) 1 0.727 1 --> 0
154 (*Orientation) 1 0.700 1 --> 0
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<td>262 (Labial conn)</td>
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Hsearch_ Consensus. out

node_214 --> node_213

node_213 --> Ottomania proavi

node_213 --> node_212
Hsearch_Consensus.out

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  1 --> 1
232 (Hypoflexus)  1  0.800  0 --> 1
306 (Development) 1  0.500  1 ==> 0
336 (Orientation)  1  1.000  0 ==> 1
407 (Development)  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
46 (*Development) 1  0.636  1 --> 0
95 (*Anterior is)  1  0.375  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 (Development) 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 (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 --> 0
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 --> Hodsahibia 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
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<th>Support</th>
<th>Change</th>
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<td>1 --&gt; 2</td>
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<td>140</td>
<td>(Development)</td>
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<td>(*Development)</td>
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node_212 --> node_211

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node_211 --> node_210

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node_210 --> node_209

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node_209 --> node_207

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Node 124 --> node 123

Node 123 --> Branisamyopsis a

Node 123 --> Neosteiromys pat

Node 126 --> node 125

Node 125 --> Erethizon dorsat

Node 125 --> Coendou prehensi

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Pge p
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**node_141 --> Palaeoesteiromys**

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**node_141 --> node_140**

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**node_140 --> node_138**

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**node_138 --> node_137**

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**node_137**

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**Note:** The table above represents a portion of the consensus output from a phylogenetic analysis. The values indicate the presence or absence of certain features in the analysis. The states '0' and '1' refer to different morphological states, with '2' indicating an ambiguous state. The 'Degree of hy', 'Mesolophule', 'Lingual pro', etc., are specific morphological descriptions or features that are being compared between nodes.
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Pgeo p
Hsearch_Consensus.out

node_198 --> node_197

47 (*Posterior i)  1  0.600  1 --> 2

node_197 --> node_196

96 (*Posterior i)  1  0.375  0 --> 1

node_196 --> node_195

179 (*Length of )  1  0.680  1 --> 0

node_195 --> node_161

122 (M1 length/w)  1  0.071  1 --> 0

Pge p
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Hsearch_Consensus.out

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227 (*Reduction) 1 0.143 0 ==> 1
node_149 --> node_148
9 (*Degree of hy) 1 0.333 0 --> 1
14 (*Importance o) 1 0.333 0 --> 1
19 (*Lower incis) 1 0.333 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 (Laminas on) 1 0.250 0 --> 1
245 (Laminas on) 1 0.200 0 --> 1
246 (Laminas on) 1 0.500 0 --> 1
247 (Laminas 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 (Laminas 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
457 (*Length of) 1 0.154 1 --> 2
461 (*Length of) 1 0.118 0 --> 2
474 (Frontal pro) 1 0.111 1 --> 0
489 (Sphenopalat) 1 0.375 1 --> 0
511 (Development) 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 (Metaloph on) 1 0.462 1 --> 0
246 (Laminas on) 1 0.500 1 --> 0
247 (Laminas 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
12 (*Size of M3) 1 0.667 1 --> 0
185 (Lingual con) 1 0.688 0 --> 4
22 (*Size of P4) 1 0.154 1 --> 0
120 (*Size 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 --> Dinomys branicki
5 (*Orientation) 1 0.571 2 --> 3
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

Pge p
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<th>Description</th>
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<td>384 (Length of t) 1 0.700 0 =&gt;&gt; 1</td>
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<tr>
<td>412 (Strong redu) 1 0.500 0 =&gt;&gt; 1</td>
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<td>418 (Formation o) 1 0.400 0 =&gt;&gt; 1</td>
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<td>node_152 --&gt; Garridomys curnu 146 (Orientation) 1 0.814 1 =&gt;&gt; 2</td>
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<td>166 (*Development) 1 0.545 1 =&gt;&gt; 2</td>
</tr>
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<td>227 (*Reduction) 1 0.143 0 =&gt;&gt; 1</td>
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<td>256 (*Development) 1 0.308 2 =&gt;&gt; 1</td>
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<td>269 (Posterior a) 1 0.545 0 =&gt;&gt; 1</td>
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<td>359 (Posterior a) 1 0.500 0 =&gt;&gt; 1</td>
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<td>35 (Orientation) 1 0.450 1 =&gt;&gt; 0</td>
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<td>151 (Lingual pro) 1 0.400 1 =&gt;&gt; 0</td>
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<td>226 (Paraflexus) 1 0.143 0 =&gt;&gt; 1</td>
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<td>229 (*Reduction) 1 0.167 1 =&gt;&gt; 2</td>
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<td>267 (Buccal meta) 1 0.667 0 =&gt;&gt; 1</td>
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<td>272 (Neomesoloph) 1 0.632 1 =&gt;&gt; 0</td>
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<td>366 (Mesostylid) 1 0.750 1 =&gt;&gt; 0</td>
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<td>383 (Neomesoloph) 1 0.767 1 =&gt;&gt; 0</td>
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<tr>
<td>411 (Mesoflexid) 1 0.250 0 =&gt;&gt; 1</td>
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<td>175 (Third crest) 1 0.333 1 =&gt;&gt; 0</td>
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<td>180 (Mesoloph on) 1 0.800 1 =&gt;&gt; 0</td>
</tr>
<tr>
<td>327 (Third crist) 1 0.250 1 =&gt;&gt; 0</td>
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<td>329 (Neomesoloph) 1 0.529 1 =&gt;&gt; 0</td>
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<td>68 (Metaloph on) 1 0.462 1 =&gt;&gt; 0</td>
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<td>353 (Trigonid wi) 1 0.125 1 =&gt;&gt; 0</td>
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<td>node_159 --&gt; Chambiramys sylv 201 (*Development) 1 0.400 1 =&gt;&gt; 2</td>
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<td>207 (Postero) 1 0.750 0 =&gt;&gt; 1</td>
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<td>222 (Lingual con) 1 0.273 0 =&gt;&gt; 1</td>
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<tr>
<td>229 (*Reduction) 1 0.167 0 =&gt;&gt; 1</td>
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<td>273 (Mesiolabial) 1 0.857 0 =&gt;&gt; 1</td>
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<td>409 (Anteroflexi) 1 0.286 0 =&gt;&gt; 1</td>
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<td>201 (*Development) 1 0.400 1 =&gt;&gt; 2</td>
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<td>204 (Anterior ar) 1 0.714 1 =&gt;&gt; 0</td>
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<td>28 (Posterior ar) 1 0.500 1 =&gt;&gt; 0</td>
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<td>43 (Mesostyle on) 1 0.500 1 =&gt;&gt; 0</td>
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<td>97 (Anterior ar) 1 0.375 1 =&gt;&gt; 0</td>
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Hsearch_Consensus.out

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  0.000  0 --> 0
240 (Fusion of t)      1  0.000  0 --> 0
241 (Shape of th)      1  0.750  2 --> 3
242 (Shape of th)      1  0.750  2 --> 3
252 (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
318 (*Position o)      1  0.273  1 --> 2
330 (Length of t)      1  0.500  1 --> 0
338 (Alignment o)      1  0.286  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
393 (Neomesoloph)      1  0.767  1 --> 0
410 (Strong redu)      1  0.125  0 --> 1
444 (*Development)      1  0.231  1 --> 0
502 (Orientation)      1  0.250  1 --> 0
503 (Paroccipita)      1  0.167  0 --> 1
513 (Development)      1  0.333  1 --> 0

node_194 --> node_162
121 (*Size of M3)      1  0.130  1 --> 0
179 (*Length of)      1  0.680  0 --> 1
212 (Metaoloph on)      1  0.615  0 --> 1
217 (Lingual con)      1  0.696  0 --> 1
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 --> Danaocynas verai 256 (*Development)      1  0.308  1 --> 0
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 (Posteroloph)      1  0.846  1 --> 0
253 (Width of p4)      1  0.111  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  0.330  1 --> 1
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
174 (Posterior a)      1  0.390  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

Pge p
Hsearch_Consensus.out

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
22 (*Size of P4)  1  0.542  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_166 --> node_163

252 (*Length of)  1  0.167  2 --> 1
284 (Width of P4)  1  0.111  1 ==> 0
353 (Trigonid wi)  1  0.125  1 ==> 0
375 (*Length of)  1  0.353  0 ==> 2
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 --> Platypittamus br

35 (Orientation)  1  0.450  1 ==> 0
120 (*Size of M1)  1  0.125  1 ==> 0
286 (Length of t)  1  0.571  0 ==> 2
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  1 --> 2
284 (*Posterior c)  1  0.474  0 ==> 2
353 (Trigonid wi)  1  0.125  1 ==> 0
375 (*Length of)  1  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  1 --> 0
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 ==> 1
183 (Lingual con)  1  0.810  1 --> 5
227 (*Reduction)  1  0.143  0 --> 1
370 (Lingual con)  1  0.773  0 ==> 3
296 (*Distance b)  1  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 --> Acaremys 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 --> Sciamys princeps

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 --> Galileomys euryg

84 (Orientation)  1  0.471  1 --> 0
117 (Lingual spu)  1  0.767  0 ==> 1
142 (Posterior a)  1  0.371  1 ==> 0
173 (Anterior ar)  1  0.520  1 ==> 0
259 (Metalophule)  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

Pge p
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<th>Support</th>
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<td>(Depth of th)</td>
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<td>(*Position o)</td>
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<td>(Formation o)</td>
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<td>(Fusion of t)</td>
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<tr>
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<td>(Fusion of t)</td>
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<td>(Mastoid pro)</td>
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<td>(Pronounced)</td>
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<td>&lt;= 2</td>
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<td>454 (Anterior pr)</td>
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<td>1</td>
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<td>0.167</td>
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<td>436 (Mental fora)</td>
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<td>1</td>
<td>&gt;= 0</td>
<td>0</td>
<td></td>
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<tr>
<td></td>
<td>442 (*Anterior o)</td>
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<td>0.214</td>
<td>0</td>
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<td>443 (*Development)</td>
<td>1</td>
<td>0.333</td>
<td>1</td>
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<td>0.571</td>
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<td>0</td>
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<td></td>
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<tr>
<td></td>
<td>223 (Lingual con)</td>
<td>1</td>
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<td>0</td>
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<td>0</td>
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<tr>
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<td>227 (*Reduction)</td>
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<td>0.143</td>
<td>0</td>
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<td>1</td>
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<tr>
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<td>229 (*Reduction)</td>
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<td>0.167</td>
<td>0</td>
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<td>1</td>
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<td>308 (*Position o)</td>
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<td>317 (Metaconid c)</td>
<td>1</td>
<td>0.571</td>
<td>1</td>
<td>&gt;= 0</td>
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<td>328 (*Orientation)</td>
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<td>0.467</td>
<td>0</td>
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<td>1</td>
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<td>393 (Alignment o)</td>
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<td>412 (Strong redu)</td>
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<td>414 (Strong redu)</td>
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Hsearch_Consensus.out

441 (*Developmen) 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 (*Developmen) 1 0.222 1 ==> 0
489 (Sphenopalat) 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 (Lamines on ) 1 0.250 0 --> 1
245 (Lamines on ) 1 0.200 0 --> 1
337 (Distal ecto) 1 1.000 1 --> 0
404 (*Height of ) 2 0.308 0 --> 2
443 (*Developmen) 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 --> 2
486 (*Developmen) 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
34 (*Orientation ) 1 0.471 1 --> 2
441 (*Developmen) 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 (Paroccipita) 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
455 (*Developmen) 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 (Mesolophulale) 1 0.583 1 --> 0
178 (Mesolophulale) 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 o) 1 0.400 0 --> 1
477 (*Position o) 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 o) 1 0.875 0 --> 1
412 (Strong redu) 1 0.250 0 --> 1
439 (Notch for t) 1 0.360 1 --> 4
443 (*Developmen) 1 0.333 1 --> 2
448 (*Height of t) 1 0.143 1 --> 1
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 (*Developmen) 1 0.222 1 --> 0
487 (Position of ) 1 0.500 0 ==> 1
500 (Development) 1 0.143 0 --> 1

node_174 --> Protadelphomyss
4 (*Orientation ) 2 0.500 0 ==> 2
Hsearch_Consensus.out

node_174 --> Euryzygomatomy

node_175 --> Mesocapromys/Mys

node_182 --> node_181

node_181 --> node_178
Hsearch_Consensus.out

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 (Location of) 1 0.143 1 ==> 0
52 (Posterior ar) 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 of) 1 0.375 1 ==> 2
266 (Anterior i) 1 0.846 1 ==> 2

Node_196 --> Mayomys confluens
82 (Posterior ar) 1 0.333 1 ==> 0
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 of) 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 of) 1 0.273 1 ==> 0
393 (Alignment of) 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 0 ==> 1
258 (Position of) 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 (Orientation) 1 0.471 1 ==> 2
388 (Lingual con) 1 0.837 0 ==> 1
397 (Alignment of) 1 0.875 0 ==> 1

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 (Thickness of) 1 0.600 1 ==> 0
223 (Lingual con) 1 0.333 1 ==> 0
305 (Anteroconid) 1 0.286 0 ==> 1
320 (Posterior i) 1 0.273 1 ==> 0
325 (Protoconid) 1 0.400 1 ==> 0
328 (Orientation) 1 0.467 0 ==> 1

Node_200 --> Node_199
35 (Orientation) 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 0.227 1 ==> 0
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 0 ==> 1
202 (Development) 1 0.400 0 ==> 1
311 (Lingual con) 1 0.333 1 ==> 0
312 (Labial conn) 1 0.500 1 ==> 0
340 (Position of) 1 0.412 2 ==> 1
395 (Position of) 1 0.421 1 ==> 0

Node_199 --> Eobranisamys romali
178 (Mesolophule) 1 0.583 1 ==> 0
185 (Lingual con) 1 0.688 1 ==> 0

Node_199 --> Eobranisamys javanicus
384 (Length of t) 1 0.700 0 ==> 1
401 (Obliquity of) 1 0.632 0 ==> 1

Node_204 --> Node_203
36 (Lingual prot) 1 0.250 0 ==> 1
69 (Lingual conn) 1 0.615 1 ==> 4
192 (Position of) 1 0.154 0 ==> 1
199 (Metacone on) 1 0.444 0 ==> 1
205 (Thickness of) 1 0.600 1 ==> 0
211 (Metaloph on) 1 0.647 0 ==> 1
289 (Alignment of) 1 0.800 0 ==> 1
291 (Height of t) 1 0.250 1 ==> 0
347 (Height of) 1 0.500 2 ==> 1
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<td>Third crest</td>
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Hsearch_Consensus.out

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)      1  0.500  1 --> 2
492 (Anterior of)      1  0.400  1 ==> 0
499 (Development)      1  0.111  0 --> 1
500 (Development)      1  0.143  0 --> 1

node_208 --> Paraphiomys pigo 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  0 --> 1
464 (Interorbital)      1  0.333  0 --> 1
465 (Posterior of)      1  0.667  1 ==> 0
471 (Postorbital)      1  0.077  1 ==> 0

node_210 --> Metaphiomys scha 185 (Lingual con)      1  0.688  1 ==> 0
205 (Thickness of)      1  0.600  1 ==> 0
208 (Posterior of)      1  0.100  1 ==> 0
372 (*Length of)      1  0.731  0 --> 1
61 (Orientation)      1  0.500  0 --> 2
168 (*Position of)      1  0.375  0 --> 1
284 (*Posterior of)      1  0.474  1 ==> 0
330 (Length of)      1  0.500  0 --> 1
467 (Maxillary of)      1  0.400  0 ==> 1
472 (Development)      1  0.333  0 --> 1

node_211 --> Acriphiomys barry 53 (*Length of)      1  0.750  0 --> 1
61 (Orientation)      1  0.500  0 --> 2
168 (*Position of)      1  0.375  0 --> 1
284 (*Posterior of)      1  0.474  1 ==> 0
330 (Length of)      1  0.500  0 --> 1
467 (Maxillary of)      1  0.400  0 ==> 1
472 (Development)      1  0.333  0 --> 1

node_214 --> Baluchimys barry 61 (Length of)      1  1.000  0 --> 1
142 (Posterior of)      1  0.731  0 ==> 1
157 (Mure on M3)      1  0.500  1 --> 0
164 (Mesostyle of)      1  0.625  1 --> 0
165 (Mesostyle of)      1  0.750  1 --> 0
190 (Development)      1  0.333  0 --> 0
191 (Position of)      1  0.286  0 --> 1
340 (*Position of)      1  0.412  1 --> 2
368 (Posterior of)      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)

Pge p
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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<td>Cocomys ligchaen</td>
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<td>Birbalomys sonda</td>
<td>Tamquammys dispi</td>
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Pge p
### Character change lists:

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<td>218</td>
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<td>1 node</td>
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<tr>
<td>1 node</td>
<td>118</td>
<td>1 -&gt;</td>
<td>0 Birbalomys sonda</td>
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<td>(012) (within terminal)</td>
<td></td>
</tr>
<tr>
<td>2 Dolichotis patag</td>
<td>2 -&gt;</td>
<td>(012) (within terminal)</td>
<td></td>
</tr>
<tr>
<td>2 Galea spixii</td>
<td>2 -&gt;</td>
<td>(012) (within terminal)</td>
<td></td>
</tr>
<tr>
<td>2 Lagostomus maxim</td>
<td>2 -&gt;</td>
<td>(012) (within terminal)</td>
<td></td>
</tr>
<tr>
<td>2 Evniscaccia fras</td>
<td>2 -&gt;</td>
<td>(012) (within terminal)</td>
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<tr>
<td>2 Xenodontomys sim</td>
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<tr>
<td>2 Ctenomys bolivie</td>
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<tr>
<td>2 Pithanotomys col</td>
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<tr>
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Hsearch_Consensus.out

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2  Galea spixii 2 --> (012) (within terminal)
1 node_156 1 ==> 2 node_155
2 Microscleromys p 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
1 Chambiramys ship 1 --> (12) (within terminal)
1 node_164 1 ==> 2 Sci amys prin ci pa
1 node_187 1 ==> 2 node_186
1 node_169 2 ==> 1 Proechimys cuvie
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivi e 2 --> (012) (within terminal)
2 Pithanotomys col 2 --> (012) (within terminal)
2 Octodon degus 2 --> (012) (within terminal)
2 Spalacopus cyanu 2 --> (012) (within terminal)
1 node_181 2 --> 1 Abrocoma bennett
1 node_184 2 --> 1 Prostichomys bow
1 node_189 1 ==> 2 Pampamys enmon sa
1 Brani samyopsis a 0 --> (01) (within terminal)
1 node_129 0 ==> 1 Hypostei romys a
1 Australoproctaf 0 --> (01) (within terminal)
2 Asteromys punct u 0 --> (012) (within terminal)
2 Dolichotis patag 0 --> (012) (within terminal)
2 Hydrochoerus hyd 0 --> (012) (within terminal)
2 Cavia apera 0 --> (012) (within terminal)
2 Galea spixii 0 --> (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 bolivi an
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 Leucokcephalos ze 0 --> (012) (within terminal)
1 node_169 0 ==> 1 node_168
1 Maruchito tr i l of 0 --> (01) (within terminal)
2 node_174 0 ==> 2 Protadelphomys l
1 Mesocapromys57Mys 0 --> (01) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivi e 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Spalacopus cyanus 0 --> (012) (within terminal)
2 node_186 0 --> 2 node_185 (within terminal)
2 Adelphomyss candidi 2 --> (012) (within terminal)
1 Prostichomys bow 2 --> (012) (within terminal)
1 node_130 0 ==> 1 node_129 (within terminal)
1 node_129 0 --> 2 Hypsostenomys australoprotocfa (012) (within terminal)
2 Dolicohotis patagon 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 (within terminal)
1 node_161 1 --> 2 node_160 (within terminal)
1 Eoincamys pascua 2 --> (12) (within terminal)
1 node_154 1 --> 2 node_142 (within terminal)
1 Incamys bolivian 1 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
1 node_145 2 ==> 1 Dinomys branicki (within terminal)
1 Dinomys branicki 1 --> (012) (within terminal)
2 Lagostomus maximus 2 --> (012) (within terminal)
2 Garridomys curru 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praece 2 --> (012) (within terminal)
1 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
1 Eoincamys ameghi 1 --> (012) (within terminal)
2 node_187 0 ==> 2 node_186 (within terminal)
1 Myocastor coypus 2 --> (12) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
1 Maruchito trilof 2 --> (12) (within terminal)
2 node_171 2 --> 0 Thrichomys apere
1 node_175 2 ==> 1 node_174 (within terminal)
1 Protadelphomyss l 1 --> (012) (within terminal)
1 Euryzygomatomyss 1 --> (012) (within terminal)
2 node_182 2 --> 0 node_181 (within terminal)
2 Xenodontomyss sim 0 --> (012) (within terminal)
2 Ctenomys bolivien 0 --> (012) (within terminal)
2 Pithianatomys col 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)
2 Spalacopus cyanus 0 --> (012) (within terminal)
1 Prostichomys bow 2 --> (012) (within terminal)
1 node_203 0 --> 1 node_202 (within terminal)
1 Tarapotomys mayo 1 --> (12) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
1 node_136 0 ==> 1 Luantus propheti
1 node_134 0 ==> 1 node_133 (within terminal)
1 Hydrochoerus hyd 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
1 Pam_pamys emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiaca rechimy 0 --> (01) (within terminal)
1 Sal lamy pascual 0 --> (01) (within terminal)
1 Mayo myms conflu 0 --> (01) (within terminal)
1 Esallamy s paul a 0 --> (01) (within terminal)
1 Shapajamy s laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys j av 0 --> (01) (within terminal)
1 Pozomy s ucayali e 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachyacuy kumme 0 --> (01) (within terminal)
1 Thyromomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys s cha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi my s barry 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Coconomys l gchaen 0 --> (01) (within terminal)
1 Reithpramym ys d 0 --> (01) (within terminal)
1 Birbalomys s onda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 Chapatti mys wi l s 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Busdomys zafarul 0 --> (01) (within terminal)
1 Hodsahib a azrae 0 --> (01) (within terminal)
1 'Waslamiys' atti a 0 --> (01) (within terminal)
1 Phiomys hammadai 0 --> (01) (within terminal)
1 Cachyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi_E 0 --> (01) (within terminal)
1 Canaaniy s maqui 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Neosteiromys homo 0 --> (01) (within terminal)
1 Branisamym opsi s a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
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1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetosteiromys subpi 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprotacta 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 splixi 0 --> (01) (within terminal)
1 Perimys intermedi 0 --> (01) (within terminal)
1 Neoreomys austria 0 --> (01) (within terminal)
1 Branisamym lurib 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 Microscleromys p 0 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)

13 (Distribution o) 0.667
1 Microscleromys p 1 --> (01) (within terminal)
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1 Tribosphenomys m 0 --> (01) (within terminal)
1 Coconomys l gchaen 0 --> (01) (within terminal)
1 Reithpramym ys d 0 --> (01) (within terminal)
1 Birbalomys s onda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 Chapatti mys wi l s 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Busdomys zafarul 0 --> (01) (within terminal)
1 Hodsahib a azrae 0 --> (01) (within terminal)
1 'Waslamiys' atti a 0 --> (01) (within terminal)
1 Phiomys hammadai 0 --> (01) (within terminal)
1 Cachyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi_E 0 --> (01) (within terminal)
1 Canaaniymy s maqui 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Neosteiromys homo 0 --> (01) (within terminal)
1 Branisamym opsi s a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Reethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetosteiromys subpi 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprotacta 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 splixi 0 --> (01) (within terminal)
1 Perimys intermedi 0 --> (01) (within terminal)
1 Neoreomys austria 0 --> (01) (within terminal)
1 Branisamym lurib 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 Microscleromys p 0 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Drytomomys aequa 1 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)

Pge p
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<th>Species</th>
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<td>Eoincamys valver</td>
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<tr>
<td>Eoincamys ameghi</td>
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<tr>
<td>Draconomys verai</td>
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<tr>
<td>Leucokcephalos ze</td>
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<tr>
<td>Platypittamys br</td>
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<tr>
<td>Deseadomys aramb</td>
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<td>Acaremys murinus</td>
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<tr>
<td>Sciomyx amanoxia</td>
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<tr>
<td>Williedewu estepa</td>
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</tr>
<tr>
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<td>Spaniomys ripari</td>
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<td>Proechimys cuvie</td>
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<td>Mesocapromys/Mys</td>
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<td>Xenodontomys sim</td>
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<tr>
<td>Ctenomys bolivie</td>
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<td>Neophanomys biplo</td>
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<td>Spalacopus cyanu</td>
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<tr>
<td>Abrocoma bennett</td>
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<tr>
<td>Adelphomyx canalicul</td>
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<td>Prostichomys bow</td>
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<td>Canaanomys maqui</td>
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<td>Australoprocta f</td>
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<tr>
<td>Luantus propheti</td>
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<td>Asteromyx punctu</td>
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<tr>
<td>Dolichothrys patag</td>
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<tr>
<td>Hydrochoerus hyd</td>
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<td>Cavia apera</td>
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<td>Galea spixii</td>
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<td>Perimys intermed</td>
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<tr>
<td>Dasypodidae</td>
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15 (Number of root) 1.000
Hsearch_Consensus.out
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys valver 1 --> (01) (within terminal)
1 Eoincamys aemeghi 1 --> (01) (within terminal)
1 Draconothomys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willi dewu estepa 1 --> (01) (within terminal)
1 Prospaniomyms pri 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Protadelphymys t 1 --> (01) (within terminal)
1 Euryzygatomys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pitphanomys col 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Pampamys emmons a 1 --> (01) (within terminal)
1 Cavio cricetus lu 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamyms paula 1 --> (01) (within terminal)
1 Shapajamyms laboc 1 --> (01) (within terminal)
1 Eobranisamyms rom 1 --> (01) (within terminal)
1 Eobranisamyms jav 1 --> (01) (within terminal)
1 Pozomys ucayali e 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 Thyrohomys wind 1 --> (01) (within terminal)
1 Acritophiomyms bo 1 --> (01) (within terminal)
1 Archetytomyms erl 0 --> (012) (within terminal)
2 Tribosphenomyms 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)
1 node_216 0 --> 1 Tamquammys disp i
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomaniaproavi 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 node_212 0 --> 2 node_211
1 node_209 2 --> 1 node_207
2 Cachi yacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)
2 Eosteiromys Homo 1 --> (012) (within terminal)
2 Branisamyops a 1 --> (012) (within terminal)

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Hsearch_Consensus.out

2 Neosteoiromys pat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
1 Steiromys detent 1 --> (011) (within terminal)
2 Hypsosteoiromys a 1 --> (012) (within terminal)
1 Chaetomys subsp 1 --> (011) (within terminal)
2 Palaeosteoiromys 1 --> (012) (within terminal)
1 node_138 1 ==> 0 node_137
2 Australoprocta f 0 --> (012) (within terminal)
2 Luantus propheti 0 --> (012) (within terminal)
2 Asteromys punctu 0 --> (012) (within terminal)
1 node_131 0 ==> 1 Dolichotis patag
2 Cuniculus paca-t 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
1 node_148 1 --> 0 node_147
2 Neoepiblema amb 0 --> (012) (within terminal)
2 Lagidium viscaci 0 --> (012) (within terminal)
2 Lagostomus maxim 0 --> (012) (within terminal)
2 Garridomys curru 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Eoviscaccia aust 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys 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 vērai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Galeleomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
Hsearch_Consensus.out
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Hodshahibia azrae 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiyacuy conta 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (012) (within terminal)
2 Coendou prehensi 0 --> (012) (within terminal)
2 Hypsosteiromys a 0 --> (012) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteiromys 0 --> (012) (within terminal)
2 Australoprocta 0 --> (012) (within terminal)
1 node_137 0 --> 1 node_136
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_131 1 ==> 2 Hydrochoerus hyd
1 node_132 1 ==> 0 Galea spixii
1 Perimys intermed 1 --> (12) (within terminal)
2 node_139 0 ==> 2 Cuniculus paca-t
2 Eoincamys paścua 0 --> (012) (within terminal)
2 Microscleromys p 0 --> (012) (within terminal)
2 Scleromys quadra 0 --> (012) (within terminal)
1 node_149 0 --> 1 node_148
2 Drytomomys āeña 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
1 node_147 1 --> 0 Neoepiblema ambr
2 Scleromys osBorn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys sylv 0 --> (012) (within terminal)
Pge p
Hsearch_Con sensus. out

2 Eoincamys val ver 0 --> (012) (within terminal)
2 Eoincamys ameghi 0 --> (012) (within terminal)
2 Draconomys verai 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
1 node_168 0 ==> 1 Myocastor coypus
1 node_170 0 ==> 1 Maruchito trilof
1 node_173 0 ==> 1 node_172
2 Protadelphomys 1 0 --> (012) (within terminal)
1 node_175 0 ==> 1 Mesocapromys/Mys
2 Pithanotomys col 0 --> (012) (within terminal)
2 Abrocoma bennett 0 --> (012) (within terminal)
1 node_185 0 ==> 1 node_184
2 Plesiace archimys 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 Eobransamys jav 0 --> (012) (within terminal)
2 Pozomys ucyali 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbal omys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)

20 (*Incisors proc) 0.125
Although the image contains a large amount of text, it appears to be a terminal output from a program named `Hsearch_Consensus.out`. The text seems to represent a list of nodes and edges in a phylogenetic tree, with some lines containing comments or notes. Here is a simplified representation of the information presented:

```
2 (Third upper de) 0.333

1 Archetypomys erl 0 --> (01) (within terminal)
1 Chapatti mays wills 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Eoesquina woodi-E 0 --> (01) (within terminal)
1 Canaani mays maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 node_127 0 --> 1 node_126
1 Eosteiromys Homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erithizon dorsat 1 --> (01) (within terminal)
1 Hypsosteiromys a 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punct 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 brantic 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 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praeco 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys vera 0 --> (01) (within terminal)
1 Leucokephala ze 0 --> (01) (within terminal)
1 node_193 0 --> 1 node_192
1 Platypitamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murnius 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willi dewu estep 1 --> (01) (within terminal)
1 Prospaniomy sri 1 --> (01) (within terminal)
1 Spaniomy ripari 1 --> (01) (within terminal)
1 Proechimys cuv 1 --> (01) (within terminal)
1 Maruchito tri 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimys chrys 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
```
Hsearch_Consensus.out

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 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomyris regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampanomys emmons 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Esallamys paula 0 --> (01) (within terminal)
1 Shapajomys laby 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiacy cu kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphomys pigo 0 --> (01) (within terminal)
1 Baluchiomy s berry 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)

22 (*Size of P4 (a) 0.154

1 node_219 1 --> 2 Tribosphenomys m
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Tamquammys disp 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
1 node_212 1 --> 2 node_120
2 Bugtimys zafarul 2 --> (012) (within terminal)
2 Hodshahibia azrae 2 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiacy cu conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteir oms m 1 --> (012) (within terminal)
1 node_127 1 --> 0 node_126
1 node_124 0 --> 1 node_123
2 Branisamyopsis a 1 --> (012) (within terminal)
1 node_129 1 --> 0 Hypostei romys a
1 node_129 1 --> 2 Chaetomys subspi
2 Palaeosteir oms 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_134 1 --> 0 Perimys intermed
1 node_138 1 --> 2 Branisamy s lurib
Hsearch_Consensus.out
1 node_139 1 ==> 0 Dasyprocta
2 Eoincamys paścu 1 --> (012) (within terminal)
2 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
1 node_144 1 ==> 0 Potamarchus muri
1 node_147 1 ==> 0 node_146
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys 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 Leucokcephalos ze 2 --> (012) (within terminal)
1 node_166 2 ==> 1 node_163
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomyms ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 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 Pithanotomys 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)
1 node_137 1 --> 0
<table>
<thead>
<tr>
<th>Species</th>
<th>Estimated Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myocastor coypus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Proechimys cuvie</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Maruchito trilof</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Thrichomys aper   e</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Echimys chrysuru</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Makalata diester</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eurzygolomys</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Mesocalomys/Mys</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Ctenomys bolivie</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neophanomys bipl</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Pithanomys col</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Octodon degus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Spalacopus cyanu</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Abrocoma bennett</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Adelphomys candi</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Prostichomys bow</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Stichomys regula</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Dudumus rui gomez</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Pampanmys emmonsac</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Caviocrictetus ful</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Plesiachechimys</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Mayomys confuen</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eobranisamys rom</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Pozomys ucaialie</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Thyronomys swind</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Paraphomys pigo</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Metaphomys scha</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Baluchiomys barry</td>
<td>(01) within terminal</td>
</tr>
</tbody>
</table>

```hsearch_Consensus.out```
```
27 (Anterocingulum) 0.444
```
```node_218 0 ==> 1 node_219
node_219 1 ==> 0 Archevomys erl
node_218 0 ==> 1 Cocomys ligchaen
Ottomania proavi 0 ==> (01) (within terminal)
node_120 0 ==> 1 node_119
Hodshahibia azae 1 ==> (01) (within terminal)
Canaanmys maqui 0 ==> (01) (within terminal)
Protosteiramsys m 0 ==> (01) (within terminal)
Eoesteiramsys homo 0 ==> (01) (within terminal)
node_123 0 ==> 1 Neosteiramsys pat
Erethizon dorsat 0 ==> (01) (within terminal)
Coendou prehensi 0 ==> (01) (within terminal)
Palaeosteiramsys 0 ==> (01) (within terminal)
Asteoramsys punctu 0 ==> (01) (within terminal)
Dolichotis patag 0 ==> (01) (within terminal)
Hydrochoerus hyd 0 ==> (01) (within terminal)
Cavia aper 0 ==> (01) (within terminal)
Galea spixii 0 ==> (01) (within terminal)
Periomyx intermed 0 ==> (01) (within terminal)
Neoreomys australis 0 ==> (01) (within terminal)
Dasyprocta 0 ==> (01) (within terminal)
node_195 0 ==> 1 node_161
node_156 1 ==> 0 node_155
Microsclerolamys p 0 ==> (01) (within terminal)
Potamarchus muri 0 ==> (01) (within terminal)
Lagostomus maxim 0 ==> (01) (within terminal)
Garridomys cuwu 0 ==> (01) (within terminal)
Eoviscaccia fras 0 ==> (01) (within terminal)
Eoviscaccia aust 0 ==> (01) (within terminal)
Scleromys praecu 0 ==> (01) (within terminal)
Chambiramys ship 0 ==> (01) (within terminal)
Chambiramys sylv 0 ==> (01) (within terminal)
Eoinca mus valver 0 ==> (01) (within terminal)
Draconomys verai 0 ==> (01) (within terminal)
Leucokcephalos ze 0 ==> (01) (within terminal)
Sciomyx principa 0 ==> (01) (within terminal)
Prospaniomyx pri 0 ==> (01) (within terminal)
Spaniomyx ripari 0 ==> (01) (within terminal)
Myocastor coypus 0 ==> (01) (within terminal)
```
Hsearch_Consensus.out

1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomaticys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomy 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanatomy 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomy 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesi a carechimys 0 --> (01) (within terminal)
1 Mayomys conflie 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Pozomy 0 --> (01) (within terminal)
1 Cachi yacuy 0 --> (01) (within terminal)
1 T hynomy 0 --> (01) (within terminal)
1 Paraphy 0 --> (01) (within terminal)
1 Metaphy 0 --> (01) (within terminal)
1 Acrito phy 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
1 Archetypomy s erl 0
1 Reithrop aramys d 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 Eoepina wo 0 --> (01) (within terminal)
1 Canaani my 0 --> (01) (within terminal)
1 Protoste romys m 0 --> (01) (within terminal)
1 Eostei romys homo 0 --> (01) (within terminal)
1 Brani samysa 0 --> (01) (within terminal)
1 E rheiz o n dorsat 0 --> (01) (within terminal)
1 Coendo 0 --> (01) (within terminal)
1 H ypsosteiromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeoste rromys 0 --> (01) (within terminal)
1 Austrolo 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis pat 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 Neoreomy 0 --> (01) (within terminal)
1 node_219 0 --> 0 Archetypomy s erl

28 (Posterior arm) 0.500
Hsearch_Consensus.out

31 (Length of the) 0.333
Mayomys confluen 0 --> (01) (within terminal)
node_200 0 ===> 1 Shapajamy s lboc
Eobrani samys rom 0 --> (01) (within terminal)
Pozomy s ucalal i e 0 --> (01) (within terminal)
Thrynomys swi nd 0 --> (01) (within terminal)
Paraphiomys pigo 0 --> (01) (within terminal)
Metaphiomys scha 0 --> (01) (within terminal)
Baluchi my s bar ry 0 --> (01) (within terminal)
Archety pomys erl 0 --> (01) (within terminal)
Tribosphenomy s m 0 --> (01) (within terminal)
Cocomys ligchaen 0 --> (01) (within terminal)
node_217 0 --> 1 node_216
Tamquammys dispi 1 --> (01) (within terminal)
Ottomani a proavi 1 --> (01) (within terminal)
Hodsahibi a azrae 1 --> (01) (within terminal)
Canaani mys maqui 1 --> (01) (within terminal)
Protoste r omy s m 1 --> (01) (within terminal)
Eostei romys homo 1 --> (01) (within terminal)
Bran isamy pisi a 1 --> (01) (within terminal)
Neostei romys pat 1 --> (01) (within terminal)
Erethi zen dor s3 1 --> (01) (within terminal)
Coendou prehensi 1 --> (01) (within terminal)
Stei romys detent 1 --> (01) (within terminal)
Hypsoste r omys a 1 --> (01) (within terminal)
Chaetomys subs pi 1 --> (01) (within terminal)
Pala eoste r omys 1 --> (01) (within terminal)
As tero mys punct u 1 --> (01) (within terminal)
Dolicĥoti s patag 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia aperea 1 --> (01) (within terminal)
Galea spixii 1 --> (01) (within terminal)
Neoreomys austra 1 --> (01) (within terminal)
Bran isamy s lurib 1 --> (01) (within terminal)
Dasyproct a 1 --> (01) (within terminal)
Cuniculus pacat 1 --> (01) (within terminal)
Inc amys boliv i an 1 --> (01) (within terminal)
Microscler omy s p 1 --> (01) (within terminal)
Scler omy s quadra 1 --> (01) (within terminal)
Scler omy s angust 1 --> (01) (within terminal)
Drytom omy s aequa 1 --> (01) (within terminal)
Potamarchus muri 1 --> (01) (within terminal)
Dinomys branicki 1 --> (01) (within terminal)
Neoepl blema ambr 1 --> (01) (within terminal)
Chinchilla lanig 1 --> (01) (within terminal)
Lagidium visi caci 1 --> (01) (within terminal)
Lagostomus maxim 1 --> (01) (within terminal)
Scler omy s osborn 1 --> (01) (within terminal)
Garr idomys curnu 1 --> (01) (within terminal)
Eoviscaccia fras 1 --> (01) (within terminal)
Eoviscaccia aust 1 --> (01) (within terminal)
Scler omy s praecu 1 --> (01) (within terminal)
Chamb iramy s ship 1 --> (01) (within terminal)
Chamb iramy s sylv 1 --> (01) (within terminal)
Draconomys verai 1 --> (01) (within terminal)
Leucokephal o s ze 1 --> (01) (within terminal)
Acaremys murinus 1 --> (01) (within terminal)
Sci amys princip a 1 --> (01) (within terminal)
Galileomys euryg 1 --> (01) (within terminal)
Prospaniomys pri 1 --> (01) (within terminal)
Spani omy s ripari 1 --> (01) (within terminal)
Myocastor cyp 1 --> (01) (within terminal)
Proechimys cuvie 1 --> (01) (within terminal)
Maruchito trilof 1 --> (01) (within terminal)
Thrichomys aper 1 --> (01) (within terminal)
Echimys chrys ur 1 --> (01) (within terminal)
Makalata didelph 1 --> (01) (within terminal)
Euryzygomatics 1 --> (01) (within terminal)
Hsearch_Consensus.out
1 Pozomys ucayalie 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 Baluchimys barry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Hodshibia azrae 0 --> (01) (within terminal)
1 Canaannymys maqui 0 --> (01) (within terminal)
1 Protosteiramous 0 --> (01) (within terminal)
1 Palaeosteiromys 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 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scheromys praeceu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokhephalos ze 0 --> (01) (within terminal)
1 Prospaniomyms pri 0 --> (01) (within terminal)
1 Spaniomyms ripari 0 --> (01) (within terminal)
1 Myocastor coppus 0 --> (01) (within terminal)
1 Protoechimys cuv 0 --> (01) (within terminal)
1 Maruchito triolf 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysured 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomaticomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys boliv 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pitthannomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cya 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyms can 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regular 0 --> (01) (within terminal)
1 Duddumus ruigomez 0 --> (01) (within terminal)
1 Pamamys emmonsa 0 --> (01) (within terminal)
1 Caviocticus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 node_193 0 ==> 1 Sallamyms pascual
1 Mayomys conflu 0 --> (01) (within terminal)
1 Eobranisamyms rom 0 --> (01) (within terminal)
1 Eobranisamymsjav 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 node_204 0 ==> 1 node_201
1 node_124 1 ==> 2 Eosteiromys homo
1 Branisamymsbisp 1 --> (01) (within terminal)
1 Branisamymsaqu 1 --> (01) (within terminal)
1 Branisamymsaqu 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 node_129 1 ==> 0 Chaetomys subspsi
1 node_137 1 ==> 0 node_136
1 node_139 1 ==> 0 Dasyprocta
1 Eoincamys pascau 1 --> (12) (within terminal)
1 node_154 1 ==> 0 node_142

34 (Length of the) 1.000

35 (Orientation of) 0.450

Pge p
Hsearch_Consensus.out

1 Incamys bolivian 0 --> (01) (within terminal)
  node_147 1 ==> 2 Neoepiblema amber
1 Garridomys curnu 1 --> (01) (within terminal)
  node_152 1 ==> 2 node_151
1 Eoincamys parvus 1 --> (01) (within terminal)
  node_163 0 ==> 1 Platypittamys brevicaudatus
  node_164 1 ==> 0 Acaremys murinus
  node_193 1 ==> 0 Salamamys pascuala
1 Eosallamys paula 1 --> (01) (within terminal)
  node_200 1 ==> 0 node_199
  node_206 0 ==> 1 Tribosphenomys mazzini
1 Tamquammys densispinis 0 --> (01) (within terminal)
  node_213 0 ==> 1 Ottomania proavus
1 Hodsahibia azeiae 0 --> (01) (within terminal)
1 Cachiyacu contamona 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiromyss mitchelli 0 --> (01) (within terminal)
  node_124 0 ==> 1 node_123
1 Paleosteiromyss mitchelli 0 --> (01) (within terminal)
  node_141 0 ==> 1 node_140
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteronomys punctatus 1 --> (01) (within terminal)
1 Dolichotis patagonum 1 --> (01) (within terminal)
1 Hydrochoerus hydromys 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
  node_139 1 ==> 0 Dasyprocta paca
  node_161 0 ==> 1 node_160
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Eoviscaccia fraseri 1 --> (01) (within terminal)
1 Scleromys praecox 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylvaticus 1 --> (01) (within terminal)
1 Draconomys veraii 0 --> (01) (within terminal)
1 Leucoképhalos zebrinus 0 --> (01) (within terminal)
  node_193 0 ==> 1 node_192
  node_167 1 ==> 0 node_166
1 Prospaniomyss prior 1 --> (01) (within terminal)
1 Spaniomyss riparius 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvier 1 --> (01) (within terminal)
1 Maruchitos trilophus 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrysuro 1 --> (01) (within terminal)
1 Makalata didelphoides 1 --> (01) (within terminal)
1 Euryzygomaticus 1 --> (01) (within terminal)
1 Mesocapromys/mys 1 --> (01) (within terminal)
1 Xenodontomyss simus 1 --> (01) (within terminal)
1 Ctenomys boliviae 1 --> (01) (within terminal)
1 Neophanomys biplagiatus 1 --> (01) (within terminal)
1 Pithanomys colensis 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Abrocoma bennettii 1 --> (01) (within terminal)
1 Adelphomys candidus 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmonsii 1 --> (01) (within terminal)
1 Caviocrictetus lucis 1 --> (01) (within terminal)
1 Plesiacoecchiomys 1 --> (01) (within terminal)
1 Mayomyss confuens 0 --> (01) (within terminal)
  node_200 0 ==> 1 node_199
1 Eobranisamys romeroi 1 --> (01) (within terminal)
  node_204 0 ==> 1 node_203
1 Pozomys ucaumia 1 --> (01) (within terminal)
1 Thryonomyss swinderi 0 --> (01) (within terminal)

Pge p
Hsearch Consensus, out

1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Cavicoelurus luc 1 --> (01) (within terminal)
1 Plesiacearchimys 1 --> (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 Pozomys uca yali e 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomys wind 1 --> (01) (within terminal)
1 Paraphiomys pig o 1 --> (01) (within terminal)
1 Metaphiomys s ch a 1 --> (01) (within terminal)
1 Baluchi samys bar ry 1 --> (01) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
1 node_218 0 --> 1 node_217
2 Tamquamys dispi 1 --> (012) (within terminal)
1 node_215 1 --> 0 Chapattimys wils
2 Ottomania pr aavi 1 --> (012) (within terminal)
2 Hodsehabia azae 1 --> (012) (within terminal)
1 node_206 1 --> 2 node_205
2 Canaanims màqui 2 --> (012) (within terminal)
2 Protosteirromys m 2 --> (012) (within terminal)
2 Branisamyopsis a 2 --> (012) (within terminal)
2 Neosteirromys pat 2 --> (012) (within terminal)
2 Palaeosteirromys 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)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermedi 2 --> (012) (within terminal)
2 Neoreomys aust a 2 --> (012) (within terminal)
2 Branisamy luri b 2 --> (012) (within terminal)
2 Cuniculus paca-t 2 --> (012) (within terminal)
2 Eo incams pas ca 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 Dry tomomys aequa 2 --> (012) (within terminal)

38 (*Orientation o) 0.600
Hsearch_Consensus.out
2 Potamarchus muri 2 --> (012) (within terminal)
1 node_166 2 ==> 1 node_163
2 Dinomys branicki 2 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys val ver 2 --> (012) (within terminal)
2 Eoincamys ameghi 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys aper 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Euryzygomaticys 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Pithanotomys 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 ruigomez 2 --> (012) (within terminal)
2 Pamamys emmonsa 2 --> (012) (within terminal)
2 Cavio cricetus lu 2 --> (012) (within terminal)
2 Plesi acarechimys 2 --> (012) (within terminal)
2 Mayomys confluen 2 --> (012) (within terminal)
1 Eosallamys paula 2 --> (12) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys uca yali e 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Thyronomys wind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Baluchiromys bar ry 1 --> (012) (within terminal)

39 (Mure on P4) 0.500
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodshahblia azrae 0 --> (01) (within terminal)
1 node 207 0 ==> 1 node 206
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Canaanmys macqui 1 --> (01) (within terminal)
1 Protosteiromys min 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 node 129 1 ==> 0 Chaetomys subsp
1 Palaeosteiromys 1 --> (01) (within terminal)
1 node 136 1 --> 0 node 135
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 node 139 1 ==> 0 Cuniculus paca-t
1 Incamys bolivian 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys prae cu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys vera 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
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<th>Position</th>
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<td>Proechimys cuvie</td>
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<td>Thrichomys aper e</td>
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<td>Euryzygomatonymys</td>
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<td>Mesocapromys/Mys</td>
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<td>Xenodontomys sim</td>
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<td>Ctenomys bolivie</td>
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<tr>
<td>Neophanomys bipl</td>
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<td>Pitthotonomys col</td>
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<td>Metaphiomys scha</td>
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<td>Palaeosteiromys</td>
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<td>Draconomy s verai</td>
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<td>Prospaniomys pri</td>
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<td>Spaniomys ripari</td>
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<td>Myocastor coypus</td>
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<td>Maruchito trillof</td>
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<td>Thrichomys aper e</td>
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<td>Xenodontomys sim</td>
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<tr>
<td>Ctenomys bolivie</td>
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<td>Neophanomys bipl</td>
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<td>Pitthotonomys col</td>
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<td>Octodon degus</td>
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Hsearch_Consensus.out
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomyys regular 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Cavilocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eobransamys rom 1 --> (01) (within terminal)
1 Pozomys ucalalie 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Thraxonomys swind 1 --> (01) (within terminal)
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)

42 (*Development o) 0.667

1 node_218 1 ==> 0 Cocomys ligchaen
1 node_217 1 ==> 2 node_118
2 Tamquammys disp 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
1 node_120 1 ==> 0 ‘Waslamys’ attia
2 Phiomys hammuda 1 --> (012) (within terminal)
2 Cachiacyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromyms m 1 --> (012) (within terminal)
2 Eosteiromyms homo 1 --> (012) (within terminal)
2 Branisamypsis a 1 --> (012) (within terminal)
2 Neosteiromyms pat 1 --> (012) (within terminal)
2 Erethizon dorsat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Hypsosteiromyms a 1 --> (012) (within terminal)
2 Chaetomys subsp 1 --> (012) (within terminal)
2 Palaeosteiromyms 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromyms 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)

Pge p
Hsearch_Consensus.out
2  Galea spixii 1 --> (012) (within terminal)
2  Perimys intermed 1 --> (012) (within terminal)
2  Neoreomys austra 1 --> (012) (within terminal)
2  Branisamys lurib 1 --> (012) (within terminal)
2  Dasyprocta 1 --> (012) (within terminal)
2  Cuniculus paca-t 1 --> (012) (within terminal)
2  Eoincamys pascua 1 --> (012) (within terminal)
2  Incamys bolivian 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  Drytomonos aequa 1 --> (012) (within terminal)
2  Potamarchus muri 1 --> (012) (within terminal)
2  Dinomys branicki 1 --> (012) (within terminal)
2  Neoepiblema 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  Scleromys osborn 1 --> (012) (within terminal)
2  Garridomys 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  Chambiramys ship 1 --> (012) (within terminal)
2  Eoincamys parvus 1 --> (012) (within terminal)
2  Chambiramys sylv 1 --> (012) (within terminal)
2  Eoincamys valver 1 --> (012) (within terminal)
2  Eoincamys ameghi 1 --> (012) (within terminal)
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  Acaremys murinus 1 --> (012) (within terminal)
2  Sciamys principa 1 --> (012) (within terminal)
Hsearch Consensus.out
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Spaniomys ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys aper 1 --> (012) (within terminal)
2 Echimys chrysuru 1 --> (012) (within terminal)
2 Makalata didelph 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 bolivi 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)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmonsa 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 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 uayalie 1 --> (012) (within terminal)
Hsearch Consensus.out

1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviocrictetus luo 0 --> (01) (within terminal)
1 Pliesiacarechmys 0 --> (01) (within terminal)
1 Mayomyos confusen 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Thyronomyx swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchi mys barly 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
1 node_212 1 --> 0 node_120
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 Hodshahibia azrae 0 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)
2 Eosteirymys homo 1 --> (012) (within terminal)
1 node_123 1 --> 2 Neosteirymys pat
1 node_130 1 --> 2 node_129
2 Hypsosteirymys a 2 --> (012) (within terminal)
2 Palaeosteirymys 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 Microscleromys p 1 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)

44 (*Development o) 0.636

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Hsearch_Consensus.out

2 Drytomomys aequa 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
2 Neoepiblema ambr 1 --> (012) (within terminal)
2 Chinchilla lani g 1 --> (012) (within terminal)
2 Lagidium viscaci 1 --> (012) (within terminal)
2 Lagostomus maxim 1 --> (012) (within terminal)
2 Garridomys curr u 1 --> (012) (within terminal)
2 Eo viscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Chambiramys 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 Platypit t amys br 1 --> (012) (within terminal)
2 Deseadomys aramb 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Spaniomy s ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechimys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Echimys chrysur u 1 --> (012) (within terminal)
2 Makalata didelph 1 --> (012) (within terminal)
2 Protadelp homys l 1 --> (012) (within terminal)
2 Euryzygatomys 1 --> (012) (within terminal)
2 Mesocapromys/Mys 1 --> (012) (within terminal)
2 Xenodont omys sim 1 --> (012) (within terminal)
2 Ctenomys bolivi e 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)
Pge p
Hsearch_Consensus.out

terminal

2 Spalacopus cyanus 1 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmons 1 --> (012) (within terminal)
2 Caviocricus lu 1 --> (012) (within terminal)
2 Plesiocrarechmys 1 --> (012) (within terminal)
2 Sallamys pascual 1 --> (012) (within terminal)
2 Mayomys confluens 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
1 Eobranisamys jav 1 --> (12) (within terminal)
2 Pozomys ucaialie 1 --> (012) (within terminal)

node_202 1 --> 0 Tarapotomys mayo
2 Cachiyacuy kun 1 --> (012) (within terminal)
2 Thryonomys wind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)

45 (Height of the ) 1.000

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyys ligchaen 0 --> (01) (within terminal)
1 node_217 0 --> node_216 0
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Chattomys wil 1 --> (01) (within terminal)
1 Ottomani proavi 1 --> (01) (within terminal)
1 Ottomania azrae 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Canahmys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromyys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoepiblema amb 1 --> (01) (within terminal)
1 Chinchilla lani 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 Scleromys prae 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)

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Hsearch_Consensus.out

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)
2 Cavia apera 0 --> (012) (within terminal)
2 Galea spiixii 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 Microscleromys p 0 --> (012) (within terminal)
2 Potamarchus muri 0 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys cuuru 0 --> (012) (within terminal)
2 Eoviscaccia fras 0 --> (012) (within terminal)
2 Scleromys praecu 0 --> (012) (within terminal)
2 Chambiramys ship 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Myocastor corpsus 0 --> (012) (within terminal)
2 Plocomys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys aper 0 --> (012) (within terminal)
2 Echimys chrysuri 0 --> (012) (within terminal)

Pge p
2 Makalata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatomy 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 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 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 Caviocrinetu lu 0 --> (012) (within terminal)
2 Plesiacechimys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (012) (within terminal)
2 Mayomys conflu 0 --> (012) (within terminal)
1 node_200 0 --> 1 node_199
1 Eobranisamys rom 1 --> (012) (within terminal)
1 Eobranisamys jav 1 --> (012) (within terminal)
1 Pozomys ucayalie 0 --> (012) (within terminal)
1 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Thryonomy swind 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchimys barry 0 --> (012) (within terminal)
2 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys m 0 --> (012) (within terminal)
2 Cocomycus l i gch aen 0 --> (012) (within terminal)
2 node_217 0 --> 2 node_216
2 Tamqua mmy d i s p i 2 --> (012) (within terminal)
Hsearch_Consensus.out
2 Chapattimys wils 2 -> (012) (within terminal)
2 Ottomania proavi 2 -> (012) (within terminal)
2 Bugtimys zafarul 2 -> (012) (within terminal)
2 Hodsahibia azrae 2 -> (012) (within terminal)
2 Phiomys hammudai 2 -> (012) (within terminal)
1 Cacheiyacuy conta 2 -> (12) (within terminal)
2 Canaanimys maqui 2 -> (012) (within terminal)
1 node_204 2 -> 1 node_201
2 Protosteiromyx m 1 -> (012) (within terminal)
1 node_124 1 -> 2 Eosteiromys homo
2 Branisamypsis a 1 -> (012) (within terminal)
1 Erethizon dorsat 1 -> (12) (within terminal)
2 Coendou prehensi 1 -> (012) (within terminal)
2 Steiromys detent 1 -> (012) (within terminal)
1 node_129 1 -> 2 Hyposteiromys a
1 node_129 1 -> 0 Chaetromys subs p
2 Palaeosteiromyx 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 Asteromyx punctu 0 -> (012) (within terminal)
2 Dolichotis patag 0 -> (012) (within terminal)
2 Hydrochoerus hyd 0 -> (012) (within terminal)
2 Cavia a perea 0 -> (012) (within terminal)
2 Galea spixii 0 -> (012) (within terminal)
2 Perimys intermed 0 -> (012) (within terminal)
2 Neoreomyx austra 0 -> (012) (within terminal)
2 Dasyprocta 0 -> (012) (within terminal)
1 node_198 1 -> 2 node_197
1 node_195 2 -> 1 node_161
1 Eoincamys pas cu 1 -> (12) (within terminal)
1 node_156 1 -> 0 node_155
2 Microscleromyx p 0 -> (012) (within terminal)
2 Scleromyx quadra 0 -> (012) (within terminal)
2 Scleromyx angust 0 -> (012) (within terminal)
2 Potamarchus muri 0 -> (012) (within terminal)
2 Neoepiblema 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)
Hsearch_Consensus.out

2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys cornu 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 Chambiramys ship 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomy aramb 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)
2 Echimys chrysur 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Prodadelphomys 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 bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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)

Pge p
Hsearch_Consensus.out

2 Stichomys regula 2 --> (012) (within terminal)
2 Dudumus ruigomez 2 --> (012) (within terminal)
2 Pampamys emmonsa 2 --> (012) (within terminal)
2 Cavicricetus lu 2 --> (012) (within terminal)
2 Plesiaca rechi my 2 --> (012) (within terminal)
2 Sallamys pascual 2 --> (012) (within terminal)
2 Mayomys conflu en 2 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
1 Eobranisamys j a v 1 --> (12) (within terminal)
2 Pozomys uca yali e 2 --> (012) (within terminal)
2 Cachiyacuy kumme 2 --> (012) (within terminal)
2 Thryonomys wind 2 --> (012) (within terminal)
2 Paraphiomys pigo 2 --> (012) (within terminal)
2 Metaphiomys scha 2 --> (012) (within terminal)
2 Acritophiomys 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 Cocoyomys ligchaen 0 --> (01) (within terminal)
1 Tamquamys dispi 0 --> (01) (within terminal)
1 Chapattimys wil s 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 node_124 0 ==> 1 Eosteiromys homo
1 Erethizon d o rsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Palaeo steiromys 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 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermediate 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vis cací 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Garridomy s curr u 0 --> (01) (within terminal)
1 Eoincamys fras 0 --> (01) (within terminal)
1 Scleromys pra e 0 --> (01) (within terminal)
1 Chambiramy ship 0 --> (01) (within terminal)
1 Chambiramy sylv 0 --> (01) (within terminal)
1 Eoincamys val ve 0 --> (01) (within terminal)
1 Eoincamys amegh 0 --> (01) (within terminal)
1 Draconymys vera 0 --> (01) (within terminal)
1 Leucok ephalos ze 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Platypitamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Williewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor couypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrys 0 --> (01) (within terminal)
1 Makalata didelep 0 --> (01) (within terminal)
1 Proadolphomys l 0 --> (01) (within terminal)
1 Eurizygomatamys 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 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Camelmys paschal 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Theromys/swind 0 --> (01) (within terminal)
1 Paraphiomys pig 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 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 node_118 1 => 0 Birbalomys sonda
1 Tamquammys ditspi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomani proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsa bi az rae 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaan mys maqui 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 Protosteiromy m 0 --> (01) (within terminal)
1 node_124 0 --> 1 node_123
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Erehizon dorb 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Hyposteiromy m 0 --> (01) (within terminal)
1 Chaetomys subs 0 --> (01) (within terminal)
1 Palaeosteiromy m 0 --> (01) (within terminal)
1 node_140 0 --> 1 node_138
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromyx punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)

49 (Anterior arm o) 0.500

Hsearch_Consensus.out

1 Platypitamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Williewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor couypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrys 0 --> (01) (within terminal)
1 Makalata didelep 0 --> (01) (within terminal)
1 Proadolphomys l 0 --> (01) (within terminal)
1 Eurizygomatamys 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 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Camelmys paschal 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Theromys/swind 0 --> (01) (within terminal)
1 Paraphiomys pig 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 Tribosphenomys m 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (01) (within terminal)
1 node_118 1 => 0 Birbalomys sonda
1 Tamquammys ditspi 1 --> (01) (within terminal)
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomani proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsa bi az rae 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaan mys maqui 1 --> (01) (within terminal)
1 node_198 1 --> 0 node_141
1 Protosteiromy m 0 --> (01) (within terminal)
1 node_124 0 --> 1 node_123
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Erehizon dorb 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Hyposteiromy m 0 --> (01) (within terminal)
1 Chaetomys subs 0 --> (01) (within terminal)
1 Palaeosteiromy m 0 --> (01) (within terminal)
1 node_140 0 --> 1 node_138
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromyx punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
Hsearch_Consensus.out

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 Dudamus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmons a 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiacearchimys 0 --> (01) (within terminal)
1 Mayomys conflu en 0 --> (01) (within terminal)
1 Eobransamys rom 0 --> (01) (within terminal)
1 Pozomys ucalalie 0 --> (01) (within terminal)
1 Taraputomys mayo 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Thyromys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Bal uchi my bar ry 0 --> (01) (within terminal)
1 Hodsahibia azr ae 0 --> (01) (within terminal)
1 'Wasl amys attia 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Cana anmys maqui 0 --> (01) (within terminal)
1 node_201 1 ==> 0 node_198
1 node_130 0 --> 1 node_128
1 Protoste iromys 0 --> (01) (within terminal)
1 Eostei romys hom o 0 --> (01) (within terminal)
1 Neostei romys pat 0 --> (01) (within terminal)
1 Eret hi zon dorsi 0 --> (01) (within terminal)
1 Stei romys detent 0 --> (01) (within terminal)
1 Cha etomys subsp 0 --> (01) (within terminal)
1 Palaeo stei romys 0 --> (01) (within terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Lu antus proph eti 0 --> (01) (within terminal)
1 Aster omys punctu 0 --> (01) (within terminal)
1 Dolichotis pat ag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Dasyp rocta 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Dinomys bran c hki 0 --> (01) (within terminal)
1 Neopyle blem a ambr 0 --> (01) (within terminal)
1 Chinchilla lan ig 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Sclero mys praecu 0 --> (01) (within terminal)
1 Chambiraym s ship 0 --> (01) (within terminal)
1 Chamb iraym s sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys meghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucok ephalos ze 0 --> (01) (within terminal)
1 node_166 0 --> 1 node_165
1 Acaremys mur inus 0 --> (01) (within terminal)
1 Sciamys prin cipa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Mycastor coypus 0 --> (01) (within terminal)
1 P oechimy s cuv i e 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrysura 0 --> (01) (within terminal)

52 ( Mesophule on ) 0.643
Hsearch_Consensus.out
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygonomys 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 Abr ocoma bennett 0 --> (01) (within terminal)
1 Adelphomy can i 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus riugomez 0 --> (01) (within terminal)
1 Pam pamy emmons 0 --> (01) (within terminal)
1 Caviocrictus lu 0 --> (01) (within terminal)
1 Plesi acarechi 0 --> (01) (within terminal)
1 Mayomys conf luen 0 --> (01) (within terminal)
1 Eosallamys paul 0 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucaal 1 --> (01) (within terminal)
1 Tarapotomys maya 1 --> (01) (within terminal)
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 Thryonomys swind 1 --> (01) (within terminal)
1 Paraphi omys pigo 1 --> (01) (within terminal)
1 Metaphi omys scha 1 --> (01) (within terminal)
1 Baluchi mys barry 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 Bir balomys sonda 0 --> (01) (within terminal)
1 Tamqua mmys disp i 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 Ottomani praovi 0 --> (01) (within terminal)
1 Bugtymiys zafarul 0 --> (01) (within terminal)
1 Hodshibi a azrae 0 --> (01) (within terminal)
1 Cachi yacuy cont a 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protoste iromys m 0 --> (01) (within terminal)
1 Eoste iromys homo 0 --> (01) (within terminal)
1 Neos teiromys p a t 0 --> (01) (within terminal)
1 node_127 0 == 1 Steiromys detent
1 Hypsoste iromys a 0 --> (01) (within terminal)
1 Chaetotomys subsp i 0 --> (01) (within terminal)
1 Palaeoste iromys t erm i 0 --> (01) (within terminal)
1 Austral oprocta f 0 --> (01) (within terminal)
1 Aster omys punct u 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys entermed 0 --> (01) (within terminal)
1 N eoreomys austria 0 --> (01) (within terminal)
1 Brani samys 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 Neoepiblema amb r 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxime 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)

53 (Length of the ) 0.750

Pge p
Hsearch_Consensus.out

1 Eosteiromys homo 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteiromys 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 apera 1 --> (01) (within terminal)
1 Galea spixi 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomyms austra 1 --> (01) (within terminal)
1 Branisamys lurib 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 1 --> (01) (within terminal)
1 Micro scleromys 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neopili bema amb 1 --> (01) (within terminal)
1 Chinchilla lani g 1 --> (01) (within terminal)
1 Lagidium vis cac 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curr n 1 --> (01) (within terminal)
1 Eoviscaccia fra s 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambramyms ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambramyms 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 Deseadomyms aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sci amys princi pa 1 --> (01) (within terminal)
1 Wil liewu estepa 1 --> (01) (within terminal)
1 Prospaniomyms pri 1 --> (01) (within terminal)
1 Spaniomyms 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 aper e 1 --> (01) (within terminal)
1 Echimys chryscur 1 --> (01) (within terminal)
1 Makala didelph 1 --> (01) (within terminal)
1 Protadelpomys 1 --> (01) (within terminal)
1 Euryzygmatomys 1 --> (01) (within terminal)
1 Mesocapromys Mys 1 --> (01) (within terminal)
1 Xendontomyms si 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 can 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regul 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Plesi acarechimys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)

Pg p
Hsearch_Consensus.out

1 Pozomys ucayalie 1 --> (01) (within terminal)
1 node_202 1 ==> 0 Tarapotomys suba
1 Cachi yacuy kumme 1 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomyms pigo 0 --> (01) (within terminal)
1 Metaphiomyms scha 0 --> (01) (within terminal)
1 Baluchi mys barry 0 --> (01) (within terminal)
1 node_120 1 ==> 1 'Waslamys' attia
1 node_207 0 --> 1 Phiomys hammadai
1 node_147 0 ==> 2 node_146
1 node_160 0 ==> 2 Eoiecamys valver
1 Galileomys euryg 0 --> (02) (within terminal)
1 node_211 0 ==> 2 Acritophiomyms bo
1 Archetypomyms erl 0 --> (01) (within terminal)
1 Tribosphenomyms m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomyms sonda 0 --> (01) (within terminal)
1 Tamaquamys dispi 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Canaani mys maqui 0 --> (01) (within terminal)
1 node_205 0 ==> 1 node_204
1 Proststeiromys m 1 --> (01) (within terminal)
1 node_126 1 ==> 0 node_124
1 Eret hizon dorsat 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteiromys 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 0 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 node_140 1 --> 0 node_139
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Dinomys brazicki 1 --> (01) (within terminal)
1 node_148 1 ==> 0 node_147
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Sclero mys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Einncamys valver 1 --> (01) (within terminal)
1 Einncamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leuckekhalos ze 1 --> (01) (within terminal)
1 node_167 1 --> 0 node_166
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Prospaniomyms pri 1 --> (01) (within terminal)
1 Sponiomyms ripari 1 --> (01) (within terminal)
1 Myocastor copus 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 Echi mys chrysuru 1 --> (01) (within terminal)
1 Makalata di delph 1 --> (01) (within terminal)
1 Eurzygomatatomyms 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 bipl 1 --> (01) (within terminal)
1 Pitphanatomyms col 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor cuppus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito triolf 1 --> (01) (within terminal)
1 Thrichomys aper e 1 --> (01) (within terminal)
1 Echimys chrysura 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomat oms 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 Thrichomys aper e 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyan u 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Protisthions bow 1 --> (01) (within terminal)
1 Pampamys emmons a 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Myotis conflu e 1 --> (01) (within terminal)
1node_200 0 --> 1 node_199
1 Eobranisamy s rom 1 --> (01) (within terminal)
1 Pozomy s u cayali e 0 --> (01) (within terminal)
1 Cachi yacu cy kun me 0 --> (01) (within terminal)
1 Thy ronomys wind 0 --> (01) (within terminal)
1 Paraphomys pigo 0 --> (01) (within terminal)
1 Metaphomys scha 0 --> (01) (within terminal)
1 Baluchi mys bar ry 0 --> (01) (within terminal)
1 Arch etypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Ottomonia proa ve 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1node_207 1 --> 0 Phiomys hammudai
1 Cachi yacucy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaani mys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1node_123 1 --> 0 Branisa myopsis a
1 Erethizon dor sat 1 --> (01) (within terminal)
1node_130 1 --> 0 node_129
1 Palaeosteiromys 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 aust r a 1 --> (01) (within terminal)
1node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1node_154 1 --> 0 node_153
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)

Pge p

65 (Metacone-poste) 0.286
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<th>Species</th>
<th>Node</th>
<th>Within Terminal</th>
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<td>Tamqua mmys disp</td>
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<td>Ottomania proavi</td>
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<td>node_207</td>
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<td>node_206</td>
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<tr>
<td>Cachiyacuy conta</td>
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<tr>
<td>Eoespina woodi-E</td>
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<td>(01)</td>
</tr>
<tr>
<td>Canaani mys maqui</td>
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<td>== 0 node_141</td>
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</table>

66 (Fusion of the) 0.500

Pge p
Hsearch Consensus.out
1 Echimys chrysurus 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protodelphomys l 1 --> (01) (within terminal)
1 Euryzygomatomy 1 --> (01) (within terminal)
1 Mesocapromys 1 --> (01) (within terminal)
1 Xenodontomys 1 --> (01) (within terminal)
1 Ctenomys bolivi 1 --> (01) (within terminal)
1 Neophanomys 1 --> (01) (within terminal)
1 Protistomomys 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma m. 1 --> (01) (within terminal)
1 Adelphomys 1 --> (01) (within terminal)
1 Prostichomys 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamy 1 --> (01) (within terminal)
1 Caviocrictetus 1 --> (01) (within terminal)
1 Pleisacarechi 1 --> (01) (within terminal)
1 Sallamys 1 --> (01) (within terminal)
1 Mayomys 1 --> (01) (within terminal)
1 Eosallamys 1 --> (01) (within terminal)
1 Shapajamys 1 --> (01) (within terminal)
1 Eobranisamys 1 --> (01) (within terminal)
1 Eobranisamys 1 --> (01) (within terminal)
1 Pozomys 1 --> (01) (within terminal)
1 Cachiycuy 1 --> (01) (within terminal)
1 Thyrhonomys 1 --> (01) (within terminal)
1 Parapamys 1 --> (01) (within terminal)
1 Metaphiomys 1 --> (01) (within terminal)
1 Baluchi 1 --> (01) (within terminal)
1 node_219 0 --> 1
1 node_216 0 --> 1
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 node_207 0 --> 1
1 Cachiycuy 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteiromys 0 --> (01) (within terminal)
1 Palaeosteiromys 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 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 node_137 0 --> 1 Neoreomys austra
1 node_145 1 --> 0
1 Lagostomus 1 --> (01) (within terminal)
1 Eoivistaccia fras 1 --> (01) (within terminal)
1 Sticleromys 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 node_158 1 --> 0
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoivinca 1 --> (01) (within terminal)
1 Draconomys 1 --> (01) (within terminal)
1 Leucophaegalos ze 1 --> (01) (within terminal)
1 Prospaniomy 1 --> (01) (within terminal)
1 Spaniomy 1 --> (01) (within terminal)
1 Myocastor 1 --> (01) (within terminal)
1 Proechimys 1 --> (01) (within terminal)
1 Maruchito trilo 1 --> (01) (within terminal)
1 Thrichomys 1 --> (01) (within terminal)

68 (Metaloph on P4) 0.462
Hsearch_Consensus.out

1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Micriscleoromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomonomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys braniicki 0 --> (01) (within terminal)
1 Neoepiblema abram 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Laggium viscaca 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokophalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Desaedomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciamys principa 0 --> (01) (within terminal)
1 Williowu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor cyopus 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 Echimys chrys 0 --> (01) (within terminal)
1 Makalata di delph 0 --> (01) (within terminal)
1 Pthanthomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abdulmoun brent 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 riogomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocricitus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Mayomys conf 0 --> (01) (within terminal)
1 Eobrani samys rot 0 --> (01) (within terminal)
1 Pozomys acut 0 --> (01) (within terminal)
1 Taranatomys may 0 --> (01) (within terminal)
1 Thyronomys swind 0 --> (01) (within terminal)
1 Paraphimys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Tribosphenomy 0 --> (01) (within terminal)
1 Tamquammys dis 0 --> (01) (within terminal)
1 node_213 0 ==1 node_212
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodshibia azae 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)

71 (Direct metal op) 1.000
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<td>Gallileomys euryg</td>
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<td>Willidewu estepa</td>
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<td>Prospaniomyx priss</td>
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<td>Xenodontomys sim</td>
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<td>Ctenomys bolivie</td>
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<td>Spalacopus cyanu</td>
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<td>Abrocoma bennett</td>
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<td>Eosallamy paula</td>
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<td>Eobrani samys jav</td>
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Hsearch_Consensus.out

2 Chambiramys sylva 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Eoincamys ameghi 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
1 Acaremys murinus 2 --> (12) (within terminal)
2 Sciams principa 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
1 node_192 2 --> 1 node_191
1 node_187 1 --> 2 node_186
2 Maruchito trillof 2 --> (012) (within terminal)
1 node_171 2 --> 1 Thrichomys apere
2 Protadelphomyis l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
1 node_182 2 --> 1 node_181
2 Neophanomys Bipl 1 --> (012) (within terminal)
1 node_179 1 --> 2 Pithanotomys col
2 Abrocoma bennett 2 --> (012) (within terminal)
2 Adelphomyis candi 2 --> (012) (within terminal)
1 node_189 1 --> 2 Pampamys emmons
1 Caviocricketu lu 1 --> (12) (within terminal)
1 node_191 1 --> 0 Plesiacarechmys
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Pozomys ucayalie 2 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
1 node_208 1 --> 0 Thryonomys swind
1 Metaphiomys 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 dispi 1 --> (01) (within terminal)
1 Chapatti mys wil 1 --> (01) (within terminal)
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromyis m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamypsis a 1 --> (01) (within terminal)
1 Neosteiromyis pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australophocuta f 1 --> (01) (within terminal)
1 Asteromyx punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neoreomys austral 1 --> (01) (within terminal)

74 (Labial pericin) 1.000

Pge p
Hsearch_Consensus.out

2  Galea spixii 2 --> (012) (within terminal)
2  Neoreomys australis 2 --> (012) (within terminal)
1  node_140 2 --> 1 node_139
2  Cuniculus paca-t 1 --> (012) (within terminal)
2  Eoincamys pascua 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  Neopiblema 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  Garridomys curnu 2 --> (012) (within terminal)
2  Eoviscaccia fras 2 --> (012) (within terminal)
2  Scleromys praecu 2 --> (012) (within terminal)
2  Eoincamys parvus 2 --> (012) (within terminal)
2  Chambiramys sylv 2 --> (012) (within terminal)
2  Eoincamys valver 2 --> (012) (within terminal)
2  Eoincamys ameghi 2 --> (012) (within terminal)
2  Draconomys verai 2 --> (012) (within terminal)
2  Leucokcephalos ze 2 --> (012) (within terminal)
2  Platypittamys br 2 --> (012) (within terminal)
2  Deseadomys aramb 2 --> (012) (within terminal)
2  Sciomys prinicipa 2 --> (012) (within terminal)
2  Willidewu estepa 2 --> (012) (within terminal)
2  Maruchito trilof 2 --> (012) (within terminal)
2  Protadelphomys l 2 --> (012) (within terminal)
2  Mesocapromys/Mys 2 --> (012) (within terminal)
2  Xenodontomys sim 2 --> (012) (within terminal)
2  Ctenomys bolivie 2 --> (012) (within terminal)
2  Neophanomys bipl 2 --> (012) (within terminal)
2  Pithanotomys col 2 --> (012) (within terminal)

Pge p
Hsearch Consensus.out
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 Eobranisamys rom 2 --> (012) (within terminal)
2 Pozomys ucalialie 2 --> (012) (within terminal)
2 Cachiyacuy kumme 2 --> (012) (within terminal)

77 (Anterocingulum) 0.750
1 Archetypomyomys erl 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 Chapatti mus wils 1 --> (01) (within terminal)
1 node_213 1 --> 0 Ottomania proavi
1 Bugti mus zafarul 1 --> (01) (within terminal)
1 Hodsa hibia azrae 1 --> (01) (within terminal)
1 Phiomys hammodai 1 --> (01) (within terminal)
1 Canaan mus maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys hom 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erthizon dorsat 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Australianopost a 1 --> (01) (within terminal)
1 Asteromys punct 1 --> (01) (within terminal)
1 Dolicotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galea spixi i 1 --> (01) (within terminal)
1 Neoreomy austra 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
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1 Drytomyx aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomyx brancki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium vivacaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromyx osborn 1 --> (01) (within terminal)
1 Garridoxyx curru 1 --> (01) (within terminal)
1 Eoviscacia fras 1 --> (01) (within terminal)
1 Scleromyx praecu 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramyx sylv 1 --> (01) (within terminal)
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1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconemosis verai 1 --> (01) (within terminal)
1 Leucoscephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomyx aramb 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Protadelphomyx l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomyx sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
Hsearch_Consensus.out

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 Eobranisamy s rom 1 --> (01) (within terminal)
1 Pozomys uca yali e 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 node_218 0 --> 1 Coco mys lig chae n
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Chapatti mmys wils 0 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 node_212 1 --> 0 node_211
1 Phiomys hammu dai 0 --> (01) (within terminal)
1 Es e spinal pondi - E 0 --> (01) (within terminal)
1 Canaani my mags 0 --> (01) (within terminal)
1 node_130 0 --> 1 node_128
1 Protosteir omys mi 1 --> (01) (within terminal)
1 Eosteir omys hom 1 --> (01) (within terminal)
1 Branisamy mps a 1 --> (01) (within terminal)
1 Neosteir omys pat 1 --> (01) (within terminal)
1 E rethizon dor sat 1 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteir omys 0 --> (01) (within terminal)
1 Aust raloprocta f 0 --> (01) (within terminal)
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichomys pat 0 --> (01) (within terminal)
1 Hydrochero rus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spix ii 0 --> (01) (within terminal)
1 Neoreomys austria 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 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomy s aqua 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomy s brani cki 0 --> (01) (within terminal)
1 Neoe piblema ambr 0 --> (01) (within terminal)
1 Chinchilla lani g 0 --> (01) (within terminal)
1 Lagidium vis cac i 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garr idomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys prae c 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy s 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 Sciamys principa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Maruchito tri lof 0 --> (01) (within terminal)
1 Thricomys apere 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryz ygomat oms 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)
Hsearch_Consensus.out
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 Eosallamys_paula 0 --> (01) (within terminal)
1 Shapajamyis_laboc 0 --> (01) (within terminal)
1 Eobranisamyis_rom 0 --> (01) (within terminal)
1 Eobranisamyis_jav 0 --> (01) (within terminal)
1 Pozomys_ucayali 0 --> (01) (within terminal)
1 Cachiacaucus_kumme 0 --> (01) (within terminal)
1 Archetypomys_eri 0 --> (01) (within terminal)
1 Reithroparamys_d 0 --> (01) (within terminal)
1 Tamquaamyis_dispi 0 --> (01) (within terminal)
1 Chapatti mys_wils 0 --> (01) (within terminal)
1 Phiomys_hammudai 0 --> (01) (within terminal)
1 Canaanimys_maqui 0 --> (01) (within terminal)
1 Protosteiromys_m 0 --> (01) (within terminal)
1 Eosteiromys_homo 0 --> (01) (within terminal)
1 Branisamyopsis_ar 0 --> (01) (within terminal)
1 Neosteiromys_patm 0 --> (01) (within terminal)
1 Erethizon_dorsat 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta_f 1 --> (01) (within terminal)
1 Asteromys_punctu 1 --> (01) (within terminal)
1 Dolichotis_passa 1 --> (01) (within terminal)
1 Hydrochoerus_hyd 1 --> (01) (within terminal)
1 Caviaperrermiana 1 --> (01) (within terminal)
1 Galea_spixii 1 --> (01) (within terminal)
1 Perimys_intermed 1 --> (01) (within terminal)
1 Neoreomys_austr 1 --> (01) (within terminal)
1 Branisamyis_lurib 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus_paca-t 1 --> (01) (within terminal)
1 Eoincamys_pascua 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 Neoeptiblemama 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 Garridomys_curru 0 --> (01) (within terminal)
1 Eoviscacciafras 0 --> (01) (within terminal)
1 Schleromys_praecu 0 --> (01) (within terminal)
1 Eoincamys_parvus 0 --> (01) (within terminal)
1 Chambiramys_sylv 0 --> (01) (within terminal)
1 Eoincamys_valver 0 --> (01) (within terminal)
1 Eoincamys_ameghi 0 --> (01) (within terminal)
1 Draconomys_vera 0 --> (01) (within terminal)
1 Leucokephalos_z 0 --> (01) (within terminal)
1 Platypittamys_br 0 --> (01) (within terminal)
1 Deseadomys_aramb 0 --> (01) (within terminal)
1 Sciemyis_princip 0 --> (01) (within terminal)
1 Willi dewu_estepa 0 --> (01) (within terminal)
1 Proechimys_cuvie 0 --> (01) (within terminal)
1 Maruchitotrilof 0 --> (01) (within terminal)
1 Protadelphomyis_l 0 --> (01) (within terminal)
1 Mesocaprromys_MY 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 Pithanotomys_col 0 --> (01) (within terminal)
1 Octodon_degus 0 --> (01) (within terminal)
1 Spalacopus_cyanu 0 --> (01) (within terminal)
1 Pge p
Hsearch_Consensus.out

1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyss candi 0 --> (01) (within terminal)
1 node_200 0 --> 1 Shapajamyss laboc
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Pozomys ucataylai 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Archelypomys erl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Tamquamyss dispi 1 --> (01) (within terminal)
1 Chapatti mys wils 1 --> (01) (within terminal)
1 Philomys hammudai 1 --> (01) (within terminal)
1 Caneamemys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erithizon dorsat 1 --> (01) (within terminal)
1 Chaetomyss 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 Neoreomyss austra 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascu 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomyssaequa 1 --> (01) (within terminal)
1 Potamarchus mulri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoeplibema ambr 1 --> (01) (within terminal)
1 Chinilla lanig 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoiscaccia fras 1 --> (01) (within terminal)
1 Scleromys praeecu 1 --> (01) (within terminal)
1 node_157 1 --> 0 Chambiramys ship
1 Eoincamys paurbus 1 --> (01) (within terminal)
1 Chambiramys 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 Leucokephaloze 1 --> (01) (within terminal)
1 Platypittamyss br 1 --> (01) (within terminal)
1 Deseadomyss aramb 1 --> (01) (within terminal)
1 Selamyss principa 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Maruchito tri 1 --> (01) (within terminal)
1 Protadelphomys l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomyss sim 1 --> (01) (within terminal)
1 Ctenomyss bolivie 1 --> (01) (within terminal)
1 Neophanomyss 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 Adelphomyss candi 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucataylai 1 --> (01) (within terminal)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Archelypomys erl 0 --> (01) (within terminal)

80 (Outgrowth of t) 0.500
81 (Length of the ) 1.000
Hsearch Consensus.out

1 Abrocoma bennett 1 -> (01) (within terminal)
1 Adelphomyx canidi 1 -> (01) (within terminal)
1 Eobraniomys ron 1 -> (01) (within terminal)
1 Pozomys ucalayal 1 -> (01) (within terminal)
1 Cachi yacu kumme 1 -> (01) (within terminal)

84 (Orientation of) 0.471

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 Peri myx intermed 0 -> (01) (within terminal)
1 Dasyprocta 0 -> (02) (within terminal)
1 Incamyx bolivian 1 -> (12) (within terminal)
1 Acaronymys murinus 1 -> (12) (within terminal)
1 node_165 1 ==> 0 Gallileoymys euryg
1 node_168 1 ==> 2 Spaniomyx ripari
1 node_171 1 ==> 0 Thricomyx apere
1 node_172 1 ==> 2 Echi myx chrysuru
1 Makalata diaph 1 -> (01) (within terminal)
1 Sallamys pasuang 1 -> (01) (within terminal)
1 node_196 1 == 2 Mayomys confuyen
1 node_201 1 == 2 node_200
1 node_202 1 == 2 Tarapotomys suba
85 (Lingual protol) 0.500
1 Archytopomyx erl 0 -> (01) (within terminal)
1 node_217 0 -> 1 node_118
1 Reithropammys d 1 -> (01) (within terminal)
1 Tamquamyx dispi 0 -> (01) (within terminal)
1 Chapatti myx wilis 0 -> (01) (within terminal)
1 Phimyxs hammadai 0 -> (01) (within terminal)
1 Canan imys maqui 0 -> (01) (within terminal)
1 Protosteiromys m 0 -> (01) (within terminal)
1 Eosteiromys homo 0 -> (01) (within terminal)
1 Branisamyopsis a 0 -> (01) (within terminal)
1 Neosteiromys pat 0 -> (01) (within terminal)
1 Er ethiz on dorsat 0 -> (01) (within terminal)
1 Palaeosteiromys 0 -> (01) (within terminal)
1 Australoprocta f 0 -> (01) (within terminal)
1 Asteromyx punctu 0 -> (01) (within terminal)
1 Doli chotis 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 Peri myx intermed 0 -> (01) (within terminal)
1 Neoreomys aust 0 -> (01) (within terminal)
1 Cuniculus paca-t 0 -> (01) (within terminal)
1 node_195 0 -> 1 node_161
1 Eoincamys pascau 1 -> (01) (within terminal)
1 Scle ronymys angust 1 -> (01) (within terminal)
1 Drytomomys aequa 1 -> (01) (within terminal)
1 Potamazonus muri 1 -> (01) (within terminal)
1 Neopli bema anbr 1 -> (01) (within terminal)
1 Chinchilla lanig 1 -> (01) (within terminal)
1 Lagidium vis cac 1 -> (01) (within terminal)
1 Lagostomus maxim 1 -> (01) (within terminal)
1 Scle ronymys oso 1 -> (01) (within terminal)
1 Garridomys curnu 1 -> (01) (within terminal)
1 Eo visaccia fras 1 -> (01) (within terminal)
1 Scle ronymys praecu 1 -> (01) (within terminal)
1 Eoincamys parvus 1 -> (01) (within terminal)
1 Chambiramys 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 Leucokcephalos ze 0 -> (01) (within terminal)
1 Platypittamys br 0 -> (01) (within terminal)
1 Deseadomys aramb 0 -> (01) (within terminal)
1 Sci amys principa 0 -> (01) (within terminal)
1 Willidewu estepa 0 -> (01) (within terminal)
1 Marutchito trilof 0 -> (01) (within terminal)

Pge p
<table>
<thead>
<tr>
<th>Species</th>
<th>Clade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrichomys apere</td>
<td>(01) within terminal</td>
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<tr>
<td>Echimys chrysura</td>
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<tr>
<td>Makalata didelph</td>
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<tr>
<td>Protadelphomys</td>
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<tr>
<td>Euryzygomatomys</td>
<td>(01) within terminal</td>
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<tr>
<td>Mesocapromys/Mys</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Ctenomys bolivi</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neophanomys bipl</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Pithanotomys col</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Octodon degus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Spalacopus cyanu</td>
<td>(01) within terminal</td>
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<tr>
<td>Abrocoma bennett</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Adelphomys candi</td>
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<td>Prostichomys bow</td>
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<td>Stichomys regul</td>
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<td>Pampamyx emmons</td>
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<tr>
<td>Eobr stephanoxyjov</td>
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<tr>
<td>Eobr stephanoxyjov jav</td>
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<td>Canchiyacuy kumme</td>
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<td>Paraphiromys pig</td>
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<tr>
<td>Archetypomys erl</td>
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<tr>
<td>Reithroparamys d</td>
<td>(012) within terminal</td>
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<tr>
<td>Birbalomys sonda</td>
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<tr>
<td>Tamquammus disp</td>
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<tr>
<td>Chapattiyus wils</td>
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<tr>
<td>Phiomys hammudai</td>
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<tr>
<td>Canananimys maqui</td>
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<tr>
<td>Protosteiozymys m</td>
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<tr>
<td>Eosteiozymys homo</td>
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<tr>
<td>Branisamymops a</td>
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<tr>
<td>Neosteiozymys pat</td>
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<tr>
<td>Erethizon dorsat</td>
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<td>Palaeosteiozymys</td>
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<td>Australoprocta f</td>
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<td>Dolichotis patag</td>
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<td>Hydrochoerus hyd</td>
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<td>Cavia aperea</td>
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<td>Galea spixii</td>
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<td>Neoreomys austre</td>
<td>(012) within terminal</td>
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<tr>
<td>Cuniculus paca-t</td>
<td>(012) within terminal</td>
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</tbody>
</table>
Hsearch_Consensus.out

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 Neoeptilema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Eoincamys ameghi 2 --> (012) (within terminal)
2 Draconomys verai 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Sciamy principa 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
1 Spaniomys ripari 2 --> (12) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)

Pge p


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<thead>
<tr>
<th>Species</th>
<th>Node</th>
<th>Development of</th>
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<tbody>
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<td>Mesocapromys/Mys</td>
<td>0 --&gt; (01) (within terminal)</td>
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<tr>
<td>Xenodontomys sim</td>
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<tr>
<td>Ctenomys bolivie</td>
<td>1 --&gt; (01) (within terminal)</td>
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<td>Neophanomys bipl</td>
<td>1 --&gt; (01) (within terminal)</td>
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<tr>
<td>Octodon degus</td>
<td>1 --&gt; (01) (within terminal)</td>
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<tr>
<td>Abracoma bennett</td>
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<td>Adelphomys candi</td>
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<td>Eobranisamys rom</td>
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<td>Pozomys ucaialie</td>
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<td>Cachiyaucuy kumme</td>
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<td>Baluchmys barry</td>
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<td>Archetypomys erl</td>
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<tr>
<td>Reithroparamys d</td>
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<tr>
<td>Tamqua ammys dispi</td>
<td>0 --&gt; (01) (within terminal)</td>
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<tr>
<td>Chapattimys wils</td>
<td>0 --&gt; (01) (within terminal)</td>
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<tr>
<td>node 211 0 ==&gt;&gt; 1 node 210</td>
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<tr>
<td>Phiomys hammudai</td>
<td>1 --&gt; (01) (within terminal)</td>
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<tr>
<td>Canaanimys maqui</td>
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<tr>
<td>Protosteirmys m</td>
<td>1 --&gt; (01) (within terminal)</td>
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<tr>
<td>Eoesteirmys homo</td>
<td>1 --&gt; (01) (within terminal)</td>
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<tr>
<td>Braniomysopsisa</td>
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2  Canaani[mys maqui 0 --> (012) (within terminal)
2  Protoste[romys m 0 --> (012) (within terminal)
2  Eoste[romys homo 0 --> (012) (within terminal)
2  Branisamy[psi a 0 --> (012) (within terminal)
2  Neoste[romys pat 0 --> (012) (within terminal)
2  Erethiz[on dorsat 0 --> (012) (within terminal)
2  Palaeoste[romys 0 --> (012) (within terminal)
2  Australoproct[af 0 --> (012) (within terminal)
2  Asteromys punctu 0 --> (012) (within terminal)
2  Dolicht[is patag 0 --> (012) (within terminal)
2  Hydrochoerus hyd 0 --> (012) (within terminal)
2  Cavia aper[ea 0 --> (012) (within terminal)
2  Galea spixii 0 --> (012) (within terminal)
2  Neoreomys aust[ir 0 --> (012) (within terminal)
2  Dasyprocta 0 --> (012) (within terminal)
2  Cuniculus paca-t 0 --> (012) (within terminal)
2  Eoincamys pascua 0 --> (012) (within terminal)
2  Microscleromys p 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  Neoe[iblema ambr 0 --> (012) (within terminal)
2  Chinchilla lanig 0 --> (012) (within terminal)
2  Lagidium viscac 0 --> (012) (within terminal)
2  Lagostom[us max[ir 0 --> (012) (within terminal)
2  Scleromys osborn 0 --> (012) (within terminal)
2  Garridomys curnu 0 --> (012) (within terminal)
2  Eovis[accia fras 0 --> (012) (within terminal)
2  Scleromys praecu 0 --> (012) (within terminal)
2  Eoinca[mys parvus 0 --> (012) (within terminal)
2  Chambira[mys sylv 0 --> (012) (within terminal)
Hsearch_Consensus.out
1  node_212 0 ==> 1 node_120
1  Hodsdahibia ażrae 1 --> (01) (within terminal)
1  node_120 1 ==> 2 'Waslamys' attia
2  Phiomys hammułai 0 --> (012) (within terminal)
1  Cachiyaçu conta 0 --> (01) (within terminal)
2  Eoespina woodi-E 0 --> (012) (within terminal)
2  Canaani mys maqui 0 --> (012) (within terminal)
1  node_130 0 --> 1 node_128
2  Protosteiromys m 1 --> (012) (within terminal)
2  Eosteiromys hom 1 --> (012) (within terminal)
2  Branisamyops a 1 --> (012) (within terminal)
2  Neosteiromys pa 1 --> (012) (within terminal)
2  Er ethizon dorsat 1 --> (012) (within terminal)
2  Palaeosteiromys 0 --> (012) (within terminal)
2  Australoprocta f 0 --> (012) (within terminal)
2  Asteromys punct 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 pacat 0 --> (012) (within terminal)
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2  Eoincamys paścu 1 --> (012) (within terminal)
2  Microscleromys p 1 --> (012) (within terminal)
1  node_153 1 --> 0 node_150
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2  Scleromys osborn 0 --> (012) (within terminal)
2  Garridomys curnu 1 --> (012) (within terminal)
Hsearch Consensus.out

2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 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
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2 Deseadomys aramb 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatmys 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 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)
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1 node_193 1 ==> 0 Sallamys pascua
1 Mayomys confluen 1 --> (12) (within terminal)
1 node_201 0 --> 1 node_200
2 Eobrani samys rom 1 --> (012) (within terminal)
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99 (Third crest (m) 0.500)

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Hsearch_Consensus.out

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1 Cuniculus pacat 1 --> (01) (within terminal)
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100 (Mesolph on D) 0.429
Hsearch_Consensus.out

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101 (Length of the) 1.000

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Hsearch_Consensus.out

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1 Pithanomys col 0 --> (01) (within terminal)
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1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoeopbilema ambri 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 Garridomys currnu 0 --> (01) (within terminal)
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1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys aegh 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucopephalos zee 0 --> (01) (within terminal)
1 Platyptammus br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Sciamys princip 0 --> (01) (within terminal)
1 Willi dew estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomyss prip 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thricomys apere 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys 0 --> (01) (within terminal)
1 Eurvyzygomatymys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontoymys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pitphanomys col 0 --> (01) (within terminal)
1 Octodon degu 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Dudumus rii gomez 0 --> (01) (within terminal)
1 Pampamyss emmons 0 --> (01) (within terminal)
1 Sallamyss pascua 0 --> (01) (within terminal)
1 Mayomyss conflu 0 --> (01) (within terminal)
1 Eobraniams rom 0 --> (01) (within terminal)
1 Pozomyss ucyai 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
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1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 node 219 0 --> (01) (within terminal)
1 Reithroparamyss 0 --> (01) (within terminal)
1 Tamquammys dysi 0 --> (01) (within terminal)
1 Chapattimys wi 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
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1 Eosteiromys homo 0 --> (01) (within terminal)
1 Braniamsamyss 0 --> (01) (within terminal)
1 Neosteirons pat 0 --> (01) (within terminal)
1 Eretithizon dorsat 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoproctas 0 --> (01) (within terminal)
1 Asteromys punct 0 --> (01) (within terminal)
1 Dolichostis patag 0 --> (01) (within terminal)

105 (Hypocone on D) 1.000

Pge p
Hsearch_Consensus.out

1 Xenodontomys sim 0 --> (01) (within terminal) 
1 Ctenomys bolivio 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 Eobranisamys rom 0 --> (01) (within terminal) 
1 Pozomys uccayalie 0 --> (01) (within terminal) 
1 Cachi yacuy kumme 0 --> (01) (within terminal) 
1 Baluchmys barry 0 --> (01) (within terminal) 
1 Archetypomys erl 0 --> (01) (within terminal) 
1 Tribosphenomys m 0 --> (01) (within terminal) 
1 Cocomyx ligchael 0 --> (01) (within terminal) 
1 Reithroparamys d 0 --> (01) (within terminal) 
1 Birbalomyx sonda 0 --> (01) (within terminal) 
1 Tamqua myx dispi 0 --> (01) (within terminal) 
1 Chattami myx wil 0 --> (01) (within terminal) 
1 Ottomania proavi 0 --> (01) (within terminal) 
1 Bugtmyx safarul 0 --> (01) (within terminal) 
1 Hodsa bibia azae 0 --> (01) (within terminal) 
1 'Waslamyx' attia 0 --> (01) (within terminal) 
1 Phio myx hammadai 0 --> (01) (within terminal) 
1 Canaani myx maqui 0 --> (01) (within terminal) 
1 node_204 0 --> 1 node_201 
1 node_198 1 --> 0 node_141 
1 Protosteir myx m 0 --> (01) (within terminal) 
1 Eosteir myx homo 0 --> (01) (within terminal) 
1 Branisamyopsis a 0 --> (01) (within terminal) 
1 Neosteir myx pat 0 --> (01) (within terminal) 
1 Erethizon dorsat 0 --> (01) (within terminal) 
1 node_130 0 --> 1 node_129 
1 Chaetomys subspi 1 --> (01) (within terminal) 
1 Palaesei tromys 0 --> (01) (within terminal) 
1 Australoprocta f 0 --> (01) (within terminal) 
1 Steromyx punct 0 --> (01) (within terminal) 
1 Dolichotis patag 0 --> (01) (within terminal) 
1 Hydrochoerus hyd 0 --> (01) (within terminal) 
1 Cavia apera 0 --> (01) (within terminal) 
1 Galea spixii 0 --> (01) (within terminal) 
1 Neoreomyx austra 0 --> (01) (within terminal) 
1 Cuniculus paca-t 0 --> (01) (within terminal) 
1 Eoincamys pascau 1 --> (01) (within terminal) 
1 Incamys bolivian 1 --> (01) (within terminal) 
1 Scleromyx angust 1 --> (01) (within terminal) 
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1 Potamarchus muri 1 --> (01) (within terminal) 
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1 Chinchilla lanig 1 --> (01) (within terminal) 
1 Lagidium viscas 1 --> (01) (within terminal) 
1 Lagostomus maxim 1 --> (01) (within terminal) 
1 Scleromyx osborn 1 --> (01) (within terminal) 
1 Garridomyx curru 1 --> (01) (within terminal) 
1 Eoviscaccia fras 1 --> (01) (within terminal) 
1 Scleromyx praecu 1 --> (01) (within terminal) 
1 Chambiramys ship 1 --> (01) (within terminal) 
1 Eoincamys parvus 1 --> (01) (within terminal) 
1 Chambiramys sylv 1 --> (01) (within terminal) 
1 Eoincamys valver 1 --> (01) (within terminal) 
1 Eoincamys ameghi 1 --> (01) (within terminal) 
1 node_195 0 --> 1 node_194 
1 Draconymys verai 0 --> (01) (within terminal) 
1 Leucokephalos ze 0 --> (01) (within terminal) 
1 Platypittamyx br 0 --> (01) (within terminal) 
1 Deseadomyx aramb 0 --> (01) (within terminal) 
1 node_164 0 --> 1 Acaremys murinus 
1 Galileomyx euryg 0 --> (01) (within terminal) 

109 (Pronounced AA) 0.333
Hsearch_Consensus.out

1 Platypitthus br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Sciamys principa 1 --> (01) (within terminal)
1 Galileomyx euryx 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 Myocastor cuppus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrysuro 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
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1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys canid 1 --> (01) (within terminal)
1 Protichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Pampamyx emmonsa 1 --> (01) (within terminal)
1 Plesiacerchiomys 1 --> (01) (within terminal)
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eobranisamyx rom 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
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1 Branisamyops a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorj 1 --> (01) (within terminal)
1 Coendou prehens 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
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1 Australoproctaf 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 apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
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1 Neoreomys austra 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamyx pascua 1 --> (01) (within terminal)
1 Microriscleomys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
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1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema ambr 1 --> (01) (within terminal)
1 Chinchiilla lani g 1 --> (01) (within terminal)
1 Lagidium vizcac 1 --> (01) (within terminal)

112 Development o 1.000

Page p
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2 Scleromys angust 1 --> (012) (within terminal)
2 Drytomomys aequa 1 --> (012) (within terminal)
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2 Platypittamys br 2 --> (012) (within terminal)
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2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
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2 Spaniomes ripari 2 --> (012) (within terminal)
2 Myocastor coypus 2 --> (012) (within terminal)
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2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys aper 2 --> (012) (within terminal)
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Hsearch_Consensus.out

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1 Australoprocta 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)
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1 Braniamsys lurib 1 --> (01) (within terminal)
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1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lani 0 --> (01) (within terminal)
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1 Lagostomus maxim 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys meghiti 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Prodelphomys l 0 --> (01) (within terminal)
1 Euryzygomaticoms 0 --> (01) (within terminal)
1 Mesocapromyss/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neopanomys bipl 0 --> (01) (within terminal)
1 Pithanomys 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 canidi 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Eobraniamsys rom 1 --> (01) (within terminal)
1 Pozomys ucayalies 1 --> (01) (within terminal)
1 node_202 1 ==> 0 Tarapatomys suba
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Wasiamyx atta 1 --> (01) (within terminal)
1 node_212 1 --> 0 node_211
1 Phiomys hammudi 0 --> (01) (within terminal)
1 Cananioms maqui 0 --> (01) (within terminal)
1 Prodelphomys m 0 --> (01) (within terminal)
1 Braniamsys homo 0 --> (01) (within terminal)
1 Braniamsyopsis a 0 --> (01) (within terminal)

Pge p

116 (Posterior arm) 0.667
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1 Erethizon dorsat 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 Palaeosteirymys 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 apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Pernymys intermed 0 --> (01) (within terminal)
1 Neoreomys austr 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)
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1 Dinomys branicki 0 --> (01) (within terminal)
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1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vissaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praeccu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokhephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Williademw estepa 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Protadolphomys l 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 biipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyaneu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomys candi 0 --> (01) (within terminal)
1 Eobranisamyssrom 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thyrohynomysswind 0 --> (01) (within terminal)
1 Paraphiomyss pigo 0 --> (01) (within terminal)
1 Archetypomys efl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapatti mys wils 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Canaanmys magui 0 --> (01) (within terminal)
117 (Lingual spur ) 0.667
Hsearch_Consensus.out

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 Abr ocoma bennett 1 --> (01) (within terminal)
1 Adelphomy s candi 1 --> (01) (within terminal)
1 Prostichomy s bow 1 --> (01) (within terminal)
1 Stichomy s regul a 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pamp amys emmonsa 1 --> (01) (within terminal)
1 Cav io cr icetus lu 1 --> (01) (within terminal)
1 Plesi acarechimys 1 --> (01) (within terminal)
1 Mayomys conf lu e 1 --> (01) (within terminal)
1 Eobranisamy s rom 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacu kumme 1 --> (01) (within terminal)
120 (*Size of M1/M) 0.125
2 Archetypomys erl 1 --> (012) (within terminal)
2 Co comys lig ch aen 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
1 node_213 1 --> 0 node_212
2 Bug timys za far ul 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
1 node_211 0 --> 1 node_210
2 Phiomys hammüdai 1 --> (012) (within terminal)
2 Cachi yacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromy s m 1 --> (012) (within terminal)
2 Branisamypopsis a 0 --> (012) (within terminal)
1 node_124 1 --> 0 node_123
1 node_127 1 ==> 0 Steiromy s detent
1 node_130 1 --> 2 node_129
2 Hypsosteiromy s a 2 --> (012) (within terminal)
2 Palaeosteirom ys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Asteromy s punctu 1 --> (012) (within terminal)
1 node_139 1 ==> 0 Cuniculus paca-t
2 Eoincamys paścua 1 --> (012) (within terminal)
2 Microsclerom ys p 1 --> (012) (within terminal)
2 Sclerom ys quadra 1 --> (012) (within terminal)
2 Sclerom ys angust 1 --> (012) (within terminal)
1 node_144 1 ==> 0 Potamarchus muri
2 Sclerom ys osBorn 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
Pge p
Hsearch_Consensus.out

2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
1 node_163 1 ==> 0 Platypittamys br
2 Galileomys euryg 1 --> (012) (within terminal)
1 node_167 1 ==> 0 Willidewu estepa
1 node_169 1 ==> 0 node_168
2 Maruchito trif 1 --> (012) (within terminal)
1 node_174 1 ==> 0 Protadelphomys l
2 Neophanomys bipl 1 --> (012) (within terminal)
1 node_185 1 ==> 0 Adelphomys candi
2 Dudumus ruigomez 1 --> (012) (within terminal)
1 node_191 1 ==> 0 Plesiacarechimys
2 Mayomys confluen 1 --> (012) (within terminal)
1 node_197 1 --> 0 Eosallamys paula
1 node_201 1 --> 0 node_200
2 Shapajamys laboc 0 --> (012) (within terminal)
2 Eobranisamys jav 0 --> (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 Cachiyacuy kumme 1 --> (012) (within terminal)
1 node_208 1 --> 0 Thryonomys swind
2 Baluchimys barry 1 --> (012) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
1 node_209 1 --> 0 node_207
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiyacuy conta 0 --> (012) (within terminal)
Hsearch_Consensus.out

terminal)

2 Eoespina woodi - E 0 --> (012) (within terminal)
2 Canaaniomys maqui 0 --> (012) (within terminal)
2 Protosteirorny m 0 --> (012) (within terminal)
1 node_127 0 --> 1 node_126
2 Branisamypsis a 1 --> (012) (within terminal)
1 node_125 1 ==> 2 Erethizon dorsat
2 Hypsosteirorny a 0 --> (012) (within terminal)
2 Palaeosteirorny s 0 --> (012) (within terminal)
1 node_138 0 --> 1 node_137
2 Australoproctaf 1 --> (012) (within terminal)
1 node_137 1 --> 2 node_136
2 Luantus propheta 2 --> (012) (within terminal)
2 Asteromys punctu 2 --> (012) (within terminal)
1 node_139 0 --> 1 Dasyprocta
1 node_198 0 --> 1 node_197
2 Eoincamys pacua 1 --> (012) (within terminal)
1 node_154 1 --> 0 node_142
2 Microscleromys p 0 --> (012) (within terminal)
1 node_153 1 --> 2 node_150
2 Scleromys quadra 2 --> (012) (within terminal)
2 Scleromys angust 2 --> (012) (within terminal)
1 node_144 2 ==> 1 Drytomomys aequa
2 Scleromys osborn 2 --> (012) (within terminal)
2 Eovicaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
1 node_194 1 --> 2 node_162
2 Leucokephalo ze 2 --> (012) (within 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) (within terminal)
1 node_190 0 --> 1 node_189
2 Maruchito trilof 1 --> (012) (within terminal)
1 node_171 1 ==> 0 Thrichomys aper
1 node_174 1 ==> 0 Protadelphomys
1 node_177 1 ==> 0 Ctenomys bolivi
2 Neophanomys bipl 1 --> (012) (within terminal)
Hsearch_Consensus.out

1 Maruchito trilof 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)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomaticomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomyss sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neopanomys 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 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Caviocricotus lu 0 --> (01) (within terminal)
1 Plesiaca rechi 0 --> (01) (within terminal)
1 Sallamys pas cual 1 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayalie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Archetytompys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_216 0 --> 1 node_215
1 Chapattimys wils 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azr 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Phiomys hammu 0 --> (01) (within terminal)
1 Canaahmy maqui 1 --> (01) (within terminal)
1 Protoste r omys m 1 --> (01) (within terminal)
1 Neoste r omys pat 1 --> (01) (within terminal)
1 Ethison dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Stei romys detent 1 --> (01) (within terminal)
1 Hypsoste r omys a 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeoste r omys 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 Doli chotis 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 inter med 1 --> (01) (within terminal)
1 Neoreomys aust r 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca t 1 --> (01) (within terminal)
1 Micro scleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Drytomomys æqua 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branc iki 1 --> (01) (within terminal)
1 Neoepiblema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)

126 (Height the pa) 1.000

Pge p
Hsearch_Consensus.out

1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praeCU 1 --> (01) (within terminal)
1 Eoinca my s valver 1 --> (01) (within terminal)
1 Eoinca my s a meghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokcephalis ze 1 --> (01) (within terminal)
1 Platypit tamous br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Acar emys murin us 1 --> (01) (within terminal)
1 Sciam ys prin cip a 1 --> (01) (within terminal)
1 Galileomy s euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Pros paniomy s pri 1 --> (01) (within terminal)
1 Spaniomy s ripari 1 --> (01) (within terminal)
1 Myocastor cuppus 1 --> (01) (within terminal)
1 Maruch om ys tri lof 1 --> (01) (within terminal)
1 Thrichom ys apere 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makalata dide ph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomat omy s 1 --> (01) (within terminal)
1 Mesocapromys / Mys 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenomy s bolivi e 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 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus rui go me 1 --> (01) (within terminal)
1 Pamapmys emmon sa 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Pozomys ucayal i e 1 --> (01) (within terminal)
1 Tarapotomys suba 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 Baluchimys barry 1 --> (01) (within terminal)

127 (Anterostyle o) 0.333

Pge p
Hsearch_Consensus.out

1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Myocastor cyprus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys chrysur 0 --> (01) (within terminal)
1 Makalata didelph 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 Adelphomyx candi 0 --> (01) (within terminal)
1 Prostichomyx bow 0 --> (01) (within terminal)
1 Stichomyx regula 0 --> (01) (within terminal)
1 node_215 0 ==> 1 node_214
1 Ottomania pröavi 1 --> (01) (within terminal)

1 Asteromys punctu 2 --> (012) (within terminal)
1 Dolichotis patag 2 --> (012) (within terminal)
1 Hydrochoerus hyd 2 --> (012) (within terminal)
1 Cavia aperea 2 --> (012) (within terminal)
1 Galea spixii 2 --> (012) (within terminal)
1 Lagostomus maxim 2 --> (012) (within terminal)
1 Eoviscaccia fras 2 --> (012) (within terminal)
1 Leucokcephalos ze 2 --> (012) (within terminal)
1 Xenodontomys sim 2 --> (012) (within terminal)
1 Ctenomys bolivie 2 --> (012) (within terminal)
1 Neophanomys bipl 2 --> (012) (within terminal)
1 Pithanotomys col 2 --> (012) (within terminal)
1 Octodon degus 2 --> (012) (within terminal)
1 Spalacopus cyanu 2 --> (012) (within terminal)
1 Abrocoma bennett 2 --> (012) (within terminal)
1 Ottomania pröavi 2 --> (012) (within terminal)
1 Asteromys punctu 2 --> (012) (within terminal)
1 Dolichotis patag 2 --> (012) (within terminal)
1 Hydrochoerus hyd 2 --> (012) (within terminal)
1 Cavia aperea 2 --> (012) (within terminal)
1 Galea spixii 2 --> (012) (within terminal)
1 Lagostomus maxim 2 --> (012) (within terminal)
1 Eoviscaccia fras 2 --> (012) (within terminal)
1 Leucokcephalos ze 2 --> (012) (within terminal)
1 Xenodontomys sim 2 --> (012) (within terminal)
1 Ctenomys bolivie 2 --> (012) (within terminal)
1 Neophanomys bipl 2 --> (012) (within terminal)
1 Pithanotomys col 2 --> (012) (within terminal)

128 (*Anterocingul) 0.750

129 (Length of the) 0.250

1 node_218 0 --> 1 Cocomys ligmaen
1 node_217 0 --> 1 node_118
1 node_215 0 --> 1 Ottomania pröavi
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 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokcephalos ze 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)

Pge p
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 Ottomania proavi
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 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokcephalos ze 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)

134 (Anterior arm) 1.000

1 node_213 0 --> 1 node_212
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Braniasamyosis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Chaetomys subspl 1 --> (01) (within terminal)
1 Palaeosteiromys terminal 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 Neoreomys austral 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 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neopepiblemma 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praece 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys meghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acanthomys murinus 1 --> (01) (within terminal)
1 Sciomy amprincipa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
Hsearch_Consensus.out
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Myocastor corpus 1 --> (01) (within terminal)
1 Proechimys cuvieve 1 --> (01) (within terminal)
1 Maruchitotriloph 1 --> (01) (within terminal)
1 Thrichomys apera 1 --> (01) (within terminal)
1 Echimys chrysur 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzygomatys 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 bipil 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 candid 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus riuigomez 1 --> (01) (within terminal)
1 Pampamyss emmons 1 --> (01) (within terminal)
1 Caviocricketus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Pallamys pascual 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Eobransamyss rom 1 --> (01) (within terminal)
1 Eobransamyss jav 1 --> (01) (within terminal)
1 Pozomys ucayalie 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachiacyucumum 1 --> (01) (within terminal)
1 Thryonomys swind 1 --> (01) (within terminal)
1 Paraphiomys pig 1 --> (01) (within terminal)
1 node_215 0 --> 1 node_214
1 node_213 1 --> 0 Ottomania proavi
1 node_213 1 ==> 2 node_212
1 node_119 2 ==> 1 Hodsahiabia azrae
2 Asteromys puncu 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 Galea spixii 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Leucokhephalos ze 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipil 2 --> (012) (within terminal)
2 Pithanotomys 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)
Pge p

135 (*Protocone co) 0.500
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143 (Thickness of) 0.643
Hsearch_Consensus.out

145 (Labial proto) 1.000
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tamqua amys disp i 0 --> (01) (within terminal)
1 Asteromys punct u 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia a perea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 node_174 0 --> 1 Eurzygomaticys
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithecomomys 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)
146 (Orientation o) 0.814
1 node_207 0 --> 1 node_206
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 node_141 1 --> 2 node_130
1 Branisamysop 1 a 2 --> (12) (within terminal)
1 Erethizon dorsat 2 --> (12) (within terminal)
1 Coendou prehensi 2 --> (12) (within terminal)
1 Hypsosteir omys a 2 --> (12) (within terminal)
1 node_129 2 --> 0 Chaetomys subsp 1
1 node_141 1 --> 0 node_140
2 Australoprocta f 0 --> (012) (within terminal)
1 Branisamys lurib 0 --> (01) (within terminal)
1 Dasyprocta a 0 --> (02) (within terminal)
1 Incamys bolivi 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 node_152 1 --> 2 Garridomy s curnu
1 Scleromys prae 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Platyptittamys br 1 --> (12) (within terminal)
1 node_164 1 --> 0 Acaremys murinus
1 Willidewu estepa 1 --> (12) (within terminal)
1 node_187 1 --> 2 Prospaniomys pri
1 Spaniomy s ripari 1 --> (12) (within terminal)
1 node_169 1 --> 0 Proechimys cuvie
1 Maruchito tr ilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 node_174 1 --> 0 Eurzygomaticys
1 MesocapromysT Mys 1 --> (01) (within terminal)
1 Dudumus rugomez 1 --> (12) (within terminal)
1 Pampamys emmonsa 1 --> (12) (within terminal)
1 Plesiacarechimys 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 Ebbranisamys rom 1 --> (01) (within terminal)
1 Ebbranisamys jav 1 --> (01) (within terminal)
1 node_203 1 --> 2 Pozomys ucayali e
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 Canaani my s maqui
1 node_124 0 --> 1 node_123
1 Neosteir omy s pat 1 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Asteromys punct u 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
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 lurib
1 node_160 0 ==> 1 node_159
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Evoissaccia fras 1 --> (01) (within terminal)
1 Evoissaccia aust 1 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Protadelphomyss l 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 node_200 0 ==> 1 node_199
1 node_203 0 ==> 1 Pozomys ucanali
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 node_215 1 ==> 2 node_214
2 Canaanmys maqui 2 --> (012) (within terminal)
2 Branisamyopsis a 2 --> (012) (within terminal)
2 Neosteiromys 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)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Branisamys lurib 2 --> (012) (within terminal)
2 node_140 2 --> 0 node_139
2 Dasyprocta 0 --> (012) (within terminal)
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Incamys bolivi 2 --> (012) (within terminal)
2 Micro scleromys 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)

148 (*Height of th) 0.571
Pge p
2 Spalacopus cyanus 1 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Pampamys emmons 2 --> (012) (within terminal)
2 Caviocterus lu 2 --> (012) (within terminal)
2 Plesiacarechimys 2 --> (012) (within terminal)
1 Mayomys confluen 2 --> (12) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys uca 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)

149 (Length of the) 0.800
Hsearch_Consensus.out

1 Pozomys ucayalie 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 hamrudai 2 --> (12) (within terminal)
2 Canaaniomys maqui 2 --> (012) (within terminal)
2 Branisamyopsis 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 apera 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Branisamyx lurib 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 braniicki 2 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Chambiramys sylv 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 bolivie 2 --> (012) (within terminal)
2 Neophanomys bpl 2 --> (012) (within terminal)
2 Pithanotomys 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)
1 node_185 2 ==> 1 node_184
1 Prostichomys bow 1 --> (01) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucalie 2 --> (012) (within terminal)
1 Paraphiomys pigo 2 --> (12) (within terminal)
1 Metaphiomys scla 2 --> (12) (within terminal)
1 Acritophiomys bo 2 --> (12) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Eoespin a woodi-E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 node_137 0 ==> 1 Australoprocta f
1 Asteromys punc 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Ca vi a aper a 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermedi 0 --> (01) (within terminal)
1 node_138 0 ==> 1 Branisamys lurib
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 node_161 0 ==> 1 node_160
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (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 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Leucok ephalos ze 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 node_174 0 ==> 1 Protadelphomy s
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bpl 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 Plesiacarechimys 0 --> (01) (within terminal)
1 node_200 0 ==> 1 node_199
1 node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
1 node_215 1 ==> 2 node_214
1 Canaanimys maqui 2 --> (12) (within terminal)
2 Branisamys pres 2 --> (012) (within terminal)

151 (Lingual proto) 0.400

152 (*Height of th) 0.667
Hsearch_Consensus.out

2 Neosteiromys pat 2 --> (012) (within terminal)
1 node_130 2 --> 1 node_129
2 Chaetomys subsp 1 --> (012) (within terminal)
2 Australoprocta f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
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 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austral 2 --> (012) (within terminal)
2 Branisamys lurib 2 --> (012) (within terminal)
2 Dasyprocta 2 --> (012) (within terminal)
2 Cuniculus paca-t 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 branicki 2 --> (012) (within terminal)
2 Neoeptilema 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 Garridomys curru 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
Hsearch Consensus.out

2 Chambiramys sylv 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (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 Acaremys murinus 2 --> (012) (within terminal)
2 Sciamys principa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
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2 Myocastor coypus 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apere 0 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 Caviocrictus lu 2 --> (012) (within terminal)
2 Plesiacarechimys 2 --> (012) (within terminal)
1 Mayomys confluen 2 --> (121) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Pozomys ucayalie 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Dolichotis patag 2 --> (012) (within terminal)
2 Hydrochoerus hyd 2 --> (012) (within terminal)
2 Cavia aperea 2 --> (012) (within terminal)
2 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Bransamys lurib 2 --> (012) (within terminal)
2 Cuniculus paca-t 2 --> (012) (within terminal)
2 Eoincamys pascua 2 --> (012) (within terminal)
2 Incamys bolivian 2 --> (012) (within terminal)
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2 Scleromys quada 2 --> (012) (within terminal)
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2 Neoeomys ambr 2 --> (012) (within terminal)
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2 Scleromys osborn 2 --> (012) (within terminal)
2 Garridomys curnu 2 --> (012) (within terminal)
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2 Scleromys praecu 2 --> (012) (within terminal)
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2 Chambiramys sylv 2 --> (012) (within terminal)
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2 Leucokephalos ze 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
1 Mesocapromys/Mys 2 --> (12) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophonomys bipl 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Pithanotomys col 2 --> (012) (within terminal)
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2 Spalacopus cyanu 2 --> (012) (within terminal)
2 Abrocoma bennett 2 --> (012) (within terminal)
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1 Prostichomys bow 1 --> (01) (within terminal)
2 Plesiacarechimys 2 --> (012) (within terminal)
2 Eobranisamys rom 2 --> (012) (within terminal)
2 Eobranisamys jav 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
1 Metaphiomys scha 2 --> (12) (within terminal)
1 Acritophiomys bo 2 --> (12) (within terminal)
1 node_215 0 ==> 1 Chapatti mys wils
1 node_213 0 --> 1 node_212
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_129 1 ==> 0 Chaetomys subsp
1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 node_174 1 ==> 0 Euryzygomatomys
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocoyms ligchaen 0 --> (01) (within terminal)
1 Reithroparamy 0 --> (01) (within terminal)
1 Birbalomy sonda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 node_215 0 --> 1 node_214
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
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1 Leucokephalos ze 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Euryzygomatomys 1 --> (01) (within terminal)

155 (Mure on M1-2) 0.667

156 (Length of the) 1.000

Pge p
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Baluchi mys bary 1 --> (012) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomsis ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
1 node_215 1 --> 2 node_214
1 node_212 2 --> 1 node_120
1 Bugtimys zafarul 1 --> (12) (within terminal)
1 Neosteiromys pat 2 --> (12) (within terminal)
2 Chaetomys subspli 2 --> (012) (within terminal)
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 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Cuniculus pacat 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 Neoepiblema 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 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
Hsearch_Consensus.out

1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Pleisacarechimys 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_209 1 --> 0 node_208
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scla 1 --> (01) (within terminal)
1 node_214 1 ==> 0 Baluchimys barry
2 Tribosphenomytex m 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
1 node_207 0 ==> 1 node_206
1 node_124 1 --> 2 node_123
1 Branisamyopsis a 2 --> (12) (within terminal)
1 node_130 1 ==> 2 node_129
2 Asteromys puntu 1 --> (012) (within terminal)
2 Dolichotis pata 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)
1 node_140 1 --> 2 node_139
2 Dasyprocta 2 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)
2 Drytomomys aequ 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
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2 Chinchilla lanig 1 --> (012) (within terminal)
2 Lagidium vis daci 1 --> (012) (within terminal)
2 Lagostomus maxim 1 --> (012) (within terminal)
2 Scleromys osborn 1 --> (012) (within terminal)
1 node_152 1 ==> 2 Garridoymys curnu
2 Eoviiscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Leucokcephalos ze 1 --> (012) (within terminal)
1 node_193 1 ==> 2 node_192
1 Platypitamys br 2 --> (12) (within terminal)
1 Deseadoymys aramb 2 --> (12) (within terminal)
1 Prospaniomyex pri 2 --> (12) (within terminal)
2 Spaniomyex ripari 2 --> (012) (within terminal)
2 Echimys chrysur 2 --> (012) (within terminal)
1 node_174 2 ==> 1 Protadelphomysex
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomysex si 2 --> (012) (within terminal)

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Hsearch_Consensus.out
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 Pamppecamas emmons 2 --> (012) (within terminal)
2 Pozomys uacylie 1 --> (012) (within terminal)
2 Thryonomys swind 0 --> (012) (within terminal)
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 subspi
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 Neoepiblema 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 Evoiscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Leucokephalo ze 1 --> (012) (within terminal)
1 node_194 1 ==> 2 node_193
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Hsearch Consensus.out
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1 Adelphomyos candi 0 --> (01) (within terminal)
1 Prostichomyos bow 0 --> (01) (within terminal)
1 Stichomyos regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamyss emmonsa 0 --> (01) (within terminal)
1 Cavicolricetus lu 0 --> (01) (within terminal)
1 Plesi acarechimys 0 --> (01) (within terminal)
1 Sallamyss pascaul 0 --> (01) (within terminal)
1 Mayomyss confluens 0 --> (01) (within terminal)
1 Eosallamyss paula 0 --> (01) (within terminal)
1 Shapajamyss laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys java 0 --> (01) (within terminal)
1 Pozomyss ucalalie 0 --> (01) (within terminal)
1 Tarapotomyss mayo 0 --> (01) (within terminal)
1 Tarapotomyss suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonymyss swind 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimyss bary 0 --> (01) (within terminal)
1 Tribophenomyss m 0 --> (01) (within terminal)
1 Tamquamyss disp 0 --> (01) (within terminal)
   1 node_215 0 ==> 1 Chapattimyss wils
   1 node_212 0 --> 1 node_120
1 Bugtimyss zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 Phiomyss hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoessina woodi 0 --> (01) (within terminal)
1 Canaanmys maqui 0 --> (01) (within terminal)
   1 node_123 0 --> 1 Neosteiromyss pat
1 Erethizon dornsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
   1 node_127 0 ==> 1 Steiromyss detent
1 Hypsosteiromyss a 0 --> (01) (within terminal)
1 Palaosteiriomyss 0 --> (01) (within terminal)
1 Australoprocta 0 --> (01) (within terminal)
1 Asteromyss 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 Dasyprotta 0 --> (01) (within terminal)
   1 node_198 0 --> 1 node_197
   1 node_142 1 ==> 0 Incamys bolivian
   1 node_153 1 --> 0 node_150
1 Scleromyss angust 0 --> (01) (within terminal)
1 Neoeipi blemo ambr 0 --> (01) (within terminal)
1 Chinichilla laniig 0 --> (01) (within terminal)
1 Lagidium vis cacai 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromyss prae cu 1 --> (01) (within terminal)
1 Eoincamys parvis 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalo z 1 --> (01) (within terminal)
1 Deseadomyss aramb 1 --> (01) (within terminal)
1 Acaramys murinus 1 --> (01) (within terminal)
   1 node_188 1 --> 0 node_187
1 Prospaniomyss pri 0 --> (01) (within terminal)
1 Thrichomyss aper 0 --> (01) (within terminal)
1 Protadelphomyss l 0 --> (01) (within terminal)
1 Mesocapromyss /Mys 0 --> (01) (within terminal)
1 Xenodontomyss sim 0 --> (01) (within terminal)

171 (Posterior iso) 0.640
Hsearch_Consensus.out

1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys ripari 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrysur 1 --> (01) (within terminal)
1 node_176 1 --> 0 node_175
1 Euryzygomaticomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (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 Prostichomys bow 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Sallamys pascau 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_208 1 --> 0 Thryonomys wind
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_214 0 --> 1 node_213
1 Cachi yacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Cananamys maqui 1 --> (01) (within terminal)
1 node_128 1 --> 0 Protosteiroromys m
1 Eosteiroromys rom 1 --> (01) (within terminal)
1 Neosteiroromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiroromys detent 1 --> (01) (within terminal)
1 Hyposteiroromys a 1 --> (01) (within terminal)
1 Chaetomys subsp 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 austral 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 node_160 1 --> 0 node_159
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomus maxima 0 --> (01) (within terminal)
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys pra 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokephalso 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sciamy s principa 1 --> (01) (within terminal)
1 Galileonmys euryg 1 --> (01) (within terminal)
1 Prospaniomys prí 1 --> (01) (within terminal)
1 Maruchito trilo 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)

178 (Mesolophule o) 0.583
Hsearch_Consensus.out

2 Euryzygomatomys 0 -- > (012) (within terminal)
2 Mesocapromys/Mys 0 -- > (012) (within terminal)
2 Xenodontomys sim 0 -- > (012) (within terminal)
2 Ctenomys bolivie 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 Prostichomys bow 0 -- > (012) (within terminal)
2 Dudumus ruigomez 0 -- > (012) (within terminal)
2 Pampamys emmons 0 -- > (012) (within terminal)
2 node_190 0 == > 2 Caviocricetus lu
1 Mayomys confluen 1 -- > (12) (within terminal)
1 Eosallamys paula 1 -- > (01) (within terminal)
1 Eobranisamys rom 0 -- > (01) (within terminal)
1 Tarapotomys mayo 0 -- > (01) (within terminal)
2 Tarapotomys suba 0 -- > (012) (within terminal)
2 Thryonomys swind 1 -- > (012) (within terminal)
1 Metaphiomys scha 1 -- > (12) (within terminal)
1 Acritophiomys bo 1 -- > (12) (within terminal)
1 Baluchi mys barry 1 -- > (01) (within terminal)
1 Bugtimys zafarul 0 -- > (01) (within terminal)
1 node_209 0 == > 1 node_207
1 Canaani mys mäqui 1 -- > (01) (within terminal)
1 Eosteir omy s homo 1 -- > (01) (within terminal)
1 Neosteir omy s pat 1 -- > (01) (within terminal)
1 Erethizon dentat 1 -- > (01) (within terminal)
1 Steironmys punctu 1 -- > (01) (within terminal)
1 Chaetomys subspi 1 -- > (01) (within terminal)
1 Luantus propheti 1 -- > (01) (within terminal)
1 Asteromy s punctu 1 -- > (01) (within terminal)
1 Dolichotis patag 1 -- > (01) (within terminal)
1 Hydrochoerus hyd 1 -- > (01) (within terminal)
1 Cavia apera 1 -- > (01) (within terminal)
1 Galea spixii 1 -- > (01) (within terminal)
1 Perimys intermed 1 -- > (01) (within terminal)
1 Neoreomys austri 1 -- > (01) (within terminal)
1 Branisamys lurib 1 -- > (01) (within terminal)
1 Dasyprocta 1 -- > (01) (within terminal)
1 Cuniculus paca-t 1 -- > (01) (within terminal)
1 Incamys bolivian 1 -- > (01) (within terminal)
1 Neoepiblema amb 1 -- > (01) (within terminal)
1 Chinchilla lani 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 Scleromy s prae 1 -- > (01) (within terminal)
1 node_157 1 == > 0 Chambiramys ship

180 (Mesoloph on M) 0.800
Hsearch_Consensus.out
1 Leucokephalos zee 1 --> (01) (within terminal)
1 Deseadomys aramb 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 Maruchitomys triolo 1 --> (01) (within terminal)
1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrys 1 --> (01) (within terminal)
1 Euryzygomatmys 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 bipl 1 --> (01) (within terminal)
1 Pithecomys 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 Prostichomys bow 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caviocricetus lu
1 Plesiacaarchimys 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Acritophiomi bos 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Bugtymys zafarul 0 --> (01) (within terminal)
1 node_190 1 --> 0 Caviocricetus lu
181 (Mesoloph on M) 0.889
1 node_209 0 --> 1 node_207
1 Eoespina woobi - E 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Errethizon darsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteiromys 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 aper 1 --> (01) (within terminal)
1 Galea spix 1 --> (01) (within terminal)
1 Neoreomys au 1 --> (01) (within terminal)
1 Brani samys lur 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Microsceromys p 1 --> (01) (within terminal)
1 Scleromys quadra 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 Garridomys curt 1 --> (01) (within terminal)
1 Evoiscaccia fras 1 --> (01) (within terminal)
1 Scleromys pra 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Evoica 1 --> (01) (within terminal)
1 Chambiramys syl 1 --> (01) (within terminal)
1 Draconomys vera 1 --> (01) (within terminal)
1 Leucokephalos z 1 --> (01) (within terminal)
1 Platypit tamys br 1 --> (01) (within terminal)
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1 Acaremys murin 1 --> (01) (within terminal)
1 Sciomy ps princip 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)

Pge p
1. *Maruchito trilof* 1 --> (01) (within terminal)
2. *Thrichomys aper* 1 --> (01) (within terminal)
3. *Echimys chrysura* 1 --> (01) (within terminal)
4. *Euryzygomaticy* 1 --> (01) (within terminal)
5. *Mesocapromys/Mys* 1 --> (01) (within terminal)
6. *Xenodontomys sim* 1 --> (01) (within terminal)
7. *Ctenomys bolivi* 1 --> (01) (within terminal)
8. *Neophanomys bipl* 1 --> (01) (within terminal)
9. *Pithanotomys col* 1 --> (01) (within terminal)
10. *Octodon degus* 1 --> (01) (within terminal)
11. *Spalacopus cyahu* 1 --> (01) (within terminal)
12. *Abrocoma bennett* 1 --> (01) (within terminal)
13. *Adelphomys candi* 1 --> (01) (within terminal)
14. *Prostichomys bow* 1 --> (01) (within terminal)
15. *Stichomys regu* 1 --> (01) (within terminal)
16. *Pampamys emmons* 1 --> (01) (within terminal)

182 (*Length of th*) 0.625
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<th>Species</th>
<th>Relationship</th>
<th>Node</th>
<th>Terminal status</th>
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<td>node_148</td>
</tr>
<tr>
<td>node_210</td>
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<td>0</td>
<td>Metaphiomys scha</td>
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<tr>
<td>node_176</td>
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<td>3</td>
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<tr>
<td>node_176</td>
<td>0</td>
<td>3</td>
<td>node_175</td>
</tr>
<tr>
<td>node_149</td>
<td>4</td>
<td>0</td>
<td>node_148</td>
</tr>
<tr>
<td>node_144</td>
<td>0</td>
<td>4</td>
<td>Drytomomys aequa</td>
</tr>
<tr>
<td>node_176</td>
<td>1</td>
<td>4</td>
<td>node_175</td>
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185 (Linguinal conne) 0.688

186 (Double lingua) 1.000

187 (Hypocone on M) 1.000
Hsearch_Consensus.out
1 node_207 0 ==> 1 node_206
2 Eo eospina wo odi- E 1 - - - (012) (w ithin
terminal)
1 node_130 1 - - - 2 node_129
2 Chaetomys subsp i 2 - - - (012) (w ithin
terminal)
2 Palaeosteir om yms 1 - - - (012) (w ithin
term in al)
2 Lu antus propheti 1 - - - (012) (w ithin
term in al)
2 Ast ero m y s p unct u 1 - - - (012) (w ithin
term in al)
2 Dolicho t is patag 1 - - - (012) (w ithin
term in al)
2 Hy drochoerus hyd 1 - - - (012) (w ithin
term in al)
2 Cavia apera 1 - - - (012) (w ithin
term in al)
2 Galea spixii 1 - - - (012) (w ithin
term in al)
2 Perimys intermed 1 - - - (012) (w ithin
term in al)
2 Neoreomy s austra 1 - - - (012) (w ithin
term in al)
2 Das yproct a 1 - - - (012) (w ithin
term in al)
2 Cuniculus paca-t 1 - - - (012) (w ithin
term in al)
2 Eoincamys pac su a 1 - - - (012) (w ithin
term in al)
2 Micro sclerom y s p 1 - - - (012) (w ithin
term in al)
2 Sclerom y s q uadra 1 - - - (012) (w ithin
term in al)
2 Sclerom y s angust 1 - - - (012) (w ithin
term in al)
2 Drytomomys aequa 1 - - - (012) (w ithin
term in al)
2 Potamarchus muri 1 - - - (012) (w ithin
term in al)
2 Neoe piblema am br 1 - - - (012) (w ithin
term in al)
2 Chinchilla lanig 1 - - - (012) (w ithin
term in al)
2 Lagidium viscaci 1 - - - (012) (w ithin
term in al)
2 Lagostomus maxim 1 - - - (012) (w ithin
term in al)
2 Sclerom y s osborn 1 - - - (012) (w ithin
term in al)
2 Garridomys curnu 1 - - - (012) (w ithin
term in al)
2 Eoviscaccia fras 1 - - - (012) (w ithin
term in al)
2 Eovisc accia aust 1 - - - (012) (w ithin
term in al)
2 Sclerom y s praecu 1 - - - (012) (w ithin
term in al)
2 Chambiramys ship 1 - - - (012) (w ithin
term in al)
1 Eoincamys parvus 1 - - - (012) (w ithin
term in al)
1 node_159 1 ==> 2 Chambiramys sylv
1 node_161 1 ==> 2 Eoincamys ameghi
2 Draconomys verai 1 - - - (012) (w ithin
term in al)
2 Leucok ephal os ze 1 - - - (012) (w ithin
term in al)
2 Platypittamys br 1 - - - (012) (w ithin
Pge p
Hsearch_Consensus.out

terminal)
2  Deseadomy s aramb 1 --> (012) (within terminal)
2  Acaremys murinus 1 --> (012) (within terminal)
2  Sciam ys principa 1 --> (012) (within terminal)
2  Galileom ys euryg 1 --> (012) (within terminal)
2  Willidewu estepa 1 --> (012) (within terminal)
2  Prospani om ys pri 1 --> (012) (within terminal)
2  Spaniom ys ripari 1 --> (012) (within terminal)
2  Myocastor coypus 1 --> (012) (within terminal)
2  Proechim ys cuvie 1 --> (012) (within terminal)
2  Maruchit o trilof 1 --> (012) (within terminal)
2  Thrichom ys apere 1 --> (012) (within terminal)
2  Echim ys chrys uru 1 --> (012) (within terminal)
2  Makalata didelph 1 --> (012) (within terminal)
2  Protadelphom ys l 1 --> (012) (within terminal)
2  Euryzygomatomy s 1 --> (012) (within terminal)
2  Mesocapromys/Mys 1 --> (012) (within terminal)
2  Xenodontomy s sim 1 --> (012) (within terminal)
2  Ctenom ys bolivie 1 --> (012) (within terminal)
2  Neophanom ys bipl 1 --> (012) (within terminal)
2  Pithanotom ys 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)
2  Adel phom ys candi 1 --> (012) (within terminal)
2  Prostichom ys bow 1 --> (012) (within terminal)
2  Stichom ys regula 1 --> (012) (within terminal)
2  Dudumus ruigomez 1 --> (012) (within terminal)
2  Pampam ys emmons 1 --> (012) (within terminal)
2  Caviocricetus lu 1 --> (012) (within terminal)
2  Plesiacarechim ys 1 --> (012) (within terminal)
2  Sallamy s pascual 1 --> (012) (within terminal)
2  Mayomys confluen 1 --> (012) (within terminal)
2  Pozom ys uca yai 1 --> (012) (within terminal)
1  Tarapotomys mayo 1 --> (12) (within terminal)

Pge p
Hsearch_Consensus.out

2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys parvus 2 --> (012) (within terminal)
2 Draconomys vera 2 --> (012) (within terminal)
2 Leucokcephalos ze 2 --> (012) (within terminal)
2 Platypttamy 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
2 Sciams pricipa 2 --> (012) (within terminal)
2 Galileomys euryg 2 --> (012) (within terminal)
2 Willidewu estepa 2 --> (012) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomy 2 --> (012) (within terminal)
2 Myocastor cupus 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Protadelphomy 2 --> (012) (within terminal)
2 Euryzygatom 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys col 2 --> (012) (within terminal)
2 Octodon degus 2 --> (012) (within terminal)
2 Spalacopus cyanu 2 --> (012) (within terminal)
2 Ab rocoma bennett 2 --> (012) (within terminal)
2 Adelphomy 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 Pampami 2 --> (012) (within terminal)
2 Caviocricetus lu 2 --> (012) (within terminal)

Hsearch Consensus.out

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 Myocastor coyopus 1 --> (01) (within terminal)
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thriomys apere 1 --> (01) (within terminal)
1 Echimys chrysura 1 --> (01) (within terminal)
1 Makalata dideleph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Eurzygomatymys 1 --> (01) (within terminal)
1 Mesocapromys/My 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 cani 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus rui gome 1 --> (01) (within terminal)
1 Papamys emmons 1 --> (01) (within terminal)
1 Caviorcicetus lu 1 --> (01) (within terminal)
1 Plesiacarechi 1 --> (01) (within terminal)
1 Sallamys pascu 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 node_200 1 --> 0 Shapajamys laboc
1 Eobranisamys rom 1 --> (01) (within terminal)
1 node_204 1 --> 0 node_203
1 Tarapomys suba 0 --> (01) (within terminal)
1 Thryonomys wind 1 --> (01) (within terminal)
1 node_210 1 --> 0 Metaphiomys cha
1 node_215 0 --> 1 Chapattimys wils
1 Ottomani a proavi 0 --> (01) (within terminal)
1 node_212 0 --> 1 node_120
1 'Wasl amys' a'tti 1 --> (01) (within terminal)
1 node_210 0 --> 1 node_209
1 node_207 1 --> 0 Phiomys hammu dai
1 Eoespina wood -E 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorsa 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 node_129 1 --> 0 Chaetomys subspi
1 Palaeosteir omys 1 --> (01) (within terminal)
1 Luantus proheti 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 apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austre 1 --> (01) (within terminal)
1 node_138 1 --> 0 Branisamys lurib
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 node_159 1 --> 0 node_158
1 Eoincamys pascua 0 --> (01) (within terminal)
1 node_154 0 --> 1 node_142
1 Micrasteromys p 1 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Neoepeblenambr 0 --> (01) (within terminal)
1 Chinchilla lani 0 --> (01) (within terminal)

206 (Posterior iso) 0.462

Pge p
Hsearch Consensus.out

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 Chambiramy ship 0 --> (01) (within terminal)
1 Draconomy s verai 1 --> (01) (within terminal)
1 Leucokophalos ze 1 --> (01) (within terminal)
1 Platypit tamyms br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Aacarem ys murino 1 --> (01) (within terminal)
1 Sci a mys prin ci pa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Willi dew estepa 1 --> (01) (within terminal)
1 Prospaniomy s pri 1 --> (01) (within terminal)
1 Spaniomy s ripari 1 --> (01) (within terminal)
1 Myocastor cop yus 1 --> (01) (within terminal)
1 Proechim ys cuvie 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichom ys apere 1 --> (01) (within terminal)
1 Echim ys chrysuru 1 --> (01) (within terminal)
1 Maka lata didel ph 1 --> (01) (within terminal)
1 Protadel phomy s 1 --> (01) (within terminal)
1 Euryzyg omatomy s 1 --> (01) (within terminal)
1 Mesocap romy s/Mys 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenom ys bolivi e 1 --> (01) (within terminal)
1 Neophanomys bi ri 1 --> (01) (within terminal)
1 Pithanotom ys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spal acopus cyanu 1 --> (01) (within terminal)
1 Abro coma bennett 1 --> (01) (within terminal)
1 Adelphom ys candi 1 --> (01) (within terminal)
1 Proechim ys bow 1 --> (01) (within terminal)
1 Stich omy s regula 1 --> (01) (within terminal)
1 Doodoo mys rigomnez 1 --> (01) (within terminal)
1 Pam pamys emmonsa 1 --> (01) (within terminal)
1 Caviocricetus lu 1 --> (01) (within terminal)
1 Plesiaca rechim ys 1 --> (01) (within terminal)
1 Sallamy s pascua l 1 --> (01) (within terminal)
1 Mayom ys confluen 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
1 Pozo my s ucalai e 1 --> (01) (within terminal)
1 Tarapotom y s may 0 --> (01) (within terminal)
1 Tarapotom y s suba 1 --> (01) (within terminal)
1 Archetypomy s erl 0 --> (01) (within terminal)
1 Tribosphenomy s m 0 --> (01) (within terminal)
1 Cocomy s ligchaen 0 --> (01) (within terminal)
1 Reithropam ys d 0 --> (01) (within terminal)
1 Birbalomy s son da 0 --> (01) (within terminal)
1 Tamquam ys dispi 0 --> (01) (within terminal)
1 Phiom ys hammu da i 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Protoste eromy s m 0 --> (01) (within terminal)
1 Neoaste romy s pat 0 --> (01) (within terminal)
1 Er ethiz on dorsat 0 --> (01) (within terminal)
1 Ste romy s detent 0 --> (01) (within terminal)
1 Hypsoste eromy s a 0 --> (01) (within terminal)
1 Chaetom ys subspli 0 --> (01) (within terminal)
1 Palaeoste eromy s 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromy s punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavialaper ea 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1    Galea spixii 0 --> (01) (within terminal)
1    Perimys intermedi 0 --> (01) (within terminal)
1    Neoreomys austral 0 --> (01) (within terminal)
1    Braniomys lurid 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    Micromys 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    Neoepliema ambr 0 --> (01) (within terminal)
1    Chinchilla lani 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    Garridomys curnu 0 --> (01) (within terminal)
1    Eoviscaccia fras 0 --> (01) (within terminal)
1    Eoviscaccia aust 0 --> (01) (within terminal)
1    Chambiramys ship 0 --> (01) (within terminal)
1    Eoincamys parvus 0 --> (01) (within terminal)
1     node_159 0 ==> 1 Chambiramys sylv
1     node_161 0 ==> 1 Eoincamys ameghi
1     Draeconomys verai 0 --> (01) (within terminal)
1     Leucokcephalos 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     Sciamyprincipa 0 --> (01) (within terminal)
1     Galileomyeuryg 0 --> (01) (within terminal)
1     Williedew estepa 0 --> (01) (within terminal)
1     Prospaniomyms pri 0 --> (01) (within terminal)
1     Spaniomyms ripari 0 --> (01) (within terminal)
1     Myocastor coypus 0 --> (01) (within terminal)
1     Proechimys cuvieu 0 --> (01) (within terminal)
1     Maruchiottrolfo 0 --> (01) (within terminal)
1     Thrichomys apere 0 --> (01) (within terminal)
1     Echimys chrysuru 0 --> (01) (within terminal)
1     Makalatadidelph 0 --> (01) (within terminal)
1     Protadellophorys 0 --> (01) (within terminal)
1     Euryzygomatouns 0 --> (01) (within terminal)
1     Mesocapromysct 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     Pitbanomys 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     Adelphomysemandi 0 --> (01) (within terminal)
1     Prostichomys bow 0 --> (01) (within terminal)
1     Stichomysestes 0 --> (01) (within terminal)
1     Dudumus ruigomez 0 --> (01) (within terminal)
1     Pampamys emmonsa 0 --> (01) (within terminal)
1     Caviocrictetus lu 0 --> (01) (within terminal)
1     Plesiacarachimys 0 --> (01) (within terminal)
1     Sallamympascual 0 --> (01) (within terminal)
1     Mayomys confluen 0 --> (01) (within terminal)
1     Eosallamympascual 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     Cachiyacuy kumme 0 --> (01) (within terminal)
1     node_208 0 ==> 1 Thryonomymswind
1     Metaphiomymscha 0 --> (01) (within terminal)

Pge p
<table>
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<th>Taxon</th>
<th>Node</th>
<th>Terminal Status</th>
</tr>
</thead>
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<td>Mesocapromys/Mys</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
<td>1</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Ctenomys bolivie</td>
<td>1</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Neophanomys bipl</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Pithanomys col</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Octodon degus</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Spalacopus cyanu</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Abrocoma Bennett</td>
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<tr>
<td>Adelphomyx candi</td>
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</tr>
<tr>
<td>Prostichomyx bow</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Stichomyx regula</td>
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<td>(within terminal)</td>
</tr>
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<td>Dudumus rui gomez</td>
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</tr>
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</tr>
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<td>Plesiacarechimys</td>
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<td>Tarapotomys suba</td>
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<td>Asteromyx punctu</td>
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</tr>
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<td>Dolichotis pataq</td>
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</tr>
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<td>Cavia apera</td>
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<td>Galea spixi</td>
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<td>Eoincamys pascua</td>
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<td>Scleromyx quadra</td>
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<td>Scleromyx angust</td>
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<td>Neopebliema ambr</td>
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<td>Chinchilla laniag</td>
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</tr>
<tr>
<td>Lagidium viscaci</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Lagostomus maxim</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Scleromyx osborn</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Garridomyx currnu</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Eoviscaccia fras</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Eoviscaccia aust</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Scleromyx praecu</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Chambira mys ship</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Draconomys verai</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Leucokephalos zem</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Platypittamy br</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Deseadomyx aramb</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Acaremys murinus</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Sclamys principa</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Galileomys euryg</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Willi dewu estepa</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Prospaniomyx pri</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Spaniomyx ripari</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Myocastor cypus</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Proechimys cuvie</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Maruchito trilof</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Thrichomyx aperi</td>
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<td>(within terminal)</td>
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<tr>
<td>Echimys chrysuru</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Makalata didelph</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Protadelphomyx</td>
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<td>(within terminal)</td>
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<tr>
<td>Eurzyzygomatymy</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Mesocapromys/Mys</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
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<td>(within terminal)</td>
</tr>
<tr>
<td>Ctenomys bolivie</td>
<td>0</td>
<td>(within terminal)</td>
</tr>
<tr>
<td>Neophanomys bipl</td>
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</tr>
<tr>
<td>Node</td>
<td>Taxon</td>
<td>Branch Length</td>
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<tr>
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<tr>
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<tr>
<td>1</td>
<td>Lagidium viscaci</td>
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<tr>
<td>1</td>
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<tr>
<td>1</td>
<td>Eoviscaccia fragas</td>
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</tr>
<tr>
<td>1</td>
<td>Scleromys praecu</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Chambiramys ship</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Eoincamys parvus</td>
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<td>Proechimys cuvie</td>
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<tr>
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<td>Neophanomys bipl</td>
<td>1</td>
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<tr>
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<td>Octodon degus</td>
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</tr>
<tr>
<td>1</td>
<td>Spalacopus cyanu</td>
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<td>1</td>
<td>Abrocoma bennett</td>
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<tr>
<td>1</td>
<td>Plesiarchimys mys</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Mayomys confluen</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Ctenomys bolivie</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Neophanomys bipl</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Pithanotomys col</td>
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<tr>
<td>1</td>
<td>Leucokephalos ze</td>
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<td>Neophanomys bipl</td>
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<td>1</td>
<td>Eoincamys parvus</td>
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<td>Eoincamys parvus</td>
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</tr>
<tr>
<td>1</td>
<td>Leucokophalos ze</td>
<td>0</td>
</tr>
</tbody>
</table>
Hsearch_Consensus.out

218 (Double lingua) 1.000

219 (Direct metalo) 0.500

2 Dasyprocta 0 --> (034) (within 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) (within terminal)
1 node_209 2 ==> 4 node_208
1 Metaphiomys scha 2 --> (02) (within terminal)
1 Acritophiomys bo 2 --> (23) (within terminal)
1 Coendou prehensi 0 --> (03) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (03) (within terminal)
1 node_208 0 ==> 2 Paraphiomys pigo
1 Metaphiomys scha 0 --> (02) (within terminal)
1 node_217 0 --> 1 node_216
1 node_215 1 --> 0 Chapattimys wils
1 Asteromyss punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Einacamyss pascua 1 --> (01) (within terminal)
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromyss quadra 1 --> (01) (within terminal)
1 Scleromyss angust 1 --> (01) (within terminal)
1 Neoepiblemam 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 Scleromyss osborn 1 --> (01) (within terminal)
1 Garridomyss curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromyss praecu 1 --> (01) (within terminal)
1 Chambiramyss ship 1 --> (01) (within terminal)
1 Einacamyss amegh 1 --> (01) (within terminal)
1 Draconomys vera 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamyss br 1 --> (01) (within terminal)
1 Deseadomyss aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sclammys princi 1 --> (01) (within terminal)
1 Galileomyss eury 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomyss pri 1 --> (01) (within terminal)
1 Spaniomyss ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys apere 1 --> (01) (within terminal)
1 Echimyss chrysur 1 --> (01) (within terminal)
1 Makal ata dinelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Euryzynatomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomyss sim 1 --> (01) (within terminal)
1 Ctenomyss bolivie 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanatomyss col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma benedett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomyss bow 1 --> (01) (within terminal)
1 Stichomyss regula 1 --> (01) (within terminal)
1 Dudumus rui gomez 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Caviocricetus ludovici 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Pozomys ucayali 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomys mo 1 --> (01) (within terminal)
1 node_217 0 ==> 1 node_216
1 Asteromys punctulatus 1 --> (01) (within terminal)
1 Dolichotis patagonum 1 --> (01) (within terminal)
1 Hydrochoerus hydrochaeris 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermedius 1 --> (01) (within terminal)
1 Eoincamys pascual 1 --> (01) (within terminal)
1 Microcorys melanoleucus 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angustulus 1 --> (01) (within terminal)
1 Neoepiblemama ambrae 1 --> (01) (within terminal)
1 Chinchilla lanigera 1 --> (01) (within terminal)
1 Lagidium viscacia 1 --> (01) (within terminal)
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Scleromys osborni 1 --> (01) (within terminal)
1 Garridomys curruca 1 --> (01) (within terminal)
1 Eoviscaccia frascati 1 --> (01) (within terminal)
1 Eoviscaccia austriaca 1 --> (01) (within terminal)
1 Chambiramys shippeyi 1 --> (01) (within terminal)
1 Eoincamys ameghini 1 --> (01) (within terminal)
1 Draconomys verae 1 --> (01) (within terminal)
1 Leucolophos zebrinus 1 --> (01) (within terminal)
1 Platypitamyx brachyurus 1 --> (01) (within terminal)
1 Deseadomys arambourgi 1 --> (01) (within terminal)
1 Aquareomys murinus 1 --> (01) (within terminal)
1 Sciomyx principala 1 --> (01) (within terminal)
1 Galilaeomys eurygnathus 1 --> (01) (within terminal)
1 Willidewu estepensis 1 --> (01) (within terminal)
1 Prospaniomys priapulus 1 --> (01) (within terminal)
1 Spaniomys riparius 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Maruchito trilophus 1 --> (01) (within terminal)
1 Thrichomyxus aper 1 --> (01) (within terminal)
1 Echimys chrysura 1 --> (01) (within terminal)
1 Makalata di delphi 1 --> (01) (within terminal)
1 Protodelphomyx 1 --> (01) (within terminal)
1 EuryzYGomatomyx 1 --> (01) (within terminal)
1 Mesocapromys Mysomys 1 --> (01) (within terminal)
1 Xenodontomyx simus 1 --> (01) (within terminal)
1 Ctenomys boliviensis 1 --> (01) (within terminal)
1 Neophanomys biplagiatus 1 --> (01) (within terminal)
1 Pitomys colzi 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cyanus 1 --> (01) (within terminal)
1 Abrocoma bennetti 1 --> (01) (within terminal)
1 Adelphomyx candi 1 --> (01) (within terminal)
1 Prostichomyx bowdichii 1 --> (01) (within terminal)
1 Stichomyx regula 1 --> (01) (within terminal)
1 Dudumus rui gomezi 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Caviocricetus ludovici 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Pozomys ucayali 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)

220 (Direct metalo) 1.000
1 node_216 0 ==> 1 node_215

221 (Labial part o) 1.000
1 node_216 0 ==> 1 node_215
Hsearch_Consensus.out

1 Asteromys punctu 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixi i 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 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 Archetypomys erl 0 --> (01) (within terminal)
1 Tamqua r m y s di _s i p 0 --> (01) (within terminal)
1 node_215 0 ==> 1 node_214
1 Protosteir o m y s m 1 --> (01) (within terminal)
1 Neosteir o m y s pat 1 --> (01) (within terminal)
1 Eri th iz o n d or s t 1 --> (01) (within terminal)
1 Steir o m y s de t e n t 1 --> (01) (within terminal)
1 node_129 1 ==> 0 Chaetomys subs p i
1 Palaeo steir o m y s 1 --> (01) (within terminal)
1 node_140 1 ==> 0 node_138
1 Asteromys pu n c t u 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixi i 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 0 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 node_195 1 ==> 0 node_161
1 node_156 0 ==> 1 Eoinca_ m y s pas cu a
1 Microscle ro mys p 0 --> (01) (within terminal)
1 node_149 0 --> 1 node_143
1 Sclar o mys an gu st 1 --> (01) (within terminal)
1 Neoeplblema ambr 0 --> (01) (within terminal)
1 Chinchilla lani g 0 --> (01) (within terminal)
1 Lagidium vis scaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scler o mys osborn 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scler o mys pra ecu 0 --> (01) (within terminal)
1 node_159 0 --> 1 Chambar m y s
1 Eoinca my s am eghi 0 --> (01) (within terminal)
1 Draecon o mys ver ai 1 --> (01) (within terminal)
1 Leucokephal o s ze 1 --> (01) (within terminal)
1 Platypittamys br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Acaremys murinus 1 --> (01) (within terminal)
1 Sc l a mys pr inci pa 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Wil l i dewu est epa 1 --> (01) (within terminal)
1 Prospaniomy s pri 1 --> (01) (within terminal)
1 node_169 1 ==> 0 node_168
1 Spani o mys r i pari 0 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)
1 Thrichomys aper e 1 --> (01) (within terminal)
1 Echimys chry sur u 1 --> (01) (within terminal)
1 Makalata didep h 1 --> (02) (within terminal)
1 Protadelph o m y s 1 --> (01) (within terminal)
1 Euryzygomat o m y s 1 --> (01) (within terminal)
1 Mesocapromys/S/ Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
1 Neophanomy s bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1  Eobrani s amy s jav 1 --> (01) (within terminal)
1  P ozo m y s uc ayal i e 1 --> (01) (within terminal)
1  Tar apot omy s mayo 1 --> (01) (within terminal)
1  Tar apot omy s su ba 1 --> (01) (within terminal)
1  C achi yac y kum me 1 --> (01) (within terminal)
1  Thry onom y s w in d 1 --> (01) (within terminal)
1  Par aphi om y s pigo 1 --> (01) (within terminal)
1  Met aphi om y s sch a 1 --> (01) (within terminal)
1  Ac rit ophi om y s bo 1 --> (01) (within terminal)
1  Bal uch yms b arry 1 --> (01) (within terminal)
1  n ode_136 0 --> 1 n ode_135
1  Aster omy s pu nct u 1 --> (01) (within terminal)
1  Lag osto m y s max i m 0 --> (01) (within terminal)
1  n ode_152 0 --> 1 n ode_151
1  Eov isca ccia f ras 1 --> (01) (within terminal)
1  Leuco keph alo s ze 0 --> (01) (within terminal)
1  n ode_165 0 ==> 1 n ode_164
1  n ode_168 0 ==> 1 Myo ca st or cup us
1  n ode_175 0 ==> 1 Mes ocap rom y s/ Mys
1  Neoph anomy s bi pl 0 --> (01) (within terminal)
1  n ode_181 0 ==> 1 n ode_180
1  n ode_183 0 ==> 1 Abro coma bennett
2  n ode_138 0 --> 2 n ode_137
2  n ode_137 2 --> 0 Aus tral oprocta f
2  Aster omy s pu nct u 2 --> (012) (within terminal)
2  Doli ch ot is pat ag 2 --> (012) (within terminal)
2  Hydro choerus hyd 2 --> (012) (within terminal)
2  Cav ia a per e 2 --> (012) (within terminal)
2  Gale a spixii 2 --> (012) (within terminal)
2  Per imys in termed 2 --> (012) (within terminal)
2  n ode_139 0 ==> 2 Dasy procta
1  n ode_143 0 ==> 1 Scler omy s angust
2  Lag osto m y s max i m 0 --> (012) (within terminal)
1  n ode_152 0 --> 1 G a rri dom y s cu rnu
2  Eov isca ccia f ras 0 --> (012) (within terminal)
2  Leuco keph alo s ze 0 --> (012) (within terminal)
1  n ode_166 0 --> 1 n ode_165
2  Ac aremys mu ri nus 1 --> (012) (within terminal)
2  Sc iam y s prin ci pa 1 --> (012) (within terminal)
1  n ode_192 0 --> 1 n ode_191
1  n ode_190 1 --> 0 n ode_189
1  n ode_169 0 ==> 1 Pro echi yms cu v ie
1  n ode_171 0 ==> 1 Thr ich omy s apere
1  n ode_174 0 ==> 1 Eury zig omas ym oys
2  Xeno don tomy s sim 0 --> (012) (within terminal)
2  Cten omy s bol ivie 0 --> (012) (within terminal)
2  Neophanomy s bi pl 0 --> (012) (within terminal)
2  Pitha not omy s col 0 --> (012) (within terminal)
2  Octodon degus 0 --> (012) (within terminal)
2  Spal acopus cyanu 0 --> (012) (within terminal)
2  Ab ro coma bennett 0 --> (012) (within terminal)

Paraflexus (+) 0.143

Reduction of 0.143
Hsearch_Consensus.out

2 Euryzygomatomys 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 0 --> (012) (within terminal)
2 Ctenomys bolivie 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Octodon degus 0 --> (012) (within terminal)
1 node_203 0 ==> 1 Pozomys ucayalie
2 Baluchimys barry 0 --> (012) (within terminal)
1 node_138 0 --> 1 node_137
1 Asteromys punctu 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 node_137 1 --> 0 Neoreomys austra
1 node_160 0 ==> 1 node_159
1 Eoincamys pascua 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 node_144 1 ==> 0 Potamarchus muri
1 Neoegbilema ambra 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praeuc 1 --> (01) (within terminal)
1 Chambi ramys ship 1 --> (01) (within terminal)
1 Eoincamys parvu 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (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 Willi dewu estega 0 --> (01) (within terminal)
1 Prospanomys pri 0 --> (01) (within terminal)
1 Spanomys ripari 0 --> (01) (within terminal)
1 Myocastor cuppus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygmatomys 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 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 Prostischomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampaymys emmons 0 --> (01) (within terminal)
1 Caviocrictetus luo 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Mayomys confluen 0 --> (01) (within terminal)
1 Pozomys uccayalie 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyracuy kumme 0 --> (01) (within terminal)
1 Cachiyracuy conta 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)

1 node_138 0 --> 1 node_137

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 apera 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)

1 node_139 0 ==> 1 Dasyprocta

1 node_195 0 --> 1 node_161

1 Eoincamys paucka 1 --> (01) (within terminal)
1 Incamys bolivi an 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)
1 Dinomys branciicki 1 --> (01) (within terminal)
1 Neoepebilema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Leucokaphalos 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 Galileomy s euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomy s ripari 0 --> (01) (within terminal)
1 Myocastor cuypus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrysur 0 --> (01) (within terminal)
1 Makalata dilalph 0 --> (01) (within terminal)

1 node_176 0 --> 1 node_175

1 Euryzygomatomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodon tomymys sim 0 --> (01) (within terminal)
1 Ctenomys bolivi e 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pit nanatomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abrocoma benne t 0 --> (01) (within terminal)
1 Adelphomy s candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomy s regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmons a 0 --> (01) (within terminal)
1 Caviocrisetus lu 0 --> (01) (within terminal)
1 Ple i acarechimy s 0 --> (01) (within terminal)

231 (Reduction of) 0.400
Hsearch_Consensus.out

232  {Hypoflexus on} 0.800

1  Mayomy\text{\textbar} s  conflu\text{\textbar} en 0 --> (01) (within terminal)
1  Pozomy\text{\textbar} s  ucayali\text{\textbar} e 0 --> (01) (within terminal)
1  Tarapoto\text{\textbar} my\text{\textbar} s  mayo 0 --> (01) (within terminal)
1  Tarapoto\text{\textbar} my\text{\textbar} s  suba 0 --> (01) (within terminal)

1  node_213 0 --> 1 node_212
1  Bugtimys  zafarul 1 --> (01) (within terminal)
1  Hodsahibia  azrae 1 --> (01) (within terminal)
1  'Waslamsy\text{\textbar} s  att\text{\textbar} ia 1 --> (01) (within terminal)
1  Asteromy\text{\textbar} s  punctu 1 --> (01) (within terminal)
1  Lagostomus  maxim 0 --> (01) (within terminal)
1  Eoviscaccia  fras 1 --> (01) (within terminal)
1  Leucokephalos  ze 1 --> (01) (within terminal)

1  node_181 1 --> 0 node_178
1  Neophanomys  bipl 0 --> (01) (within terminal)

2  Archetypomys  erl 0 --> (012) (within terminal)
2  Tribosphenomys  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  disp 0 --> (012) (within terminal)
2  Chapattimys  wils 0 --> (012) (within terminal)
2  Ottomania  proavi 0 --> (012) (within terminal)

2  node_120 0 ==> 2 node_119
2  node_137 0 ==> 2 node_136
2  Asteromy\text{\textbar} s  pu\text{\textbar} nc 2 --> (012) (within terminal)
2  Lagostomus  maxim 0 --> (012) (within terminal)
2  Eoviscaccia  fras 0 --> (012) (within terminal)
2  Leucokephalos  ze 0 --> (012) (within terminal)
1  node_168 0 ==> 1 Spaniomy\text{\textbar} s  ripari
1  node_175 0 ==> 1 Mesocapromys/Mys
2  Neophanomys  bipl 0 --> (012) (within terminal)

1  node_186 0 ==> 1 node_185
2  Baluchimys  b\text{\textbar} arry 0 --> (012) (within terminal)

235  {Formation of} 0.200

1  node_137 0 ==> 1 node_136
1  Asteromy\text{\textbar} s  pu\text{\textbar} nc 1 --> (01) (within terminal)
1  Lagostomus  maxim 0 --> (01) (within terminal)
1  node_153 0 ==> 1 node_152
1  Eoviscaccia  fras 1 --> (01) (within terminal)
1  Leucokephalos  ze 0 --> (01) (within terminal)
1  node_165 0 ==> 1 node_164
1  node_186 0 ==> 1 node_183
1  node_182 1 --> 0 node_176
1  Neophanomys  bipl 1 --> (01) (within terminal)
1  Archetypomys  erl 1 --> (01) (within terminal)
1  Tribosphenomys  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  disp 1 --> (01) (within terminal)
1  Chapattimys  wils 1 --> (01) (within terminal)
1  Ottomania  proavi 1 --> (01) (within terminal)
1  Bugtimys  zafarul 1 --> (01) (within terminal)
1  Hodsahibia  azrae 1 --> (01) (within terminal)
1  'Waslamsy\text{\textbar} s  att\text{\textbar} ia 1 --> (01) (within terminal)

236  {Number of lob} 1.000

1  Archetypomys  erl 1 --> (01) (within terminal)
1  Tribosphenomys  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  disp 1 --> (01) (within terminal)
1  Chapattimys  wils 1 --> (01) (within terminal)
1  Ottomania  proavi 1 --> (01) (within terminal)
1  Bugtimys  zafarul 1 --> (01) (within terminal)
1  Hodsahibia  azrae 1 --> (01) (within terminal)
1  'Waslamsy\text{\textbar} s  att\text{\textbar} ia 1 --> (01) (within terminal)
Hsearch_Consensus.out

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 Pozomyx ucyali e 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 wind 1 --> (01) (within terminal)
1 Paraphiomys pig 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
1 Archetypomys er 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomys ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanmys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)
2 Eosteiromys homo 1 --> (012) (within terminal)
2 Branisamyopsis a 1 --> (012) (within terminal)
2 Neosteiromys pat 1 --> (012) (within terminal)
2 Erhizion dorsat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Hyposteiromys a 1 --> (012) (within terminal)
2 Chaetomys subspi 1 --> (012) (within terminal)
2 Palaeosteiromys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)

237 (*Number of lo) 1.000
<table>
<thead>
<tr>
<th>Species</th>
<th>Node</th>
<th>Consensus Output</th>
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</thead>
<tbody>
<tr>
<td>Cavia aperea</td>
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<td>Neoreomys australis</td>
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<td>Dasyprocta</td>
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<td>Cuniculus pacat</td>
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<td>Eoincamys pascua</td>
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<td>(012) (within terminal)</td>
</tr>
<tr>
<td>Incamys bolivian</td>
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<td>(012) (within terminal)</td>
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<tr>
<td>Micro scleromys p</td>
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<td>(012) (within terminal)</td>
</tr>
<tr>
<td>Scleromys quadra</td>
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<td>(012) (within terminal)</td>
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<tr>
<td>Scleromys angust</td>
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<td>Drytomomys aequa</td>
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<td>Neoepiblema ambr</td>
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<td>Chambiramys ship</td>
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<td>Eoincamys parvus</td>
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<td>Chambiramys sylv</td>
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<td>Eoincamys ameghi</td>
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<td>Draconomys verai</td>
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<td>Leucokcephalos ze</td>
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<td>Platypittamys br</td>
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<td>Deseadomys aramb</td>
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<td>Willidewu estepa</td>
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<td>Prospaniomys pri</td>
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<td>Spaniomys ripari</td>
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<tr>
<td>Myocastor coypus</td>
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<td>(012) (within terminal)</td>
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<td>------------------------</td>
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<tr>
<td>2 Proechimys cuvie 1 --&gt; (012) (within terminal)</td>
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<td>2 Maruchito trilof 1 --&gt; (012) (within terminal)</td>
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<td>2 Thrichomys apere 1 --&gt; (012) (within terminal)</td>
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<td>2 Echimys chrysuru 1 --&gt; (012) (within terminal)</td>
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<td>2 Makalata didelph 1 --&gt; (012) (within terminal)</td>
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<td>2 Protadelphomys l 1 --&gt; (012) (within terminal)</td>
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<td>2 Euryzygomatomys 1 --&gt; (012) (within terminal)</td>
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<tr>
<td>2 Mesocapromys/Mys 1 --&gt; (012) (within terminal)</td>
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<tr>
<td>1 node_181 1 --&gt; 0 node_178</td>
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<td>2 Neophanomys bipl 0 --&gt; (012) (within terminal)</td>
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<td>2 Adelphomys candi 1 --&gt; (012) (within terminal)</td>
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<td>2 Prostichomys bow 1 --&gt; (012) (within terminal)</td>
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<td>2 Stichomys regula 1 --&gt; (012) (within terminal)</td>
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<td>2 Dudumus ruigomez 1 --&gt; (012) (within terminal)</td>
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<td>2 Pampamyx emmons 1 --&gt; (012) (within terminal)</td>
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<td>2 Caviocracetus lu 1 --&gt; (012) (within terminal)</td>
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<td>2 Plesiacarechimys 1 --&gt; (012) (within terminal)</td>
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<td>2 Eosallamys paula 1 --&gt; (012) (within terminal)</td>
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<td>2 Shapajamys laboc 1 --&gt; (012) (within terminal)</td>
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<td>2 Metaphiomys scha 1 --&gt; (012) (within terminal)</td>
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<td>2 Acritophiomys bo 1 --&gt; (012) (within terminal)</td>
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<tr>
<td>2 Baluchiomys barry 1 --&gt; (012) (within terminal)</td>
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238 (Complete fusi) 1.000
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<th>Genus</th>
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<td>Thrichomys aperatus</td>
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<td>Echimys chrysorhynchos</td>
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<td>Makalata didelphys</td>
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<td>Protadelphomys lutheri</td>
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<td>Xenoconus tenuisimius</td>
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<td>Neophractus biplumis</td>
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<td>Prostichomys bowmani</td>
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<td>Stichnomyss regalia</td>
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<td>Chadidimys ruijogomez</td>
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<td>Pamphymys emmussa</td>
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<td>Caviocricketus luteus</td>
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<td>Pleistocatherinae</td>
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<td>Sallamys pascuatus</td>
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<td>Mayomys confluentis</td>
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<td>Eosallamys paula</td>
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<td>Shaipajomys labocani</td>
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<td>Boluchimys barryi</td>
<td>(01) within terminal</td>
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<tr>
<td>Archetypomys erlichii</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Tribosphenomys montezumae</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Cocomyx ligchaensis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Reithroparomys dimidiatu</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Birbalomys sondai</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Tamaniyomys diaspieri</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Chapattiomyx wilseni</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Ottomaniaproaenii</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Bugtimys zafarului</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Hodsahibia azraei</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>'Waslams' attilai</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Phiomys hammadai</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Cachiyacuy contai</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eoesspina woodi-E</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Canaaniomyx maquieri</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Protosteiromys montezumae</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eoesteiromys homolothrus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Branisamypsis australis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neosteiromys patagoniensis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Erithizon dorsata</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Coendouprehensilis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Steiromys dentatus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Hypsosteiromys australis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Chaetochemys subspissi</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Palaeosteiromys</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Austroloprocta flavipes</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Asteromys punctatus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Dolichotis patagonis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Hydrochoerus hydromystes</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Cavia aperaeanus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Galeaspixi</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neoreomys austriacus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Branisamys luriobi</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Dasyproctidae</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Cuniculus paca-tatus</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eoincamys pascualis</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Incamys boliviensis</td>
<td>(01) within terminal</td>
</tr>
</tbody>
</table>

240 (Fusion of the) 1,000
Hsearch_Consensus.out
243 (Posterior pro) 0.333

1 node_179 3 ==> 2 Plathanoptomys col
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Coconmy ligmaen 0 --> (01) (within terminal)
1 Reithropamys d 0 --> (01) (within terminal)
1 Birbalomy s sonda 0 --> (01) (within terminal)
1 Tamquaomy s dispi 0 --> (01) (within terminal)
1 Chappotti mys wils 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Bugtimys zafar 0 --> (01) (within terminal)
1 Hodsahbi a azrae 0 --> (01) (within terminal)
1 Waslamys 'attia 0 --> (01) (within terminal)
1 Phiomys hammu 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoeselina woodi-E 0 --> (01) (within terminal)
1 Canaani mys maqui 0 --> (01) (within terminal)
1 node_198 0 --> 1 node_141
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Braniasmyopsia s a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erithizon dorsi 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteiiromys a 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 node_131 1 --> 0 Hydrochoerus hyd
1 node_134 1 --> 0 Perimys intermed
1 Neoreomys austra 1 --> (01) (within terminal)
1 Braniasmys lurib 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Cuniculus pacat 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microscleromy s p 0 --> (01) (within terminal)
1 Scleromy s quadra 0 --> (01) (within terminal)
1 Scleromy s 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 Neoepli blema amb 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromy s osborn 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromy s prae cu 0 --> (01) (within terminal)
1 Chambiramy s ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy s 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 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Galileomy s euryg 0 --> (01) (within terminal)
1 Willi dewu estepa 0 --> (01) (within terminal)
1 Prospaniomy s pri 0 --> (01) (within terminal)
1 Spaniomy s ripari 0 --> (01) (within terminal)
1 Myocastor coupy 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 Echiomy s chrysur 0 --> (01) (within terminal)
1 Makalata dideph 0 --> (01) (within terminal)
1 Protadelphomy s 0 --> (01) (within terminal)

Pge p
2 Cocomyis ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquaammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtymys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
1 node_198 1 --> 2 node_141
2 Protosteiromys m 2 --> (012) (within terminal)
2 Eosteiromys homo 2 --> (012) (within terminal)
2 Branisamyopsis a 2 --> (012) (within terminal)
2 Neosteiromys pat 2 --> (012) (within terminal)
2 Erethizon dorsat 2 --> (012) (within terminal)
2 Coendou prehensi 2 --> (012) (within terminal)
2 Steiromys detent 2 --> (012) (within terminal)
2 Hypsosteiromys a 2 --> (012) (within terminal)
2 Palaeosteiromys 2 --> (012) (within terminal)
2 Australoprocta f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
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 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Branisamyops lurib 2 --> (012) (within terminal)
2 Dasyprocta 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

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

1 node_148 1 --> 2 node_145
1 node_148 1 --> 0 node_147
2 Lagostomus maxim 0 --> (012) (within terminal)
2 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curru 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 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokephalos ze 1 --> (012) (within terminal)
2 Platypttamy sm br 1 --> (012) (within terminal)
2 Deseadomys aramb 1 --> (012) (within terminal)
2 Acaremys murinus 1 --> (012) (within terminal)
2 Sciampys principa 1 --> (012) (within terminal)
2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomy s pri 1 --> (012) (within terminal)
2 Spaniomy s ripari 1 --> (012) (within terminal)
2 Myocastor coypus 1 --> (012) (within terminal)
2 Proechi mys cuvie 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
2 Thrichomys apere 1 --> (012) (within terminal)
2 Protadelphomy s l 1 --> (012) (within terminal)
2 Euryzygomatomy s 1 --> (012) (within terminal)
2 Mesocapromys/Mys 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Xenodonomys 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)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmons a 1 --> (012) (within terminal)
2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacrechimys 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 ucayalie 1 --> (012) (within terminal)
2 Tarapotomys mayo 1 --> (012) (within terminal)
2 Tarapotomys suba 1 --> (012) (within terminal)
2 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchimys barry 1 --> (012) (within terminal)
4 Archetypomys erl 1 --> (01234) (within terminal)
4 Tribosphenomys m 1 --> (01234) (within terminal)
4 Cocomys ligchaen 1 --> (01234) (within terminal)
4 Reithroparamys d 1 --> (01234) (within terminal)
4 Birbalomys sonda 1 --> (01234) (within terminal)

249 (*Number of la) 0.667
Hsearch_Consensus.out
4 Tamqua mmys dispis 1 --> (01234) (within terminal)
4 Chapattimys wils 1 --> (01234) (within terminal)
4 Ottomania proavi 1 --> (01234) (within terminal)
4 Bugtimys zafarul 1 --> (01234) (within terminal)
4 Hodshibia azrae 1 --> (01234) (within terminal)
4 ‘Waslamys’ attia 1 --> (01234) (within terminal)
4 Phiomys hammudai 1 --> (01234) (within terminal)
4 Cachiyacuy conta 1 --> (01234) (within terminal)
4 Eoespina woodi-E 1 --> (01234) (within terminal)
4 Canaanimys maqui 1 --> (01234) (within terminal)

1 node 198 1 --> 2 node 141
4 Protosteieroms m 2 --> (01234) (within terminal)
4 Eosteiromys homo 2 --> (01234) (within terminal)
4 Branisamyopsis a 2 --> (01234) (within terminal)
4 Neosteiromys pat 2 --> (01234) (within terminal)
4 Erethizon dorsat 2 --> (01234) (within terminal)
4 Coendou prehensi 2 --> (01234) (within terminal)
4 Steiromys detent 2 --> (01234) (within terminal)
4 Hypsosteieroms a 2 --> (01234) (within terminal)
4 Palaeosteieroms 2 --> (01234) (within terminal)

2 node 140 2 --> 4 node 138
4 Australoproca f 4 --> (01234) (within terminal)
4 Luantus propheti 4 --> (01234) (within terminal)
4 Asteromys punctu 4 --> (01234) (within terminal)
4 Dolichotis patag 4 --> (01234) (within terminal)
4 Cavia aperea 4 --> (01234) (within terminal)
4 Galea spixii 4 --> (01234) (within terminal)
4 Perimys intermed 4 --> (01234) (within terminal)
4 Neoreomys austra 4 --> (01234) (within terminal)
4 Branisamyurs lurib 4 --> (01234) (within terminal)
4 Dasyprocta 2 --> (01234) (within terminal)
4 Eoincamys pascua 1 --> (01234) (within terminal)
4 Incamys bolivian 1 --> (01234) (within terminal)
4 Microscleromys p 1 --> (01234) (within terminal)
4 Scleromys quadra 1 --> (01234) (within terminal)

Pge p
Hsearch_Consensus.out

4 Scleromys angust 1 --> (01234) (within 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) (within terminal)
4 Scleromys osborn 1 --> (01234) (within terminal)
4 Garridomys curru 1 --> (01234) (within terminal)
4 Eoviscaccia fras 1 --> (01234) (within terminal)
4 Eoviscaccia aust 1 --> (01234) (within terminal)
4 Scleromys praecu 1 --> (01234) (within terminal)
4 Chambiramys ship 1 --> (01234) (within terminal)
4 Eoincamys parvus 1 --> (01234) (within terminal)
4 Chambiramys sylv 1 --> (01234) (within terminal)
4 Eoincamys valver 1 --> (01234) (within terminal)
4 Eoincamys ameghi 1 --> (01234) (within terminal)
4 Draconomys verai 1 --> (01234) (within terminal)
4 Leucokephalos ze 1 --> (01234) (within terminal)
4 Platypttamyb br 1 --> (01234) (within terminal)
4 Deseadomys aramb 1 --> (01234) (within terminal)
4 Acaremys murinus 1 --> (01234) (within terminal)
4 Sciamys principa 1 --> (01234) (within terminal)
4 Galileomys euryg 1 --> (01234) (within terminal)
4 Willidewu estepa 1 --> (01234) (within terminal)
4 Prospaniomys pri 1 --> (01234) (within terminal)
4 Spaniomys ripari 1 --> (01234) (within terminal)
4 Myocastor coypus 1 --> (01234) (within terminal)
4 Proechimys cuvie 1 --> (01234) (within terminal)
4 Maruchito trilof 1 --> (01234) (within terminal)
4 Thrichomys apere 1 --> (01234) (within terminal)
4 Protadelphomys l 1 --> (01234) (within terminal)
4 Euryzygmatomys 1 --> (01234) (within terminal)
4 Mesocapromys/ Mys 1 --> (01234) (within terminal)
4 Xenodontomys sim 1 --> (01234) (within terminal)
4 Ctenomys bolivie 1 --> (01234) (within terminal)
4 Neophanomys bipl 1 --> (01234) (within terminal)
4 Pithanotomys co 1 --> (01234) (within terminal)

Page p
Hsearch_Consensus.out

3 Bugtimys zafarul 2 --> (0123) (within terminal)
3 Hodshabiba azrae 2 --> (0123) (within terminal)
3 Phiomys hammudai 2 --> (0123) (within terminal)
3 Cachiyacuy conta 2 --> (0123) (within terminal)
3 Canaanimys maqui 2 --> (0123) (within terminal)
1 node_205 2 --> 1 node_204
1 node_198 1 ==> 0 node_141
3 Protosteiromys m 0 --> (0123) (within terminal)
3 Neosteiromys pat 0 --> (0123) (within terminal)
3 Palaeosteiromys 0 --> (0123) (within terminal)
3 Australoprocta f 0 --> (0123) (within terminal)
1 node_137 0 --> 1 node_136
1 node_135 1 --> 0 Asteromys punctu
1 node_131 1 --> 0 Dolichotis patag
1 node_132 1 --> 0 Cavia aperea
1 node_132 1 --> 2 Galea spixi
3 Branisamys lurib 0 --> (0123) (within terminal)
3 Eoincamys pascua 1 --> (0123) (within terminal)
3 Microscleromys 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 Dinomys branicki
1 node_146 1 --> 2 Chinchilla lanig
1 node_151 0 ==> 1 Eoviscaccia fras
3 Scleromys praece 1 --> (0123) (within terminal)
3 Chambiramys ship 1 --> (0123) (within terminal)
3 Eoincamys parvus 1 --> (0123) (within terminal)
3 Chambiramys sylv 1 --> (0123) (within terminal)
3 Eoincamys valver 1 --> (0123) (within terminal)
3 Eoincamys ameghi 1 --> (0123) (within terminal)
1 node_167 1 --> 2 node_166
1 node_163 2 --> 1 Deseadomys aramb
1 node_164 2 --> 1 Acaremys murinus
3 Prospaniomys pri 1 --> (0123) (within terminal)
3 Spaniomys ripari 1 --> (0123) (within terminal)
3 Myocastor coypus 1 --> (0123) (within terminal)
3 Proechimys cuvie 1 --> (0123) (within terminal)
3 Maruchtito trilof 1 --> (0123) (within terminal)
3 Thrichomys aper 1 --> (0123) (within terminal)
3 Echimys chrysuru 1 --> (0123) (within terminal)
3 Makalata didelph 1 --> (0123) (within terminal)
Pge p
Hsearch_Consensus.out

3 Euryzygomatoomys 1 --> (0123) (within terminal)
3 Mesocapromys/Mys 1 --> (0123) (within terminal)
3 Xenodontomys sim 1 --> (0123) (within terminal)
3 Ctenomys bolivie 1 --> (0123) (within terminal)
3 Neophanomys bipl 1 --> (0123) (within terminal)
3 Pithanotomys col 1 --> (0123) (within terminal)
3 Octodon degus 1 --> (0123) (within terminal)
3 Spalacopus cyanu 1 --> (0123) (within terminal)
3 Abrocoma bennett 1 --> (0123) (within terminal)
3 Adelphomys candi 1 --> (0123) (within terminal)
3 Prostichomys bow 1 --> (0123) (within terminal)
3 Stichomys regula 1 --> (0123) (within terminal)
3 Dudumus ruigomez 1 --> (0123) (within terminal)
3 Pampamys emmonsa 1 --> (0123) (within terminal)
3 Caviocricetus lu 1 --> (0123) (within terminal)
3 Plesiacaarechmys 1 --> (0123) (within terminal)
1 node_193 1 ==> 2 Sallamys pascual
3 Mayomys confuen 1 --> (0123) (within terminal)
3 Eosallamys paula 1 --> (0123) (within terminal)
3 Shapajamys laboc 1 --> (0123) (within terminal)
3 Eobranisamys rom 1 --> (0123) (within terminal)
3 Eobranisamys jav 1 --> (0123) (within terminal)
3 Pozomys ucayalie 1 --> (0123) (within terminal)
3 Tarapotomys mayo 1 --> (0123) (within terminal)
3 Tarapotomys suba 1 --> (0123) (within terminal)
3 Cachiyacuy kumme 2 --> (0123) (within terminal)
3 Thryonomys swind 2 --> (0123) (within terminal)
3 Paraphiomys pigo 2 --> (0123) (within terminal)
3 Metaphiomys scha 2 --> (0123) (within terminal)
3 Acritophiomys bo 2 --> (0123) (within terminal)
3 Baluchimys barry 2 --> (0123) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 node_217 1 ==> 0 node_118
1 Chapatti mys wil 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtimys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)

253 (Width of p4/m) 0.111
Hsearch_Consensus.out

2 Canaani mys maqui 2 --> (012) (within terminal)
2 Proto steiromys m 2 --> (012) (within terminal)
2 Neo steiromys pat 2 --> (012) (within terminal)
1 node_129 2 ==> 1 Chaetomys subspi
2 Palaeoste iromys 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 maxim
2 Scleromys prae cu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys par vus 2 --> (012) (within terminal)
2 Eoincamys val ver 2 --> (012) (within terminal)
1 Platypittamys br 2 --> (12) (within terminal)
2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Myocastor cuypus 2 --> (012) (within terminal)
2 Proechimys cuv i e 2 --> (012) (within terminal)
2 Maruchito tri lof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Makalata didelph 2 --> (012) (within terminal)
2 Euryzygomatomys 2 --> (012) (within terminal)
2 MesocapromysMys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys bipl 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)
Hsearch_Consensus.out

2  Myocastor coypus 1 --> (012) (within terminal)
2  Proechimys cuvie 1 --> (012) (within terminal)
2  Maruchito trilof 1 --> (012) (within terminal)
2  Thrichomys apero 1 --> (012) (within terminal)
2  Echimys chrysuru 1 --> (012) (within terminal)
2  Makalata didelph 1 --> (012) (within terminal)
2  Euryzygomatics 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)
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)
2  Prostichomys bow 1 --> (012) (within terminal)
2  Stichomys regula 1 --> (012) (within terminal)
2  Dudumus ruigomez 1 --> (012) (within terminal)
2  Pampamys emmonsa 1 --> (012) (within terminal)
2  Caviocricetus lu 1 --> (012) (within terminal)
2  Plesiacarechimys 1 --> (012) (within terminal)

1  node_193 1 ==> 2  Sallamys pascual
2  Eosallamys paula 1 --> (012) (within terminal)
2  Eobranisamys rom 1 --> (012) (within terminal)
2  Eobranisamys jav 1 --> (012) (within terminal)

1  node_203 1 --> 2  node_202
2  Tarapotomys suba 2 --> (012) (within terminal)
2  Cachiyaucuy kumme 1 --> (012) (within terminal)
2  Thryonomys swind 1 --> (012) (within terminal)
2  Paraphiomys pigo 1 --> (012) (within terminal)
2  Metaphiomys scha 1 --> (012) (within terminal)
2  Acritophiomys bo 1 --> (012) (within terminal)
2  Baluchimys barry 1 --> (012) (within terminal)

257 (Metaconid-pro) 0.333

1  Archetypomys erl 0 --> (01) (within terminal)
1  node_217 0 ==> 1  node_118

Pge p
Hsearch_Consensus.out

1 Canaаниmys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteirromys pat 0 --> (01) (within terminal)
1 Palaeosteirromys 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 node_143 0 ==> 1 Scleromys quadra
1 Potamarchus muri 0 --> (01) (within terminal)
1 node_146 0 ==> 1 Chinchilla lanig
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscacca fras 0 --> (01) (within terminal)
1 Scleromys prae 0 --> (01) (within terminal)
1 Chambiramy ship 0 --> (01) (within terminal)
1 Eoicamys parvus 0 --> (01) (within terminal)
1 Eoicamys valver 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomyms ripari 0 --> (01) (within terminal)
1 Myocastor cooper 0 --> (01) (within terminal)
1 Proechimys cuvier 0 --> (01) (within terminal)
1 Maruchito trimof 0 --> (01) (within terminal)
1 Thricomys aper 0 --> (01) (within terminal)
1 Echi mys chrysuro 0 --> (01) (within terminal)
1 Makalata didelp 0 --> (01) (within terminal)
1 Euryzygatomyl 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 Pithanotomys co 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 Adephomys cangi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocrictus lu 0 --> (01) (within terminal)
1 Plesiaca rechi 0 --> (01) (within terminal)
1 Eosallamyms paula 0 --> (01) (within terminal)
1 Eobranismys rom 0 --> (01) (within terminal)
1 Eobranismys jay 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thyrionomys wind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 node_216 1 ==> 0 Tamquammys dispi
1 Cachiyacuy conta 1 --> (12) (within terminal)
1 Eoespina woodi-E 1 --> (12) (within terminal)
1 node_127 1 --> 2 node_126
1 node_125 2 --> 1 Erethizon dorsat
1 Erethizon dorsat 1 --> (01) (within terminal)
1 node_140 1 --> 2 node_138
1 node_137 2 --> 1 Asteromyms punctu
1 node_142 1 --> 2 Incamys bolivi
1 node_153 1 ==> 2 node_150
1 node_143 2 ==> 1 Scleromys quadra
1 node_146 2 ==> 1 Chinchilla lanig
1 Acaremys murinu 1 --> (12) (within terminal)
1 node_196 1 ==> 2 Mayomys confliuen
1 node_201 1 --> 2 node_200
1 Archetypomys erl 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
Hsearch_Consensus.out
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Parmaphiomyys pigo 0 --> (01) (within terminal)
1 Metaphiomyys scha 0 --> (01) (within terminal)
1 Acritophiomyys bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Coomys ligchaen 1 --> 0
1 Tamqua mmys d'jivi 0 --> (01) (within terminal)
1 node_215 0 --> 1 node_214
1 node_120 1 --> 0 node_119
1 Pliomys hammu'dai 1 --> (01) (within terminal)
1 Eoespina woodi - E 1 --> (01) (within terminal)
1 node_130 0 --> 0 node_129
1 node_140 1 --> 0 node_138
1 Luantus propheti 0 --> (02) (within terminal)
1 Braniomys luri b 0 --> (01) (within terminal)
1 Incamys bolivi an 1 --> (01) (within terminal)
1 node_149 1 --> 2 node_143
1 Scleromys angust 2 --> (12) (within terminal)
1 node_153 1 ==/> 0 node_152
1 node_195 1 ==/> 0 node_194
1 Acaremys murinus 1 --> (01) (within terminal)
1 Achety topomys erl 0 --> (01) (within terminal)
1 node_213 0 ==/> 1 Ottomania proavi
1 Canaanimys maqu i 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Chaetomys subsp i 0 --> (01) (within terminal)
1 Paleosteiromys 0 --> (01) (within terminal)
1 node_137 0 ==/> 1 node_136
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 australis 0 --> (01) (within terminal)
1 node_139 0 ==/> 1 Cuniculus paca - t
1 node_156 0 --> 1 node_155
1 Microscleromys p 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angust 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 Sc leromys osborni 1 --> (01) (within terminal)
1 Eoviscacchi fract 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_195 0 ==/> 1 node_194
1 Ski amys prin cipa 1 --> (01) (within terminal)
1 Prospaniomyys pri 1 --> (01) (within terminal)
1 Spaniomyys 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 aper 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 Eurzygomatomys 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 1 --> (01) (within terminal)
1 Neophasomys biipl 1 --> (01) (within terminal)
1 Pithanomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)

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Hsearch_Consensus.out

1 Spalacopus cyanu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomy s candi 1 --> (01) (within terminal)
1 Prostichomy s bow 1 --> (01) (within terminal)
1 Stichomy s regula 1 --> (01) (within terminal)
1 Dudunus ruigomez 1 --> (01) (within terminal)
1 Pampamy s emmons 1 --> (01) (within terminal)
1 Caviocriset us lu 1 --> (01) (within terminal)
1 Plesiacarechim ys 1 --> (01) (within terminal)
1 Eosallamy s paula 0 --> (01) (within terminal)
1 Eobransamy s rom 0 --> (01) (within terminal)
1 Eobransamy s jav 0 --> (01) (within terminal)
1 Tarapotomys m ay 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thr yonomys wind 0 --> (01) (within terminal)
1 Paraphiom yms pigo 0 --> (01) (within terminal)
1 Metaphiom yms scha 0 --> (01) (within terminal)
1 Baluchi my s pigo 0 --> (01) (within terminal)
1 Archetypomy s eri 0 --> (01) (within terminal)
1 node_118 0 ==> 1 Birbalomys sonda
1 node_216 0 --> 1 node_215
1 Ottomania proavi 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Prote storimys m 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeo steiromys 1 --> (01) (within terminal)
1 Luantus proph et 1 --> (01) (within terminal)
1 Asteromy s punctu 1 --> (01) (within terminal)
1 Dolichotis pat 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 intermedi 1 --> (01) (within terminal)
1 Neoreomy s aust 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Inc amys bolivi an 1 --> (01) (within terminal)
1 Microscle romys p 1 --> (01) (within terminal)
1 Scler omy s quadra 1 --> (01) (within terminal)
1 Scler omy s angust 1 --> (01) (within terminal)
1 Drytomomy s aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys brani cki 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Slackromys osborn 1 --> (01) (within terminal)
1 Garridomy s curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Sclero my s praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoincamy s parvus 1 --> (01) (within terminal)
1 Eoincamy s valver 1 --> (01) (within terminal)
1 Dracomoms verai 1 --> (01) (within terminal)
1 Leucokeph aloes ze 1 --> (01) (within terminal)
1 Platycttamy s br 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Acaremys murinus 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 Spanomy s ripari 1 --> (01) (within terminal)
1 Myocastor corp 1 --> (01) (within terminal)
1 Proechim yus cuvie 1 --> (01) (within terminal)
1 Maruchito trilo 1 --> (01) (within terminal)
1 Thricomys apere 1 --> (01) (within terminal)
1 Echimys chrysur 1 --> (01) (within terminal)
1 Makalata didel ph 1 --> (01) (within terminal)
1 Protodelphomy s 1 --> (01) (within terminal)

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264 (Thickness of ) 0.500
Hsearch Consensus.out

1 'Waslams' attia 1 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaani myms maqui 0 --> (01) (within terminal)
1 Protosteir omyms m 0 --> (01) (within terminal)
1 Branisamypsis a 0 --> (01) (within terminal)
1 Neosteir omyms pat 0 --> (01) (within terminal)
1 Eretihzon dorsat 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteir omyms 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 node_136 0 ==> 1 node_135
1 Dolichotis pata g 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper ea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neore omyms austra 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 node_143 0 ==> 1 Scler omyms quadr a
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_152 0 --> 1 node_151
1 Eoviscaccia fra 1 --> (01) (within terminal)
1 Scler omyms praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Leuc okephalos ze 0 --> (01) (within terminal)
1 node_192 0 --> 1 node_167
1 Platypittamyms br 1 --> (01) (within terminal)
1 Sci amys principa 1 --> (01) (within terminal)
1 Willi dew est epa 1 --> (01) (within terminal)
1 Prospani omyms pri 0 --> (01) (within terminal)
1 Spani omyms ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito tril of 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didel p 0 --> (01) (within terminal)
1 Euryzyg omat omyms 0 --> (01) (within terminal)
1 Mesocapromyms/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 Pithanatomyms 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 Adelphomyms candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rui go mez 0 --> (01) (within terminal)
1 Pam pamyms emmons a 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesi acarechimys 0 --> (01) (within terminal)
1 Sallamys pascual 0 --> (01) (within terminal)
1 Eosallamyms paula 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 node_203 0 --> 1 node_202
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryanatomyms swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophi omyms bo 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
Hsearch_Consensus.out

1  Spalacopus cynus 0 --> (01) (within terminal)
1  Abrocoma bennettt 0 --> (01) (within terminal)
1  Adelphomyu candi 0 --> (01) (within terminal)
1  Prostichomyu bow 0 --> (01) (within terminal)
1  Sticho mu regul 0 --> (01) (within terminal)
1  Du du mu ruigome 0 --> (01) (within terminal)
1  Pampamyu emmonsa 0 --> (01) (within terminal)
1  Cavio cricetu lu 0 --> (01) (within terminal)
1  Plesia acarechimy s 0 --> (01) (within terminal)
1  Sallamyu pascau 0 --> (01) (within terminal)
1  Eosallamyu paula 0 --> (01) (within terminal)
1  Shapajamyu laboc 0 --> (01) (within terminal)
1  Eobramy antis rom 0 --> (01) (within terminal)
1  Eobramy antis ja 0 --> (01) (within terminal)
1  Pozomyu ucalali e 0 --> (01) (within terminal)
1  Tarapoto myu suba 0 --> (01) (within terminal)
1  Thy romomyu swind 0 --> (01) (within terminal)
1  Paraphimyus pigo 0 --> (01) (within terminal)
1  Metaphimyus scha 0 --> (01) (within terminal)
1  Acritophys myu bo 0 --> (01) (within terminal)
1  Baluchimyus barry 0 --> (01) (within terminal)
1  Archi tphimyus erl 0 --> (01) (within terminal)
1  Tribosphenomyu m 0 --> (01) (within terminal)
1  Cocomyu ligchaen 0 --> (01) (within terminal)
1  Reithroparamy s d 0 --> (01) (within terminal)
1  Birbalomyu sonda 0 --> (01) (within terminal)
1  Tamaqumy u dispi 0 --> (01) (within terminal)
1  Chapatti myus wil s 0 --> (01) (within terminal)
1  Ottomaniap raoovi 0 --> (01) (within terminal)
1  Hodsa habia azrae 0 --> (01) (within terminal)
1  'Waslamyu' attia 0 --> (01) (within terminal)
1  Canaani myu maqui 0 --> (01) (within terminal)
1  Protosteiromy s m 0 --> (01) (within terminal)
1  Eosteiromy us homo 0 --> (01) (within terminal)
1  Neosteiromy us pat 0 --> (01) (within terminal)
1  Coendou p rhensi 0 --> (01) (within terminal)
1  Hypsosteiromy sa 0 --> (01) (within terminal)
1  Chae tomyu subspi 0 --> (01) (within terminal)
1  Palaeosteiromy s 0 --> (01) (within terminal)
1  Luantus propheti 0 --> (01) (within terminal)
1  Asteromy u punctu 0 --> (01) (within terminal)
1  Dolichotis patag 0 --> (01) (within terminal)
1  Hydrochoerus hyd 0 --> (01) (within terminal)
1  Cavia aper 0 --> (01) (within terminal)
1  Galea spixii 0 --> (01) (within terminal)
1  Perimy s intermed 0 --> (01) (within terminal)
1  Neoreomy u austra 0 --> (01) (within terminal)
1  Branimys lurib 0 --> (01) (within terminal)
1  Dasyprocta 0 --> (01) (within terminal)
1  Eoincamys pascua 0 --> (01) (within terminal)
1  Microscleromy s p 0 --> (01) (within terminal)
1  node_153 0 --> 1 node_150
1  Scleromy u quadra 1 --> (01) (within terminal)
1  Scleromy u angust 1 --> (01) (within terminal)
1  Potamarchus muri 1 --> (01) (within terminal)
1  Neoeplbema ambr 1 --> (01) (within terminal)
1  Chinchilla lanig 1 --> (01) (within terminal)
1  Lagidi um viscaci 1 --> (01) (within terminal)
1  Lagostomus max 1 --> (01) (within terminal)
1  Eoviscaccia fras 0 --> (01) (within terminal)
1  Eoviscaccia aust 0 --> (01) (within terminal)
1  Scleromyu prae 0 --> (01) (within terminal)
1  Chambiramys ship 0 --> (01) (within terminal)
1  Eoincamy u parvus 0 --> (01) (within terminal)
1  node_159 0 --> 1 Chambiramys sylv
1  Eoincamy v aTver 0 --> (01) (within terminal)
1  Eoincamy amegh 0 --> (01) (within terminal)
1  Draconomyu verai 0 --> (01) (within terminal)

Pge p

273 (Mesialellar o) 0.857
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<th>Intensity</th>
<th>Position</th>
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<td>Ctenomys bolivie</td>
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Hsearch_Consensus.out

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 Brocota bennett 0 --> (01) (within terminal)
1 Adolphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regular 0 --> (01) (within terminal)
1 Dudunus ruigomez 0 --> (01) (within terminal)
1 Pampomys emmons 0 --> (01) (within terminal)
1 Caviocrictetus f 0 --> (01) (within terminal)
1 Plesiacrechimys 0 --> (01) (within terminal)
1 Salamys pascual 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 node_201 0 --> 1 node_200
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acrithophiomys bo 0 --> (01) (within terminal)
1 Baluchmys barry 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 Tarapotomys dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtimmys zafarul 0 --> (01) (within terminal)
1 Waslamys' attia 0 --> (01) (within terminal)
1 Ptyomys hammudai 0 --> (01) (within terminal)
1 Cooaamiys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteirromys homo 0 --> (01) (within terminal)
1 Branisamys pascua 0 --> (01) (within terminal)
1 Neosteirromys pat 0 --> (01) (within terminal)
1 node_127 0 ==> 1 Steirromys detent
1 Hypsosteirromys a 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteirromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantus prohepi 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavial aerea 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 lurib 0 --> (01) (within terminal)
1 Dasyprocta c 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Eoindamys pascua 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Scleromys anugst 0 --> (01) (within terminal)
1 Drytommys equea 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys brani 0 --> (01) (within terminal)
1 Neoepiblema amb 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)

Pge p

278 (Length of the) 1.000
Hsearch_Consensus.out

1  Eoincamys valver 1 --> (01) (within terminal)
1  Prospaniomys pri 1 --> (01) (within terminal)
1  Spaniomys ripari 1 --> (01) (within terminal)
1  Myocastor cyopus 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 chrysuri 1 --> (01) (within terminal)
1  Makalata didelph 1 --> (01) (within terminal)
1  Euryzygomatomy 1 --> (01) (within terminal)
1  Mesocapromys/Mys 1 --> (01) (within terminal)
1  Xenodontomy 1 --> (01) (within terminal)
1  Ctenomys bolivi 1 --> (01) (within terminal)
1  Neophanomys bipl 1 --> (01) (within terminal)
1  Pithanomys 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  Adelphomy 1 --> (01) (within terminal)
1  Prostichomys bow 1 --> (01) (within terminal)
1  Stichomy 1 --> (01) (within terminal)
1  Dudumus ruigomez 1 --> (01) (within terminal)
1  Pampamy 1 --> (01) (within terminal)
1  Caviloricate 1 --> (01) (within terminal)
1  Plesiacarechimys 1 --> (01) (within terminal)
1  Eosallamy 1 --> (01) (within terminal)
1  Eobranisamy 1 --> (01) (within terminal)
1  Eobranisamy 1 --> (01) (within terminal)
1  Tarapotomys suba 1 --> (01) (within terminal)
1  Thyronomy 1 --> (01) (within terminal)
1  Paraphiomy 1 --> (01) (within terminal)
1  Metaphiomy 1 --> (01) (within terminal)
1  Baluchi 1 --> (01) (within terminal)
1  Archetypomys erl 1 --> (01) (within terminal)
2  Tribosphenomy 1 --> (01) (within terminal)
2  Cocomy 1 --> (01) (within terminal)
1  node 216 1 ==> 2 node 215
2  Ottomania pr 1 --> (01) (within terminal)
2  Canaan 1 --> (01) (within terminal)
2  Protosteiromys 1 --> (01) (within terminal)
2  Neoste 1 --> (01) (within terminal)
2  Palaeoste 1 --> (01) (within terminal)
2  Australoprocta f 1 --> (01) (within terminal)
2  Luantus 1 --> (01) (within terminal)
2  Dolichotis patag 1 --> (01) (within terminal)
2  Hydrochoerus hyd 1 --> (01) (within terminal)
2  Cavlia aperea 1 --> (01) (within terminal)
2  Galea spixii 1 --> (01) (within terminal)
2  Perimys intermed 1 --> (01) (within terminal)
2  Neoreomys australa 1 --> (01) (within terminal)
2  Dasyprocta 1 --> (01) (within terminal)

Pge p

280 (*Height of th) 0.667
Hsearch_Consensus.out

1 node_135 0 --> 1 node_134
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1 Hydrochoerus hydrochaeris 1 --> (01) (within terminal)
1 Cavia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neoreomys australis 0 --> (01) (within terminal)
1 Brani sademys lurib 0 --> (01) (within terminal)
1 Dasypodidae 0 --> (01) (within terminal)
1 node_156 0 --> 1 node_155
1 Licania boliviensis 1 --> (01) (within terminal)
1 Micrasceleromys pili 1 --> (01) (within terminal)
1 Scleromys quadra 1 --> (01) (within terminal)
1 Scleromys angustidens 1 --> (01) (within terminal)
1 Drytomys aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoeotiblania ambr 1 --> (01) (within terminal)
1 Chinchilla lanigera 1 --> (01) (within terminal)
1 Lagidium viscase 1 --> (01) (within terminal)
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Scleromys osborni 1 --> (01) (within terminal)
1 Eo viscarcacia fraxini 1 --> (01) (within terminal)
1 Eo viscarcacia australis 1 --> (01) (within terminal)
1 Scleromys praecox 1 --> (01) (within terminal)
1 Chambiramus ship 0 --> (01) (within terminal)
1 Eo inca mus parvus 0 --> (01) (within terminal)
1 Chambiramus sylviae 0 --> (01) (within terminal)
1 Eo inca mus valverdei 0 --> (01) (within terminal)
1 Eo inca mus a meghi 1 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos zebratus 0 --> (01) (within terminal)
1 Platypittamus brachyurus 0 --> (01) (within terminal)
1 Galileomys erythros 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospanomys pri 0 --> (01) (within terminal)
1 Span iomys ripari 0 --> (01) (within terminal)
1 Myocaster coypus 0 --> (01) (within terminal)
1 Praechincus cuvieri 0 --> (01) (within terminal)
1 Maruchito trilobus 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysura 0 --> (01) (within terminal)
1 Makalata didelphina 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomaticomys 0 --> (01) (within terminal)
1 Mesocapromys simoni 0 --> (01) (within terminal)
1 Xenodontomys boliviensis 0 --> (01) (within terminal)
1 Ctenomys boliviensis 0 --> (01) (within terminal)
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1 Pithanotomys collaris 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 Prostlifetime 0 --> (01) (within terminal)
1 Stichomys regularis 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmonsii 0 --> (01) (within terminal)
1 Caviocricetus luteus 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pasquali 0 --> (01) (within terminal)
1 Eosallamys paulo 0 --> (01) (within terminal)
1 Shapajamys labo 0 --> (01) (within terminal)
1 Eobranisamys romero 0 --> (01) (within terminal)
1 Eobranisamys javae 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayoc 0 --> (01) (within terminal)
1 Tarapotomys subarum 0 --> (01) (within terminal)
1 Cachi yacuykumme 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
1 node_215 1 --> 0 Chapattimys wils
2 Ottomania pröavi 1 --> (012) (within terminal)
1 node_120 1 --> 2 node_119
1 node_205 1 --> 2 node_122
2 Canaanimys mâqui 2 --> (012) (within terminal)
1 node_205 1 --> 0 node_204
1 node_130 0 --> 1 node_128
2 Protosteiromys m 1 --> (012) (within terminal)
1 node_126 1 --> 2 node_124
2 Neosteiromys pat 2 --> (012) (within terminal)
2 Palaeosteiromys 0 --> (012) (within terminal)
2 Australoprocta f 0 --> (012) (within terminal)
1 node_135 0 --> 1 Asteromys punctu
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)
1 Branisamys lurib 0 --> (01) (within terminal)
2 Dasyprocta 0 --> (012) (within terminal)
1 node_195 0 --> 1 node_161
1 node_156 1 --> 0 node_155
2 Potamarchus muri 0 --> (012) (within terminal)
2 Lagostomus maxim 0 --> (012) (within terminal)
2 Eoviscaccia fras 0 --> (012) (within terminal)
2 Scleromys praecu 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Draconomys verai 0 --> (012) (within terminal)
2 node_163 0 --> 2 Deseadomys aramb
2 Galileomys euryg 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)

284 (Posterior is) 0.474
Hsearch_Consensus.out

2 Proechimys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys apero 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 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 bolivie 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 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmonsa 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (012) (within terminal)
2 Eosallamys paula 0 --> (012) (within terminal)
2 Shapajamy 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 Cachiyacuy kumme 1 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
1 node_211 1 ==> 0 Acritophiomys bo
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<th>Consensus</th>
<th>Archetypomys barry</th>
<th>Baluchimys barry</th>
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<tr>
<td>Canaanimys maqui</td>
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**287 (Labial connect)** 0.833

| 1 Node_120 2 ==> 0 'Wasl amys' attia |
| 1 Node_207 2 ==> 0 Phiomys hammuda |
| 1 Eoespina woodi - E 2 ==> (12) (within terminal) |
| 1 Node_163 2 ==> 1 Platypittamys br |
| 1 Node_164 2 ==> 1 Sciamys principa |
| 1 Galileomys euryg 2 ==> (12) (within terminal) |
| 1 Sallamys pascua 2 ==> (02) (within terminal) |
| 1 Acar esmys murin 2 ==> (23) (within terminal) |

**288 (Posterior cri)** 1.000

| 1 Archetypomys erl 0 --> (01) (within terminal) |
| 1 Tribosphenomy 0 --> (01) (within terminal) |
| 1 Cocomys ligcaen 0 --> (01) (within terminal) |
| 1 Reithropar omys d 0 --> (01) (within terminal) |
| 1 Tamqua mmys dispi 0 --> (01) (within terminal) |
| 1 Ottomani proavi 0 --> (01) (within terminal) |
| 1 Canana my maqui 0 --> (01) (within terminal) |
| 1 Protoste romys m 0 --> (01) (within terminal) |
| 1 Neosteiromys pat 0 --> (01) (within terminal) |
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1 Palaeosteiromys 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 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyx praece 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)

1 node_167 0 ==> 1 node_166
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 aperse 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Eurzygymatomi 0 --> (01) (within terminal)
1 Mesocapromys/Myr 0 --> (01) (within terminal)
1 Xenodontomyx sim 0 --> (01) (within terminal)
1 Ctenomyx bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cuanu 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyx candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pamamys emmons 0 --> (01) (within terminal)
1 Caviocrictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Eosallamyx paula 0 --> (01) (within terminal)
1 Shapajamyx laboc 0 --> (01) (within terminal)
1 Eobrannisamyx rom 0 --> (01) (within terminal)
1 Eobrannisamyx jav 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pig 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys barch 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 0 --> (01) (within terminal)
1 Taqamamyx dispi 0 --> (01) (within terminal)
1 Otto mania proavi 0 --> (01) (within terminal)
1 Caaaniamys maqui 0 --> (01) (within terminal)
1 Protoeiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)

1 node_137 0 ==> 1 Australoprotacta
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixi 0 --> (01) (within terminal)
1 Neoreomys austr 0 --> (01) (within terminal)
1 Branisamyx lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivi 0 --> (01) (within terminal)
1 node_154 0 --> 1 node_153
1 Potamarchus muri 1 --> (01) (within terminal)

289 (Alignment of ) 0.800
Hsearch_Consensus.out

1 Lagostomus maxim 1 --> (01) (within terminal)
1 Sclerothryx osborn 1 --> (01) (within terminal)
1 Garridomys curru 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Sclerothryx praecu 0 --> (01) (within terminal)
1 Chambiramyx ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 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 cuvis 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Trichomyx apera 0 --> (01) (within terminal)
1 Echimys chrysurg 0 --> (01) (within terminal)
1 Makalatakadia delph 0 --> (01) (within terminal)
1 Eurzygomaticomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomyx sim 0 --> (01) (within terminal)
1 Ctenomys bolivi 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanatomyx col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Abracoma bennett 0 --> (01) (within terminal)
1 Adelphomyx candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomyx regula 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamyx emmonsa 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyx laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)

1 node_204 0.500

1 Augatomiomyx suba 1 --> (01) (within terminal)
1 Thryonomyx swind 0 --> (01) (within terminal)
1 Paraphonomyx pigo 0 --> (01) (within terminal)
1 Metaphonomyx scha 0 --> (01) (within terminal)
1 Baluchimys bari 0 --> (01) (within terminal)
1 Archetypomyx erl 1 --> (01) (within terminal)
1 Tribosphenomyx m 1 --> (01) (within terminal)

290 (Anterior arm) 0.500

1 node_159 1 --> 0 node_158
1 Eoincamys paicua 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Sclerothryx praecu 0 --> (01) (within terminal)
1 Chambiramyx ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Proechimys cuvis 0 --> (01) (within terminal)
1 Maruchito trilof 1 --> (01) (within terminal)

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Hsearch_Consensus.out

1 Thrichomys aper 1 --> (01) (within terminal)
1 Echimys chrys uru 1 --> (01) (within terminal)
1 Makalata didel ph 1 --> (01) (within terminal)
1 Euryzygomaticyns 1 --> (01) (within terminal)
1 Mesocapromys / Mys 1 --> (01) (within terminal)
1 Xenonotomys siri m 1 --> (01) (within terminal)
1 Ctenomys bolivi e 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 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudgeus ruigomez 1 --> (01) (within terminal)
1 Pampamy s emmons a 1 --> (01) (within terminal)
1 Caviocricet us lu 1 --> (01) (within terminal)
1 Plesi acarechi mys 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajamys laboc 1 --> (01) (within terminal)
1 Eobranisam y m s rom 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Thryonomy s wind 1 --> (01) (within terminal)
1 Paraphi omys pig o 1 --> (01) (within terminal)
1 Metaphi omys sch a 1 --> (01) (within terminal)
1 Baluchi mys bar ry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribospilom y s m 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys dispi 1 --> (01) (within terminal)
1 Ottomani a proavi 1 --> (01) (within terminal)
1 Canaan hyms maqui 1 --> (01) (within terminal)
1 Protoste rinomys m 1 --> (01) (within terminal)
1 Neoste rinomys pat 1 --> (01) (within terminal)
1 Pala este rinomys 1 --> (01) (within terminal)
1 Australoproct a f 1 --> (01) (within terminal)
1 Luantus proph eti 1 --> (01) (within terminal)
1 Dolic hotis patag 1 --> (01) (within terminal)
1 Hydrochoер us hyd 1 --> (01) (within terminal)
1 Cavia aper ea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Peri my s intermed 1 --> (01) (within terminal)
1 Neoreomys austral 1 --> (01) (within terminal)
1 Branisamys lurib 1 --> (01) (within terminal)
1 node_140 1 --> 0 node_139
1 Dasyprocta 0 --> (01) (within terminal)
1 node_195 1 --> 0 node_161
1 Incamys bolivi an 0 --> (01) (within terminal)
1 Micro scleromys 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 branicky 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vis cací 0 --> (01) (within terminal)
1 Lagostomys maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curru m 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Chambiramy s shi p 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy s sylv 0 --> (01) (within terminal)

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291 (Height of the) 0.250
Hsearch_Consensus.out

1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 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 Gallileomyss euryg 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Prospaniomyss pri 1 --> (01) (within terminal)
1 Spaniomyss 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 aperel 1 --> (01) (within terminal)
1 Echiomys chrysuru 1 --> (01) (within terminal)
1 Makalata didelph 1 --> (01) (within terminal)
1 Protadelphomys | 1 --> (01) (within terminal)
1 Euryzygomatoomys 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 Pitohantomys 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 Adelphomyss candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Cavicolcetus lu 1 --> (01) (within terminal)
1 Plesiacaarechimys 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapaja myss laboc 1 --> (01) (within terminal)
1 Eobraniamyss rom 1 --> (01) (within terminal)
1 Eobraniamyss jau 1 --> (01) (within terminal)
1 node_204 1 == 0 node_203
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomyss wind 1 --> (01) (within terminal)
1 Paraphioms pigo 1 --> (01) (within terminal)
1 Metaphioms scha 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
1 Archetypomyss erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocoamyss ligchaen 0 --> (01) (within terminal)
1 Reitoparamtomyss d 0 --> (01) (within terminal)
1 Tamquammys dispi 0 --> (01) (within terminal)
1 Ottomaniap roavi 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiramyss m 0 --> (01) (within terminal)
1 Neosteiramyss pat 0 --> (01) (within terminal)
1 Hyposteiramyss a 0 --> (01) (within terminal)
1 Paleosteiramyss 0 --> (01) (within terminal)
1 Australoproctaf 0 == 1 Australoproctaf
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 Braniamyss lurib 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Micr scleromys 0 --> (01) (within terminal)
1 Scleromys qua 0 --> (01) (within terminal)
1 Scleromys angus 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 Neoe piblema ambr 0 --> (01) (within terminal)
1 Chinchi lana 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maximus 0 --> (01) (within terminal)
1 Scleromys osborni 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praece 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_192 0 --> 1 node_191
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 aper 1 --> (01) (within terminal)
1 Echiomyx chrysura 1 --> (01) (within terminal)
1 Makalata didelphe 1 --> (01) (within terminal)
1 Eurypyromys 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 bipl 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 Octodon degus 1 --> (01) (within terminal)
1 Spalacopus cynu 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Pesti chomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamyx emmons 1 --> (01) (within terminal)
1 Cavocrictetus lu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Eosillamyx paula 0 --> (01) (within terminal)
1 Shapajamyx laboc 0 --> (01) (within terminal)
1 Eobraniyams rom 0 --> (01) (within terminal)
1 Eobraniyams jav 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archeytomys erl 0 --> (01) (within terminal)
1 node_218 0 ==> 1 node_217
1 node_213 1 ==> 0 Ottomania proavi
1 Canaani myx mäqui 1 --> (01) (within terminal)
1 Protosteirmys m 1 --> (01) (within terminal)
1 Neosteirmys pat 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteirmys 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavilia aperea 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Neoreomyx austra 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Chinchilla lanig 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maximus 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Chambiramys 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)

293 (Anterior outg) 0.500

Pge p
Hsearch_Consensus.out
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 Echimys chrys 1 --> (01) (within terminal)
1 Makalata di delph 1 --> (01) (within terminal)
1 Euryzygomaticomys 1 --> (01) (within terminal)
1 Mesocapromy s/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Ctenomys bolivi e 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanomys 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 Adelphomy s/candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stich omy s regula 1 --> (01) (within terminal)
1 Dudumus rui gome z 1 --> (01) (within terminal)
1 Pam pamy s emm on sa 1 --> (01) (within terminal)
1 Cavis cric etus lu 1 --> (01) (within terminal)
1 Plessiacarech imys 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Eobranisamys rom 1 --> (01) (within terminal)
1 Eobranisamys j av 1 --> (01) (within terminal)
1 Tarapotomys suba 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 Baluchi my s b arry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 node_118 0 ==> 1 Birbalomys sonda
1 node_215 0 ==> 1 Chapattimys wils
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Waslamys attia 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteir omy s m 0 --> (01) (within terminal)
1 Neosteir omy s pat 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteir omy s 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 spixi i 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomys austra 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 Neop li bema amb 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Eoincamys valver 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 cuvio 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)

294 (Hypoconulid o) 0.750

Pge p
Hsearch_Consensus.out

1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysouru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomatomy 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomy/ov 0 --> (01) (within terminal)
1 Ctenomy 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 Adelphomyx canu 0 --> (01) (within terminal)
1 Prostichomyx bow 0 --> (01) (within terminal)
1 Stichomyx regula 0 --> (01) (within terminal)
1 Dudumus rui-gomez 0 --> (01) (within terminal)
1 Pampamyx emmons 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesiacacaechiy 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Eobranisamyx rom 0 --> (01) (within terminal)
1 Eobranisamyx jav 0 --> (01) (within terminal)
1 Tarapotomyx suba 0 --> (01) (within terminal)
1 Thryonomys wind 0 --> (01) (within terminal)
1 Paraphimomyx pigo 0 --> (01) (within terminal)
1 Metaphimomyx scha 0 --> (01) (within terminal)
1 Baluchimys辖 0 --> (01) (within terminal)
1 Archetypomyx erb 0 --> (01) (within terminal)
1 Tribospheomyx m 0 --> (01) (within terminal)
1 Coconomyx tycchaen 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_118
1 Reithroparamyx d 0 --> (01) (within terminal)
1 Tamquaomyx dispi 0 --> (01) (within terminal)
1 Ottomaniaproavi 0 --> (01) (within terminal)
1 Hodshahibiazrae 0 --> (01) (within terminal)
1 Phimomyx hammu 0 --> (01) (within terminal)
1 Cachiyacuy cona 0 --> (01) (within terminal)
1 Eoespinaxwoodi-E 0 --> (01) (within terminal)
1 Canna1mys maqui 0 --> (01) (within terminal)
1 Proosteiromyx m 0 --> (01) (within terminal)
1 Eosteiromyx homo 0 --> (01) (within terminal)
1 Branisamyopsisa 0 --> (01) (within terminal)
1 Neoosteiromyx pat 0 --> (01) (within terminal)
1 Erhizondorsat 0 --> (01) (within terminal)
1 Coendouprehensi 0 --> (01) (within terminal)
1 Steiromys deten 0 --> (01) (within terminal)
1 Hypsosteiromyx a 0 --> (01) (within terminal)
1 Chaetomyx subspi 0 --> (01) (within terminal)
1 Palaeosteiromyx 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Luantuspropheti 0 --> (01) (within terminal)
1 Asteromyx puncu 0 --> (01) (within terminal)
1 Dolichotispag 0 --> (01) (within terminal)
1 Hydrochartes hyd 0 --> (01) (within terminal)
1 Caviaperea 0 --> (01) (within terminal)
1 Galeaspixi 0 --> (01) (within terminal)
1 Perimysintermed 0 --> (01) (within terminal)
1 Neoreomyx austr 0 --> (01) (within terminal)
1 Branisamyx lurib 0 --> (01) (within terminal)
1 Dasyproctac 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Edinomys pascua 0 --> (01) (within terminal)
1 Incamys boliviian 0 --> (01) (within terminal)
1 Microscleromyx p 0 --> (01) (within terminal)
1 Scleromyx quadra 0 --> (01) (within terminal)
1 Scleromyx angust 0 --> (01) (within terminal)
1 Drytomomyx aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)

Pge p

295 {Development o} 1.000
Hsearch_Consensus.out

Terminal)

2 Reithroparamys d 1 --> (012) (within terminal)
1 node_217 1 --> 2 node_216
2 Tamquammys dispi 2 --> (012) (within terminal)
2 Ottomania proavi 2 --> (012) (within terminal)
1 node_119 2 --> 1 Bugtimys zafarul
2 node_207 2 --> 0 node_206
2 Canaamys mâqui 0 --> (012) (within terminal)
2 Protopsteiromys m 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
2 Palaeosteirromys 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 Neoreomys austra 0 --> (012) (within terminal)
2 node_138 0 --> 2 Branisamys lurib
2 node_139 0 --> 2 Cuniculus paca-t
1 node_156 0 --> 1 node_155
2 Microscleromys p 1 --> (012) (within terminal)
1 node_154 1 --> 2 node_153
2 Scleromys quâdra 2 --> (012) (within terminal)
2 Scleromys angust 2 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
2 Dinomys branicki 2 --> (012) (within terminal)
2 Neoepiblema 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 Eoviscaccia fras 2 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
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2 Platyptitamys br 0 --> (012) (within terminal)
2 node_166 0 --> 2 node_165
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Hsearch_Consensus.out

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2 Proechimys_cuvie 0 --> (012) (within terminal)
2 Maruchito_trilof 0 --> (012) (within terminal)
2 Thrichomys_apere 0 --> (012) (within terminal)
2 Echimys_chrysurd 0 --> (012) (within terminal)
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2 Euryzygomatums 0 --> (012) (within terminal)
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2 Ctenomys_bolivie 0 --> (012) (within terminal)
2 Neophanomys_bipl 0 --> (012) (within terminal)
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2 Spalacopus_cyanu 0 --> (012) (within terminal)
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2 Stichomys_regula 0 --> (012) (within terminal)
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2 Eobranisamys_rom 0 --> (012) (within terminal)
2 Eobranisamys_jav 0 --> (012) (within terminal)
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2 Tarapotomys_suba 0 --> (012) (within terminal)
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Pge p
Hsearch_Consensus.out

2 Metaphiomys scha 2 --> (012) (within terminal)
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297 (Anterior proj) 1.000

298 (Development o) 1.000

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Hsearch_Consortium.out

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1 Neoreomys austra 0 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Microscleormyys p 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoeplilema amb 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vis 0 --> (01) (within terminal)
1 Lagostomus max 0 --> (01) (within terminal)
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1 Garridomys cyn 0 --> (01) (within terminal)
1 Eovisaccia fras 0 --> (01) (within terminal)
1 Scleromys prae 0 --> (01) (within terminal)
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1 Draconomys verai 0 --> (01) (within terminal)
1 Lecockophalos ze 0 --> (01) (within terminal)
1 Platyptattamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)

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1 node_171 0 ==> 1 node_170
1 node_168 1 ==> 0 Myocastor couchus
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1 Abrocoma bennetti 0 --> (01) (within terminal)
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1 Tarapotomys suba 0 --> (01) (within terminal)
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1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
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1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromyssy Mys 1 --> (01) (within terminal)
1 Neosteiromysspat 1 --> (01) (within terminal)
1 Erehizon dorsat 1 --> (01) (within terminal)
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1 Palaosteiromyssy Mys 1 --> (01) (within terminal)
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Hsearch_Consensus.out

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1 Chapatti mys wil 1 --> (01) (within terminal)
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0.286

305 (Anteroconid o)
Hsearch Consensus.out

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1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor cup 0 --> (01) (within terminal)
1 Proechimys cuvi e 0 --> (01) (within terminal)
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307 (Anterior cing) 0.500
Hsearch_Conсенsus.out

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1 Eoincamys ameghi 1 --> (01) (within terminal)
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1 Leucokcephalos ze 1 --> (01) (within terminal)
1 Platypittamyms br 1 --> (01) (within terminal)
1 Deseadomys aramb 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 Protadelphomyms l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Abrocoma bennett 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozoms ucayal i 1 --> (01) (within terminal)
1 Tarap tomys suba 1 --> (01) (within terminal)
1 Cocomys ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
1 Birbal omys sonda 1 --> (12) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapatti mys wils 1 --> (012) (within terminal)
1 node_213 1 ==> 2 Ottomania proavi
1 node_120 1 ==> 2 'Waslamys' attia
1 node_121 1 ==> 0 Cachiyacuy conta
2 Canaanimys maqui 1 --> (012) (within terminal)
1 node_141 1 --> 2 node_130
2 Protosteiromys m 2 --> (012) (within terminal)
2 Neosteirhomys pat 2 --> (012) (within terminal)
2 Erethizon dorsat 2 --> (012) (within terminal)
1 Hypsosteirhomys a 2 --> (12) (within terminal)
2 Chaetomys subspi 2 --> (012) (within terminal)
2 Palaeosteirhomys 1 --> (012) (within terminal)
2 Australoprocta f 1 --> (012) (within terminal)
1 node_136 1 --> 0 node_135
2 Asteromys puñctu 0 --> (012) (within terminal)
2 Dolichotis patag 0 --> (012) (within terminal)
2 Hydrochoerus hyd 0 --> (012) (within terminal)

308 (*Position of)  0.273
Pge p
Hsearch_Conсенsus.out

2 Cavia aperea 0 --> (012) (within terminal)
2 Galea spixii 0 --> (012) (within terminal)
2 Neoreomys austra 1 --> (012) (within terminal)
1 Brani samys lurib 1 --> (012) (within terminal)
2 Cuniculus paca-t 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
1 node_154 1 --> 0 node_142
2 Microscleromys p 0 --> (012) (within terminal)
2 Scleromys quadra 1 --> (012) (within terminal)
2 Scleromys angust 1 --> (012) (within terminal)
2 Potamarchus muri 1 --> (012) (within terminal)
2 Dinomys branicki 1 --> (012) (within terminal)
2 Neopeblema 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 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curnu 1 --> (012) (within terminal)
2 Eoiscaccia fras 1 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys 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 Leucokhaplos ze 2 --> (012) (within terminal)
2 Platypittamys br 2 --> (012) (within terminal)
2 Deseadomys aramb 2 --> (012) (within terminal)
2 Acaremys murinus 2 --> (012) (within terminal)
1 node_165 2 --> 1 Galileomys euryg
2 Willidewu estepa 2 --> (012) (within terminal)
1 node_176 2 --> 1 node_173
1 node_170 1 --> 0 node_169
2 node_168 0 ==> 2 Spaniomyys ripari
1 node_171 1 --> 2 Thrichomys apere
2 Protadelphomyys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neopanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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)

1 node_188 2 --> 1 Dudumus rui gomez
1 node_190 2 --> 1 Caviocricetus lu
2 Plesiaca arechimys 2 --> (012) (within terminal)
1 node_197 1 ==> 0 Eosallamys paula
1 node_200 1 ==> 0 Shapajamy s laboc
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)
1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 node_209 1 --> 2 node_208
2 Thryonomys swind 2 --> (012) (within terminal)

309 (Metaconid-pro) 0.500

1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquamy s dispi 0 --> (01) (within terminal)
1 Chappattimys wils 0 --> (01) (within terminal)
1 Canaahnmys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Chaetomy s subspi 0 --> (01) (within terminal)
1 Palaeosteiromys 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 aper ea 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomys austra 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 angust 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 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 Garridomy s curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramy sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)

Pge p
Pithanotomys col 1 --> (01) (within terminal)
Octodon degus 1 --> (01) (within terminal)
Spalacopus cyanus 1 --> (01) (within terminal)
Abrocoma bennett 1 --> (01) (within terminal)
node 190 1 --> 0 Caviocrinus
Plesiaceschmyys 1 --> (01) (within terminal)
Sallamys pascuals 1 --> (01) (within terminal)
Eobranisamys jav 1 --> (01) (within terminal)
Pozomys ucayali 1 --> (01) (within terminal)
Tarapotomys suba 1 --> (01) (within terminal)
Archetypomys erl 0 --> (01) (within terminal)
Tribosphenomyms m 0 --> (01) (within terminal)
Cocomys lichsen 0 --> (01) (within terminal)
Reithroparamys d 0 --> (01) (within terminal)
Birbalomys sonda 0 --> (01) (within terminal)
Tamquamyms disp 0 --> (01) (within terminal)
Chapattimys wils 0 --> (01) (within terminal)
Ottomania proavi 0 --> (01) (within terminal)
Bugtiomys zafarul 0 --> (01) (within terminal)
node 120 0 --> 1 'Waslamys' attia
node 210 1 --> 0 node 157
Canaanimys maqui 1 --> (01) (within terminal)
Protosteiromys m 1 --> (01) (within terminal)
Neosteiromys pat 1 --> (01) (within terminal)
Erethizon dorsat 1 --> (01) (within terminal)
Chaetomys subspi 1 --> (01) (within terminal)
Palaeosteiromys 1 --> (01) (within terminal)
Australoprocta f 1 --> (01) (within terminal)
Asteromys punctu 1 --> (01) (within terminal)
Dolichotis patag 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia aperea 1 --> (01) (within terminal)
Galea spixii 1 --> (01) (within terminal)
Neoreomys austra 1 --> (01) (within terminal)
Dasyprocta 1 --> (01) (within terminal)
Cuniculus paca-t 1 --> (01) (within terminal)
node 158 1 --> 0 node 157
Eoincamys pascua 0 --> (01) (within terminal)
Microscleromyms p 0 --> (01) (within terminal)
Scleromyms quadra 0 --> (01) (within terminal)
Scleromyms angust 0 --> (01) (within terminal)
Drytomomyms aequa 0 --> (01) (within terminal)
Potamarchus muri 0 --> (01) (within terminal)
Dinomys brahicki 0 --> (01) (within terminal)
Neoeoepibluma amb 0 --> (01) (within terminal)
Chinchillabilarum 0 --> (01) (within terminal)
Lagidium viscaci 0 --> (01) (within terminal)
Lagostomus maxim 0 --> (01) (within terminal)
Scleromyms osborn 0 --> (01) (within terminal)
Garridomyms curry 0 --> (01) (within terminal)
Eoiviscacci fras 0 --> (01) (within terminal)
Scleromyms praecu 0 --> (01) (within terminal)
Chambiramys sylv 1 --> (01) (within terminal)
Eoincamys valver 1 --> (01) (within terminal)
Eoincamys ameghi 1 --> (01) (within terminal)
Draconomys verai 1 --> (01) (within terminal)
Leucokophalos ze 1 --> (01) (within terminal)
Platyptilomyms br 1 --> (01) (within terminal)
Deseadomyms aramb 1 --> (01) (within terminal)
Acaremymurinus 1 --> (01) (within terminal)
Willi dewu estepa 1 --> (01) (within terminal)
Myocastor 0 --> (01) (within terminal)
Protadelphomyms 1 --> (01) (within terminal)
Mesocaprómys/Mys 1 --> (01) (within terminal)
Xenodontomyms sim 1 --> (01) (within terminal)
Ctenomyms bolivie 1 --> (01) (within terminal)
Pithanotomys col 1 --> (01) (within terminal)
Octodon degus 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Plesiacarechimys 1 --> (01) (within terminal)
1 Eosialamys paula 1 --> (01) (within terminal)
1 node_200 1 --> 0 node_199
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayaliev 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquamys dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 node_214 0 ==> 1 node_213
1 Protosteiromyms m 1 --> (01) (within terminal)
1 Neosteiromyms pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeosteiromyms 1 --> (01) (within terminal)
1 Australoprocta f 1 --> (01) (within terminal)
1 node_136 1 --> 0 node_135
1 Asteromyms 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 Neoreomyms 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 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema 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 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys curnu 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Chambiramys 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 Leucokophalos 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 Willi diewu estepa 1 --> (01) (within terminal)
1 node_168 1 ==> 0 Spaniomys ripari
1 Protadelphomys l 1 --> (01) (within terminal)
1 Mesocapromys/Mys 1 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Cenaomys bolivie 1 --> (01) (within terminal)
1 Neophanomys bips 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 Caviocrictetus lu 1 --> (01) (within terminal)
1 Eobranisamys jav 1 --> (01) (within terminal)
1 Pozomys ucayaliev 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_208 1 ==> 0 Paraphiomys pigo
1 Metaphiomys Schs 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomyms m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)

313 (Mesostylid on) 0.571

314 (Anterior isol) 0.500
Hsearch_Consensus.out
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaamys disp 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Bugtimys zafaru 1 --> (01) (within terminal)
1 Hodsahehia azrae 1 --> (01) (within terminal)
1 node_212 0 --> 1 node_210
1 Cachiyaucy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 node_205 1 --> 0 node_204
1 node_141 0 --> 1 node_130
1 Protosteiromys 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 Erethizon dorsat 1 --> (01) (within terminal)
1 Hypsosteiromys a 1 --> (01) (within terminal)
1 Chaetomys subsp 1 --> (01) (within terminal)
1 Palaeosteiromys 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 Perimyset 0 --> (01) (within terminal)
1 Neoreomys austr 0 --> (01) (within terminal)
1 Branisamyopsis luri 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus pac-a-t 0 --> (01) (within terminal)
1 node_197 0 ==> 1 node_196
1 node_157 1 --> 0 node_196
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomatomys 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontoymys 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 1 --> (01) (within terminal)
1 Eobranisamy rom 0 --> (01) (within terminal)
1 Eobranisamy jav 0 --> (01) (within terminal)
1 Pozomys ucaalyie 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiycuy kumme 1 --> (01) (within terminal)
1 Paraphiomyms pligo 0 --> (01) (within terminal)
1 Metaphiomyms scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (01) (within terminal)
1 Tribosphenomyms m 1 --> (01) (within terminal)
1 Cocomyms ligaenc 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birlalomyms sonda 1 --> (01) (within terminal)
1 Tambuamyms dispi 1 --> (01) (within terminal)
1 Chapatti ms wils 1 --> (01) (within terminal)
1 Ottomaniaprio 1 --> (01) (within terminal)
1 Buitimys safarul 1 --> (01) (within terminal)
1 Hodsahibia azrae 1 --> (01) (within terminal)
1 node_207 1 --> 0 node_206
1 Cachiycuy conta 0 --> (01) (within terminal)
1 Protoesteiromys m 0 --> (01) (within terminal)
1 Eosteieromys hom 0 --> (01) (within terminal)
1 Branisamyopsisa 0 --> (01) (within terminal)
1 Neosteieromys pat 0 --> (01) (within terminal)
1 Erehizondorsat 0 --> (01) (within terminal)
1 Cendoouprehensi 0 --> (01) (within terminal)
1 Steieromysdetent 0 --> (01) (within terminal)
1 Hypsosteieromys a 0 --> (01) (within terminal)
1 Chaetomyssubspi 0 --> (01) (within terminal)
1 Palaeosteieromys 0 --> (01) (within terminal)
1 Australoproctaf 0 --> (01) (within terminal)
1 Luantuspropheti 0 --> (01) (within terminal)
1 Asteromyspunctu 0 --> (01) (within terminal)
1 Doliotispatag 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 Perimysintermed 0 --> (01) (within terminal)
1 Neoreomys aust 0 --> (01) (within terminal)
1 Dasyprotterm 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
1 Eoincamyspascua 0 --> (01) (within terminal)
1 Incamysbolivian 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 Dinomysbranicki 0 --> (01) (within terminal)
1 Neoepiblema ambr 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium viscac 0 --> (01) (within terminal)
1 Lagostomum maximi 0 --> (01) (within terminal)
1 Scleromysosborn 0 --> (01) (within terminal)
1 Garridomys 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 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draconomys verai</td>
<td><em>Draconomys verai</em></td>
<td>0 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Leucokephalos ze</td>
<td><em>Leucokephalos ze</em></td>
<td>0 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>node_193</td>
<td></td>
<td>0 --&gt; 1 node_192</td>
<td></td>
</tr>
<tr>
<td>Platypittamys br</td>
<td><em>Platypittamys br</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Deseadomys aramb</td>
<td><em>Deseadomys aramb</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Acaremys murinus</td>
<td><em>Acaremys murinus</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Sciamys principia</td>
<td><em>Sciamys principia</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Galileomys euryg</td>
<td><em>Galileomys euryg</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Willi dewu estepa</td>
<td><em>Willi dewu estepa</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Spaniomyss ripari</td>
<td><em>Spaniomyss ripari</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Myocastor cyopus</td>
<td><em>Myocastor cyopus</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Proechimys cuvie</td>
<td><em>Proechimys cuvie</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Maruchito trilof</td>
<td><em>Maruchito trilof</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Thrichomys apere</td>
<td><em>Thrichomys apere</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Echimys chrysuru</td>
<td><em>Echimys chrysuru</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Makalata didelph</td>
<td><em>Makalata didelph</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Protadelphomys</td>
<td><em>Protadelphomys</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Eurzygomatoyms</td>
<td><em>Eurzygomatoyms</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Mesocapromys/Mys</td>
<td><em>Mesocapromys/Mys</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Xenodontomys sim</td>
<td><em>Xenodontomys sim</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Ctenomys Bolivi</td>
<td><em>Ctenomys Bolivi</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Neophamomys bipl</td>
<td><em>Neophamomys bipl</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Pithanomys col</td>
<td><em>Pithanomys col</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
</tr>
<tr>
<td>Octodon degus</td>
<td><em>Octodon degus</em></td>
<td>1 --&gt; (01)</td>
<td>within terminal</td>
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316 (Posterior iso) 1.000
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Hsearch_Consensus.out

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1 Patalacopus cyanu 0 -> (01) (within terminal)
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Alignment score: 0.308
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1 Eoincamys ameghi 1 --> (01) (within terminal)
1 node_195 1 --> 0 node_194
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamus br 0 --> (01) (within terminal)
1 Deseadomys am 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 node_187 0 ==> 1 node_186
1 node_176 1 --> 0 node_173
1 Spaniomyms ripari 0 --> (01) (within terminal)
1 node_169 0 ==> 1 Proechimyss cuvie
1 Echiymys chrysuru 0 --> (01) (within terminal)
1 Makalata diodelph 0 --> (01) (within terminal)
1 Protadelphomys 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 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)
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1 Pozomyss ucalalie 0 --> (01) (within terminal)
1 Tarapotomys suha 0 --> (01) (within terminal)
1 Thryonomeys wind 0 --> (01) (within terminal)
1 Paraphomyss pigo 0 --> (01) (within terminal)
1 Metaphomyss scha 0 --> (01) (within terminal)
1 Cocomyss ligchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Tamquammymys d 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 node_207 0 --> 1 node_206
1 Cachiymys conta 1 --> (01) (within terminal)
1 Canahimys magui 1 --> (01) (within terminal)
1 node_201 1 --> 0 node_198
1 Protosteiromyss m 0 --> (01) (within terminal)
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1 Neosteiromyss pat 0 --> (01) (within terminal)
1 Erehizon dorsat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Palaeosteiromyss 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)
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1 Dasyprocta 0 --> (01) (within terminal)
1 Cuniculus pacat 0 --> (01) (within terminal)
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1 Incamys bolivi 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromyss quadrai 0 --> (01) (within terminal)
1 Scleromyss angust 0 --> (01) (within terminal)
1 Drytomomys aesqua 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 lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyss osborn 0 --> (01) (within terminal)

339 (Mesoconid-lik) 0.625
Hsearch_Consensus.out
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 1 --> (012) (within terminal)
2 Ctenomys bolivie 1 --> (012) (within terminal)
2 Pithanatomys col 1 --> (012) (within terminal)
2 Ooctodon degus 1 --> (012) (within terminal)
2 Spalacopus cyanu 1 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
1 Mayomys confluen 2 --> (12) (within terminal)
1 Eosallamys paula 2 --> (12) (within terminal)
1 node_200 2 --> 1 node_199
2 Eobranisamys jav 1 --> (012) (within terminal)
2 Pozomys ucayalie 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
1 node_214 1 ==> 2 Baluchimys bary
341 (Posterior iso) 0.846
1 Archetypomy s erl 1 --> (01) (within terminal)
1 Tribosphenomy s m 1 --> (01) (within terminal)
1 Cocomy s ligchaen 1 --> (01) (within terminal)
1 Reithropar amys de 1 --> (01) (within terminal)
1 Tamaquamys disp 1 --> (01) (within terminal)
1 Chapatti my s wils 1 --> (01) (within terminal)
1 node_214 1 ==> 0 node_213
1 Buguimys zar 0 --> (01) (within terminal)
1 Hodshahiba azrae 0 --> (01) (within terminal)
1 node_205 0 ==> 1 node_122
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 node_141 0 --> 1 node_130
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1 Eosteiromys homo 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
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1 Steiermymys detent 1 --> (01) (within terminal)
1 Hypsoesteiromys a 1 --> (01) (within terminal)
1 Chaetostymys subspi 1 --> (01) (within terminal)
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1 Austr aliprocta 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 Cavalia avera 0 --> (01) (within terminal)
1 Galea spixi 0 --> (01) (within terminal)
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1 node_1 0 --> (01) (within terminal)
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1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomy s aquea 0 --> (01) (within terminal)
1 Potamarchus muri 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 Garrido mys curru 0 --> (01) (within terminal)
1 Eovi stacclia fras 0 --> (01) (within terminal)
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346 (Anterior arm) 1.000
Hsearch_Consensus.out

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 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Evoiscaccia fras 2 --> (012) (within terminal)
2 Evoiscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys sylv 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 vêrai 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 Sciamys principa 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Wilidewu estepa 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomyis ripari 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Thrichomys aper 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

1  node_204 0 --> 1 node_154
2  Pozomys ucaayal i e 1 --> (012) (within terminal)
2  Tarapotomys suba 1 --> (012) (within terminal)
2  Thryonomys wind 2 --> (012) (within terminal)

348 (Length of the) 1,000

1  Cocomys ligan haen 0 --> (011) (within terminal)
1  Reithroparamys d 0 --> (011) (within terminal)
1  Tamquamm y s d i s pi 0 --> (011) (within terminal)
1  Chapattimys wil s 0 --> (011) (within terminal)
1  `Waslamys' attia 0 --> (011) (within terminal)
1  Phiomys humm da i 0 --> (011) (within terminal)
1  Proto steirom y s m 0 --> (011) (within terminal)
1  Neoste iromys pas 0 --> (011) (within terminal)
1  Eth hizom d orsat 0 --> (011) (within terminal)
1  Chaetomys sub s pi 0 --> (011) (within terminal)
1  Palaeoste iromys 0 --> (011) (within terminal)
1  Australoproct a f 0 --> (011) (within terminal)
1  Aster omys punctu 0 --> (011) (within terminal)
1  Dolichotis patag 0 --> (011) (within terminal)
1  Hydrochoerus hyd 0 --> (011) (within terminal)
1  Cavia aper ea 0 --> (011) (within terminal)
1  Galeaspixi i 0 --> (011) (within terminal)
1  Neoreomys austr a 0 --> (011) (within terminal)
1  Cuniculus pacat 0 --> (011) (within terminal)
1  Eoin cemys pas cu a 0 --> (011) (within terminal)
1  node_154 0 --> 1 node_142
1  Microscleromys p 0 --> (011) (within terminal)
1  Scler omys quad ra 0 --> (011) (within terminal)

Pge p
Hsearch_Consensus.out

1 Scleromyt angust 0 --> (0) within terminal
1 Drytomomys aequa 0 --> (0) within terminal
1 Potamarchus muri 0 --> (0) within terminal
1 Dinomys branicki 0 --> (0) within terminal
1 Neoepiblemma ambur 0 --> (0) within terminal
1 Chinchilla lanig 0 --> (0) within terminal
1 Lagidium viscaci 0 --> (0) within terminal
1 Lagostomus maxim 0 --> (0) within terminal
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1 Garridomyt curnu 0 --> (0) within terminal
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1 Eoincamys valver 0 --> (0) within terminal
1 Eoincamys ameghi 0 --> (0) within terminal
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1 Leucokcephalos ze 0 --> (0) within terminal
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1 Acaremys murinus 0 --> (0) within terminal
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1 Protadelphomyt erl 0 --> (0) within terminal
1 Mesocaprromys/Mys 0 --> (0) within terminal
1 Xenodontomyt sim 0 --> (0) within terminal
1 Ctenomyt bolivie 0 --> (0) within terminal
1 Pithanotomyt col 0 --> (0) within terminal
1 Octodon degus 0 --> (0) within terminal
1 Spalacopus cyanu 0 --> (0) within terminal
1 Abrocoma bennett 0 --> (0) within terminal
1 Pampamyts emmorna 0 --> (0) within terminal
1 Eobrannamyts jav 0 --> (0) within terminal
1 Pozomys ucayali 0 --> (0) within terminal
1 Tarapotomyt suba 0 --> (0) within terminal
1 Archetypomyt erl 0 --> (0) within terminal
1 Tribosphenomyt m 0 --> (0) within terminal
1 Cocomyts ligchaen 0 --> (0) within terminal
1 Reithoparamys d 0 --> (0) within terminal
1 Tamquamyts disp 0 --> (0) within terminal
1 Chapatti mys wi 0 --> (0) within terminal
1 Canaanimys maqui 0 --> (0) within terminal
1 Protosteiromyt m 0 --> (0) within terminal
1 Neosteiromyt pat 0 --> (0) within terminal
1 Erithizon dorsat 0 --> (0) within terminal
1 Chaetomyts subsp 0 --> (0) within terminal
1 Palaeosteiromyt 0 --> (0) within terminal
1 Australoprocto 0 --> (0) within terminal
1 Asteromyt punctu 0 --> (0) within terminal
1 Dolichotis patag 0 --> (0) within terminal
1 Hydrochoerus hyd 0 --> (0) within terminal
1 Cavia aperea 0 --> (0) within terminal
1 Galea spixii 0 --> (0) within terminal
1 Neoreomyts aust 0 --> (0) within terminal
1 Cuniculus paca-t 0 --> (0) within terminal
1 Eoincamys pascu 0 --> (0) within terminal
1 Microscleromyt p 0 --> (0) within terminal
1 Scleromyt angust 0 --> (0) within terminal
1 Potamarchus muri 0 --> (0) within terminal
1 Dinomys branicki 0 --> (0) within terminal
1 Neoepiblemma ambur 0 --> (0) within terminal
1 Chinchilla lanig 0 --> (0) within terminal
1 Lagidium viscaci 0 --> (0) within terminal
1 Lagostomus maxim 0 --> (0) within terminal
1 Scleromyt osborn 0 --> (0) within terminal
1 Garridomyt curnu 0 --> (0) within terminal
1 Eoviscaccia fras 0 --> (0) within terminal
1 Scleromyt praeceu 0 --> (0) within terminal
1 Chambiramys sylv 0 --> (0) within terminal
1 Eoincamys valver 0 --> (0) within terminal

349 (Anteroflexid) 0.500
Pge p
Hsearch_Consensus.out
1  node_118 1 ==> 0 Birbalomys sonda
1  node_215 1 ==> 0 Chapattimys wils
1  node_121 1 ==> 0 Eoespina ooodi-E
1  node_141 1 --> 0 node_130
1  node_128 0 --> 1 Protosteiromys m
1  node_123 0 --> 1 Brani samyopsis a
1  node_138 1 ==> 0 node_137
1 Luantus propheti 0 --> (01) (within terminal)
1 Asteromys punctu 0 --> (01) (within terminal)
1 Dolichotis pataq 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperea 0 --> (01) (within terminal)
1 Galea spixi 0 --> (01) (within terminal)
1 Neoreomyus austri 0 --> (01) (within terminal)
1 Cuniculus pacat 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)
1 Potamarcthus muri 1 --> (01) (within terminal)
1 Neoepliema ambri 1 --> (01) (within terminal)
1 Chinchiilla lani g 1 --> (01) (within terminal)
1 Lagidium viscaci 1 --> (01) (within terminal)
1 Lagostomus maxim 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 node_153 1 --> 0 node_152
1 Garridomys curni 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Eoincamys parvus 1 --> (01) (within terminal)
1 Eoincamys valier 1 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucokcephalos ze 1 --> (01) (within terminal)
1 node_192 1 --> 0 node_167
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 node_189 1 ==> 0 node_188
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomys ripar i 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Emutsrymy suru 0 --> (01) (within terminal)
1 Protadelpomys l 0 --> (01) (within terminal)
1 Eurzyzgymatony 0 --> (01) (within terminal)
1 Mesoapromys/Mys 0 --> (01) (within terminal)
1 Xenondontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivic 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanatomys 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 Eobrani samys jav 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_118 0 ==> 1 Birbalomys sonda
1 node_216 0 --> 2 node_215
2 Chapattimys wils 2 --> (012) (within terminal)
1 node_212 2 --> 1 node_211
1 node_207 1 ==> 0 Pho omy n hammudai
1 node_207 1 --> 2 node_206
2 Eoespina wooi-E 2 --> (012) (within terminal)

358 (*Protoconid/m) 0.333
Hsearch_Consensus.out

2 Neosteiromys pat 2 --> (012) (within terminal)
2 Chaetomys subspi 2 --> (012) (within terminal)
2 Australoprocta f 2 --> (012) (within terminal)
2 Luantus propheti 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 Galea spixii 2 --> (012) (within terminal)
2 Perimys intermed 2 --> (012) (within terminal)
2 Neoreomys austra 2 --> (012) (within terminal)
2 Bransamys lurib 2 --> (012) (within terminal)
2 Dasyprocta 2 --> (012) (within terminal)
2 Cuniculus pacat 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 Drytomomy aequa 2 --> (012) (within terminal)
2 Potamarchus muri 2 --> (012) (within terminal)
2 Dinomys branicki 2 --> (012) (within terminal)
2 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys ship 2 --> (012) (within terminal)
2 Eoincamys valver 2 --> (012) (within terminal)
2 Leucokephals 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)
Hsearch_Consensus.out

2 Prospaniomys pri 2 --> (012) (within terminal)
2 Spaniomys ripari 2 --> (012) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Echimys chrysuru 2 --> (012) (within terminal)
2 Protadelphomys l 2 --> (012) (within terminal)
2 Mesocapromys/Mys 2 --> (012) (within terminal)
2 Xenodontomys sim 2 --> (012) (within terminal)
2 Ctenomys bolivie 2 --> (012) (within terminal)
2 Neophanomys bipl 2 --> (012) (within terminal)
2 Pithanotomys 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 Protistichomys bow 2 --> (012) (within terminal)
2 Stichomys regula 2 --> (012) (within terminal)
2 Dudumus ruigomez 2 --> (012) (within terminal)
2 Pampamys emmons 2 --> (012) (within terminal)
2 Caviocrictus lu 2 --> (012) (within terminal)
2 Plesiaca rechi 2 --> (012) (within terminal)
2 Eosallamys paula 2 --> (012) (within terminal)
2 Pozomys ucaialie 2 --> (012) (within terminal)
2 Tarapotomys mayo 2 --> (012) (within terminal)
2 Tarapotomys suba 2 --> (012) (within terminal)
2 Thryonomys swind 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)

359 (Posterior arm) 0.500

node_119 0 ==> 1 Hodsahibia azrae
node_129 0 ==> 1 Chaetomys subs
Dolichotis pâtæg 0 --> (01) (within terminal)
Hydrochoerus hyd 0 --> (01) (within terminal)
Cavia aperea 0 --> (01) (within terminal)
Galea spixii 0 --> (01) (within terminal)
node_139 0 ==> 1 Cuniculus paca-t
Drytomomys æequa 0 --> (01) (within terminal)
Potamarchus muri 0 --> (01) (within terminal)
Dinomys branicki 0 --> (01) (within terminal)
Neoepiblema ambr 0 --> (01) (within terminal)
Hsearch_Consensus.out
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygatomys 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 Stichomys regula 0 --> (01) (within terminal)
1 Pampamy s emmons 0 --> (01) (within terminal)
1 Caviocricetus lu 0 --> (01) (within terminal)
1 Plesi acarechi mys 0 --> (01) (within terminal)
1 Sal lampmys pascu a 0 --> (01) (within terminal)
1 Mayomys conflu e n 0 --> (01) (within terminal)
1 Eobransamys rom 0 --> (01) (within terminal)
1 node_209 0 ==> 1 node_208
361 (Thickness of ) 0.600
1 Metaphi oms sca 0 --> (01) (within terminal)
1 node_219 0 --> 1 Archetypomys erl
1 node_218 0 --> 1 node_217
1 node_118 0 --> 1 Reithropara m ys d
1 Ottomania pro a vi 0 --> (01) (within terminal)
1 Chaetomys subs pi 0 --> (01) (within terminal)
1 Luantus proph eti 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoer us hyd 0 --> (01) (within terminal)
1 Cavi a aper e a 0 --> (01) (within terminal)
1 Galea spixi i 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Dryt omomys aequ a 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 lanig 0 --> (01) (within terminal)
1 Lagidium viscaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Leucokephals ze 0 --> (01) (within terminal)
1 Deseadomys aramb 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 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper e 0 --> (01) (within terminal)
1 Echimys chrys uru 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygatomys 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 Stichomys regula 0 --> (01) (within terminal)
1 Pampamy s emmons 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out

1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Mesocapromys/Myrs 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 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 node_204 0 --> 1 node_203
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_215 0 ==> 1 node_214
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apera 1 --> (01) (within terminal)
1 Galea spixii 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 Ctenomys bolivie 1 --> (01) (within terminal)
1 Pithanotomys col 1 --> (01) (within terminal)
1 node_216 0 --> 1 node_215
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Luantus prop 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 apera 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 Incamys bolivian 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 Neoepeblena ambr 0 --> (01) (within terminal)
1 Chinchi 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 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoviscaccia valver 0 --> (01) (within terminal)
1 Leucokephalos ze 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Sciamys principa 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Spaniomys ripari 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Mesocapromys/Myrs 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 Perimys intermed 0 --> (01) (within terminal)
1 Potamarchus muri 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 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Deseadomy aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sci amys principa 0 --> (01) (within terminal)
1 Gil leomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Spaniomy ripari 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrys u 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protad elphomys l 0 --> (01) (within terminal)
1 Eury zy gamotomys 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 Neophano mys bipl 0 --> (01) (within terminal)
1 Pit hanotomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spal acopus cyanu 0 --> (01) (within terminal)
1 Abrocoma benne t 0 --> (01) (within terminal)
1 Adel phomys candi 0 --> (01) (within terminal)
1 Sticho mys regul a 0 --> (01) (within terminal)
1 Dumumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emm 0 --> (01) (within terminal)
1 Cavilocr icetus lu 0 --> (01) (within terminal)
1 Sallamys pascau 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryn omy s swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 node_214 0 == 1 Baluchimys barry
1 Arch etypomys erl 0 --> (01) (within terminal)
1 Tr bosphemomys m 0 --> (01) (within terminal)
1 Birbal omys sonda 0 --> (01) (within terminal)
1 Ottom ania proavi 0 --> (01) (within terminal)
1 Hodshab ia azrae 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi - E 0 --> (01) (within terminal)
1 Cana amys maqui 0 --> (01) (within terminal)
1 Branis amyp sisa 0 --> (01) (within terminal)
1 Ste romys detent 0 --> (01) (within terminal)
1 Chaetomys subspi 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Dolic hotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper e 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Neoreomy austral 0 --> (01) (within terminal)
1 Branisamy s lurib 0 --> (01) (within terminal)
1 node_139 0 == 1 Dasyprocta
1 Micr scleromys p 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
Hsearch Consensus.out

1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Willi dewu estega 0 --> (01) (within terminal)
1 node_186 0 ==> 1 node_183
1 node_168 1 ==> 0 Myocastor coypus
1 Proechimys cuvie 1 --> (01) (within terminal)
1 Protodelphysmys l 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 Adel pheOMys candi 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Pampamy s emmons a 0 --> (01) (within terminal)
1 Cavi ocricetus lu 0 --> (01) (within terminal)
1 Sallamys pas cu al 0 --> (01) (within terminal)
1 Eobranisamy s jav 0 --> (01) (within terminal)
1 Tarap tomy s mayo 0 --> (01) (within terminal)
1 Tarap tomy s suba 0 --> (01) (within terminal)
1 Paraphi my s pigo 1 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
372 (*Length of th) 0.731
2 Tribosphenomys m 1 --> (012) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Ottomania proav i 1 --> (01) (within terminal)
1 node_120 1 --> 0 node_119
1 Bugt i my s za f arul 0 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (12) (within terminal)
1 Phiomys ham mudai 1 --> (01) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaan i my s maqui 1 --> (01) (within terminal)
1 node_128 1 --> 2 Protosteiromys m
1 node_128 1 ==> 0 node_127
2 Eoste iromys Homo 0 --> (012) (within terminal)
2 Branisamyopsis a 0 --> (012) (within terminal)
2 Neoste iromys pat 0 --> (012) (within terminal)
1 Coendo u prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsoste iromys a 1 --> (01) (within terminal)
2 Chaetomys sub spi 1 --> (012) (within terminal)
2 Palaeoste iromys 1 --> (012) (within terminal)
1 Australoprocta f 1 --> (12) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
2 Dolic ho tis 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)

Pge p
Hsearch_Consensus.out
2 Neoreomy austra 1 --> (012) (within terminal)
1 node_138 1 ==> 0 Branisamys lurib
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 Neoepiblema 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 Garridomys curnu 2 --> (012) (within terminal)
2 Eoviscaccia fras 2 --> (012) (within terminal)
2 Eoviscaccia aust 2 --> (012) (within terminal)
2 Scleromys praecu 2 --> (012) (within terminal)
2 Chambiramys 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 --> (011) (within terminal)
1 node_192 1 --> 0 node_167
1 Platypttamy be 0 --> (011) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (011) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
1 node_187 1 ==> 0 Prospaniomy pri
1 node_187 1 ==> 2 node_186
2 Spaniomy ri 2 --> (012) (within terminal)
1 Myocastor coypus 2 --> (12) (within terminal)
2 Proechimys cuvie 2 --> (012) (within terminal)
2 Maruchito trilof 2 --> (012) (within terminal)
2 Thrichomys apere 2 --> (012) (within terminal)

Pge p
1 Prospaniomys pri 0 --> (04) (within terminal)
1 Myocastor coypus 0 --> (02) (within terminal)
1 node_185 0 ==> 5 Adelphomys candidi
1 Prostichomys bow 0 --> (02) (within terminal)
1 node_184 0 ==> 4 Stichomys regula
2 Dudumus ruigomez 0 --> (014) (within terminal)
1 Cavocrictetus lu 0 --> (05) (within terminal)
1 Pleisiacarechimys 0 --> (02) (within terminal)
2 Mayomys confluen 0 --> (023) (within terminal)

374 (Posterior arm) 0.375
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eoesteiromys homo 0 --> (01) (within terminal)
1 Brani samyopsis a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Chaetomys subsp 0 --> (01) (within terminal)
1 node_140 0 ==> 1 node_138
1 Australaprocta f 1 --> (01) (within terminal)
1 Dolichotis patag 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper ea 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 node_195 0 --> 1 node_161
1 Eoincamys pas cua 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 Eoincamys ameghi 1 --> (01) (within terminal)
1 Leucokephalos ze 1 --> (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 bolivie 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 Sallamy s pascual 1 --> (01) (within terminal)
1 Eosallamy s paula 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
2 Eoincamys jav 1 --> (01) (within terminal)
1 node_204 0 --> 1 node_203
1 Pozomys uca yali 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 node_209 0 --> 1 node_208
1 Paraphiomys pig 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 Hodsahibia azrae 0 --> (012) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
2 Eoespina woodi-E 0 --> (012) (within terminal)
Hsearch_Consensus.out

1 node_201 0 ==> 1 node_198
1 node_141 1 ==> 0 node_130

2 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 BraniSamyopsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
1 Coendou prehensi 0 --> (012) (within terminal)
2 Chaetomys subsp 0 --> (012) (within terminal)
1 node_141 1 ==> 2 Palaeosteiromys
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 apera 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 BraniSamyopsis lurib 1 --> (012) (within terminal)
1 node_139 1 ==> 2 Dasyprocta
2 Eoincamys pascu 1 --> (012) (within terminal)
2 Incamys bolivian 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 branicki 1 --> (012) (within terminal)
2 Neoeolema 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 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curnu 1 --> (012) (within terminal)
2 Eoviscaccia fras 1 --> (012) (within terminal)
2 Eoviscaccia aust 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
1 Chaetomys subsp 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 apera 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 Brani samys lurib 0 --> (01) (within terminal)
1 Dasyprocta 0 --> (01) (within terminal)
1 Eoincamys pascau 0 --> (01) (within terminal)
1 Incamys bolivian 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 Drytomyomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepl blemam 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 Garridomys currn 0 --> (01) (within terminal)
1 Eoivscaccia fras 0 --> (01) (within terminal)
1 Eoivscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys shi 0 --> (01) (within terminal)
1 Eoincamys parvis 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Marutchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echimys chrys 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Euryzygomat 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys boliv 0 --> (01) (within terminal)
1 Pithanomys 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 Plesiacarechimys 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyb lac 0 --> (01) (within terminal)
1 Tarapoto mys suba 0 --> (01) (within terminal)
1 Thyronomys swind 0 --> (01) (within terminal)
1 Bugtomys zafarui 0 --> (01) (within terminal)
1 Hodsahibia azr 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phioomys hammmodai 0 --> (01) (within terminal)
1 Cachi yacuy con 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia apera 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 Dasyprocta 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus max 0 --> (01) (within terminal)
1 Eoivscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)

381 (Metalophular) 1.000

Pge p
Hsearch_Consensus.out

1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 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 Tarapoto mymys suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Metaphioms scha 0 --> (01) (within terminal)
1 Baluchi myms barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchae n 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 node_216 0 --> 1 Tamquammys dispens
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugimys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 Chae tomomys subspi 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperae 0 --> (01) (within terminal)
1 Galea spixi 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 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 Thryonomys swind 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugimys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_207
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Coendou prehensi 1 --> (00) (within terminal)
1 node_130 0 --> 0 node_129
1 Hypsosteiromyys a 0 --> (01) (within terminal)
1 Luántus propheti 0 --> (01) (within terminal)
1 Asteroxymys punctu 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aperae 0 --> (01) (within terminal)
1 Galea spixi 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Branisamyms lurib 0 --> (01) (within terminal)
1 Dasyprocta a 0 --> (01) (within terminal)
1 Scleromys quadra 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (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 --> (00) (within terminal)
1 node_157 1 --> 0 Chambiramys ship
1 Eoincamys vafver 1 --> (01) (within terminal)
node_195 1 --> 0 node_194
node_170 0 --> 1 node_169

Pge p
Hsearch_Consensus.out

1 Spaniomys ripari 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 Pitphanatomyso col 0 -->(01) (within terminal)
1 Octodon degus 0 -->(01) (within terminal)
1 Spalacopus cyanu 0 -->(01) (within terminal)
1 node_184 0 ==>(01) Prostichomys bow
1 Plesiacarechimys 0 -->(01) (within terminal)
1 Mayomys confluen 1 -->(01) (within terminal)
1 Eobranisamys rom 1 -->(01) (within terminal)
1 Eobranisamys jav 1 -->(01) (within terminal)
1 Tarapotomys mayo 1 -->(01) (within terminal)
1 Tarapotomys suba 1 -->(01) (within terminal)
1 Cachiya cay kumme 1 -->(01) (within terminal)
1 Metaphiomys scha 0 -->(01) (within terminal)
1 Acritophiomys bo 0 -->(01) (within terminal)
1 Archetyphiomys 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 Tamquaamys dispi 0 -->(01) (within terminal)
1 Chapattimys wil 0 -->(01) (within terminal)
1 'Waslamys' attia 0 -->(01) (within terminal)
1 Phiomys hammudai 0 -->(01) (within terminal)
1 Cachiya cay conta 0 -->(01) (within terminal)
1 node_198 0 ==>(01) node_141
1 Branisamyopsis a 1 -->(01) (within terminal)
1 Neosteiromys pat 1 -->(01) (within terminal)
1 node_126 1 ==>(01) node_125
1 Steiromys defent 1 -->(01) (within terminal)
1 Hypsosteiromys a 1 -->(01) (within terminal)
1 Chaetomys subsp 1 -->(01) (within terminal)
1 node_140 1 -->(01) node_138
1 Doli chonis parag 0 -->(01) (within terminal)
1 Hydrochoerus hyd 0 -->(01) (within terminal)
1 Galea spixiii 0 -->(01) (within terminal)
1 Perimys intermed 0 -->(01) (within terminal)
1 Neoreomys aust 0 -->(01) (within terminal)
1 Branisamy luri b 0 -->(01) (within terminal)
1 Dasyprocta 1 -->(01) (within terminal)
1 Eoincarnys pascua 0 -->(01) (within terminal)
1 incarnys bolivian 0 -->(01) (within terminal)
1 node_149 0 -->(01) node_148
1 Potamarchus muri 1 -->(01) (within terminal)
1 Neoepilema ambr 1 -->(01) (within terminal)
1 Chincharilla lanig 1 -->(01) (within terminal)
1 Lagidium vis cac 1 -->(01) (within terminal)
1 Lagostomus maxim 1 -->(01) (within terminal)
1 node_153 0 -->(01) node_152
1 Evoiscaccia tras 1 -->(01) (within terminal)
1 Evoiscaccia aust 1 -->(01) (within terminal)
1 Scleromys praecu 0 -->(01) (within terminal)
1 Chambiramys ship 0 -->(01) (within terminal)
1 Chambiramys sylv 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 Diseadomys aramb 0 -->(01) (within terminal)
1 Acaremys murinus 0 -->(01) (within terminal)
1 Sciamys principa 0 -->(01) (within terminal)
1 Galilieomy s euryg 0 -->(01) (within terminal)
1 Willidewu estepa 0 -->(01) (within terminal)
1 Prospaniomys pri 0 -->(01) (within terminal)
1 node_186 0 -->(01) node_183
1 Spaniomys ripari 1 -->(01) (within terminal)

384 (Length of the) 0.700
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<th>Species</th>
<th>Category</th>
<th>Terminality</th>
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<tbody>
<tr>
<td>Maruchito trilof</td>
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<td>Thrichomys aperellus</td>
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<td>Chambramyss ship</td>
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<td>Leucokcephalos ze</td>
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<td>Platypittamys br</td>
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<td>Sciamys principa</td>
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Hsearch Consensus.out

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Page p
Willidewu estepa 0 --> (01) (within terminal)
Prospaniomys pri 0 --> (01) (within terminal)
Spaniomys ripari 0 --> (01) (within terminal)
Maruchito trilof 0 --> (01) (within terminal)
Thrichomys apere 0 --> (01) (within terminal)
Echimys chrysurus 0 --> (01) (within terminal)
Makalata delph 0 --> (01) (within terminal)
Protadelphomys 0 --> (01) (within terminal)
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Neophanomys bipl 0 --> (01) (within terminal)
Pithanotomys col 0 --> (01) (within terminal)
Octodon degus 0 --> (01) (within terminal)
Spalacopus cyanus 0 --> (01) (within terminal)
Abrocoma bennettii 0 --> (01) (within terminal)
Adelphomys candi 0 --> (01) (within terminal)
Stichomys regula 0 --> (01) (within terminal)
Dudumus ruigomez 0 --> (01) (within terminal)
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Plesiacaechiumys 0 --> (01) (within terminal)
Salliamy pallidus 0 --> (01) (within terminal)
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Tarapotomys suba 0 --> (01) (within terminal)
Thryonomys swindlesi 0 --> (01) (within terminal)
Paraphiomys pigo 0 --> (01) (within terminal)
Baluchimys barryi 0 --> (01) (within terminal)

386 (Mesoconid ou) 0.857

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node_215 1 --> 0 node_119
node_119 1 --> 0 node_118
node_118 1 --> 0 node_120
node_120 1 --> 0
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Protosteiromys m 1 --> (01) (within terminal)
Chaetomys subspis 1 --> (01) (within terminal)
Dolichotis patagona 1 --> (01) (within terminal)
Hydrochoerus hyd 1 --> (01) (within terminal)
Cavia aperea 1 --> (01) (within terminal)
Galea spixii 1 --> (01) (within terminal)
Perimys intermedia 1 --> (01) (within terminal)
Neoreomys australis 1 --> (01) (within terminal)
Dasypauta 1 --> (01) (within terminal)
Microscieromys pa 1 --> (01) (within terminal)
Scleromys quadrata 1 --> (01) (within terminal)
Scleromys angust 1 --> (01) (within terminal)
Drytomomys aequa 1 --> (01) (within terminal)
Potamarchus muri 1 --> (01) (within terminal)
Neopiplima ambr 1 --> (01) (within terminal)
Chinchilla lanigera 1 --> (01) (within terminal)
Lagidium viscaci 1 --> (01) (within terminal)
Lagostomus maximus 1 --> (01) (within terminal)
Scleromys osborni 1 --> (01) (within terminal)
Eoviscaccia fras 1 --> (01) (within terminal)
Eoviscaccia august 1 --> (01) (within terminal)
Scleromys praecuc 1 --> (01) (within terminal)
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Chambiramys sylv 1 --> (01) (within terminal)
Leucosclerops ze 1 --> (01) (within terminal)
Deseadomys aramb 1 --> (01) (within terminal)
Acaremys muri 1 --> (01) (within terminal)
Scleromys principa 1 --> (01) (within terminal)
Willidewu estepa 1 --> (01) (within terminal)
Myocastor coypus 1 --> (01) (within terminal)
Proechimys cuvie 1 --> (01) (within terminal)
Maruchito trilof 1 --> (01) (within terminal)
Thrichomys apere 1 --> (01) (within terminal)

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1 Lagostomus maxim 1 --> (01) (within terminal)
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1 Scleromy praecu 1 --> (01) (within terminal)
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1 Acaremys murinus 1 --> (01) (within terminal)
1 Sci amys prin cip 1 --> (01) (within terminal)
1 Galileomys euryg 1 --> (01) (within terminal)
1 Spani omys ripari 1 --> (01) (within terminal)
1 Myocastor coypus 1 --> (01) (within terminal)
1 Makalata didel ph 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Ctenomys bolivie 1 --> (01) (within terminal)
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1 Mayomys confluen 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
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1 Cachiyacuy kumme 1 --> (01) (within terminal)
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Baluchi my s b arry 1 --> (01) (within terminal)
1 Arch etypomys erl 0 --> (01) (within terminal)
1 Tamquammy s dis pi 1 --> (01) (within terminal)
1 Chapatti my s wi s 0 --> (01) (within terminal)
1 'Waslams' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespi na woodi- E 0 --> (01) (within terminal)
1 Canaani my s maqui 0 --> (01) (within terminal)
1 Protoste romys m 0 --> (01) (within terminal)
1 Branisamopsis a 0 --> (01) (within terminal)
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1 Hyposte romys a 0 --> (01) (within terminal)
1 Chaetomys subsip 0 --> (01) (within terminal)
1 node_141 0 --> 1 Palaeoste romys
1 Australaproct a f 0 --> (01) (within terminal)
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1 Incamys bolivian 0 --> (01) (within terminal)
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1 Lagostomus maxim 0 --> (01) (within terminal)
1 Garridomys cuvie 0 --> (01) (within terminal)
1 Eovi scaccia fras 0 --> (01) (within terminal)
1 Scleromy praecu 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Draconomys verei 0 --> (01) (within terminal)
1 Leucok ephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
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1 node_171 0 --> 1 Thrichomys apere
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1 Chinchilla lanig 1 --> (01) (within terminal)
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1 Scleromys prae cu 1 --> (01) (within terminal)
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1 Sciamys princi pa 1 --> (01) (within terminal)
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1 node_183 0 ==> 1 node_182
1 node_170 1 ==> 0 node_169
1 node_172 1 ==> 0 Makalata di del ph
1 node_174 1 ==> 0 Euryzygomaticys
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1 Octodon degus 1 --> (01) (within terminal)
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1 Arche typomy s erl 1 --> (01) (within terminal)
1 node_219 1 --> 0 Tribosphenomys
1 Reithroparamys d 1 --> (01) (within terminal)
1 node_216 1 ==> 0 Tamquammy s dispi
1 Ottomania proavi 1 --> (01) (within terminal)
1 Hod sahibia azrae 1 --> (01) (within terminal)
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1 node_207 0 ==> 1 node_206
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1 Scleromys angust 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
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1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
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1 Leucokephalos ze 0 --> (01) (within terminal)
1 Platypittamys br 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)

Pge p
Hsearch_Consensus.out
1 Leucokephalos ze 0 --> (01) (within terminal)
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1 Platypittamys br 1 --> (01) (within terminal)
1 node_188 0 ==> 1 node_187
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1 Protadelphomys l 1 --> (01) (within terminal)
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1 Spalacopus cyanu 0 --> (01) (within terminal)
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1 Lagostomus maxim 1 --> (01) (within terminal)
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Scleromys praecu 1 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_163 0 ==> 1 Platypittamys br
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
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405 (Length of the) 1.000
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<td>Spalacopus cyanus</td>
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<td>Abrocoma bennettii</td>
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<td><em>Prostichomys bow</em></td>
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<td><em>Tarapotomys suba</em></td>
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<td><em>'Waslamys' attia</em></td>
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<td><em>Chaetomys subspi</em></td>
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408 (Hypaconul id o) 0.667

409 (Anteroflexid) 0.286
Hsearch_Consensus.out

1  Cavia apera 1 --> (01) (within terminal)
1  Microscleromys p 0 --> (01) (within terminal)
1  node_154 0 ==> 1 node_153
1  node_148 1 ==> 0 node_145
1  Potamarchus muri 0 --> (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  Garridomys curnu 1 --> (01) (within terminal)
1  Scleromys praecu 0 --> (01) (within terminal)
1  Chambiramys ship 0 --> (01) (within terminal)
1  Eoincamys parvus 0 --> (01) (within terminal)
1  node_159 0 --> 1 Chambiramys sylv
1  Eoincamys valver 0 --> (01) (within terminal)
1  Draconomys verai 0 --> (01) (within terminal)
1  node_165 0 ==> 1 node_164
1  Acaremys murinus 1 --> (01) (within terminal)
1  Willidewu estepa 0 --> (01) (within terminal)
1  Maruchito trilof 0 --> (01) (within terminal)
1  Thrichomys aper 0 --> (01) (within terminal)
1  Echimys chrys 0 --> (01) (within terminal)
1  Makalata didelph 0 --> (01) (within terminal)
1  Protodelphomys 0 --> (01) (within terminal)
1  Euryzygomaticys 0 --> (01) (within terminal)
1  Mesocapromys/Mys 0 --> (01) (within terminal)
1  Xenodontomys sim 0 --> (01) (within terminal)
1  Ctenomys boliv 0 --> (01) (within terminal)
1  Neophanomys 0 --> (01) (within terminal)
1  Pitamotomys col 0 --> (01) (within terminal)
1  Octodon degus 0 --> (01) (within terminal)
1  Spalacopus cyan 0 --> (01) (within terminal)
1  Abructa 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  Pampamys emmons 0 --> (01) (within terminal)
1  Sallamys pascual 0 --> (01) (within terminal)
1  node_203 0 --> 1 node_202
1  Tarapotomys suba 1 --> (01) (within terminal)
1  Thryonomys swind 0 --> (01) (within terminal)
1  Paraphromys pigo 0 --> (01) (within terminal)
1  Baluchimys barry 0 --> (01) (within terminal)
1  Archetypomys erl 0 --> (01) (within terminal)
1  Tamquammys dispi 0 --> (01) (within terminal)
1  Wulamsyi attia 0 --> (01) (within terminal)
1  Chaetomys subsp 0 --> (01) (within terminal)
1  node_138 0 --> 1 node_137
1  Dolichotis patag 1 --> (01) (within terminal)
1  Hydrochoerus hyd 1 --> (01) (within terminal)
1  Cavia apera 1 --> (01) (within terminal)
1  Galea spixii 1 --> (01) (within terminal)
1  Perimys intermed 1 --> (01) (within terminal)
1  node_137 1 --> 0 Neoreomys aust 1
1  node_139 0 ==> 1 Dasyprocta
1  Microscleromys p 0 --> (01) (within terminal)
1  Scleromys quadra 0 --> (01) (within terminal)
1  Scleromys angust 0 --> (01) (within terminal)
1  node_145 0 --> 1 node_144
1  Potamarchus muri 1 --> (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  Garridomys curnu 0 --> (01) (within terminal)
1  Eoincamys parvus 0 --> (01) (within terminal)
1  Scleromys praecu 0 --> (01) (within terminal)
1  Chambiramys ship 0 --> (01) (within terminal)

410 (Strong reduct) 0.125
Hsearch_Consensus.out

1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 node_195 0 ==> 1 node_194
1 Draconomys verai 1 --> (01) (within terminal)
1 Sciamys principia 1 --> (01) (within terminal)
1 Willidewu estepa 1 --> (01) (within terminal)
1 node_188 1 ==> 0 node_187
1 node_169 0 ==> 1 Proechimys cuvie
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys apere 0 --> (01) (within terminal)
1 Echinomys chrysyrus 0 --> (01) (within terminal)
1 Makalata didelph 0 --> (01) (within terminal)
1 Protadelphomyse 0 --> (01) (within terminal)
1 Euryzygomatomyse 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomyse sim 0 --> (01) (within terminal)
1 Ctenomyse bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanus 0 --> (01) (within terminal)
1 Abrocoma bennett 0 --> (01) (within terminal)
1 Adelphomyse candi 0 --> (01) (within terminal)
1 Stichomyse regula 0 --> (01) (within terminal)
1 Pampamyse emmonsia 1 --> (01) (within terminal)
1 node_191 1 ==> 0 Plesiacarechimys
1 Sallamys pascaul 1 --> (01) (within terminal)
1 Tarapotomyse mayo 0 --> (01) (within terminal)
1 Tarapotomyse su 0 --> (01) (within terminal)
1 Thyrnomomyse wind 0 --> (01) (within terminal)
1 Paraphomyse pigo 0 --> (01) (within terminal)
1 Baluchiomys barry 0 --> (01) (within terminal)
1 Archeytomomys erl 0 --> (01) (within terminal)
1 Tribosphenomyse m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamyse d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammyse dispi 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 node_135 0 ==> 1 node_134
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apere 1 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 node_152 0 ==> 1 node_151
1 Scleromyse praecu 0 --> (01) (within terminal)
1 Euryzygomatomyse 0 --> (01) (within terminal)
1 node_182 0 ==> 1 node_181
1 node_186 0 --> 1 node_185
1 Adelphomyse candi 1 --> (01) (within terminal)
1 Stichomyse regula 1 --> (01) (within terminal)
1 Baluchiomys barry 0 --> (01) (within terminal)
1 Archeytomomys erl 0 --> (01) (within terminal)
1 Tribosphenomyse m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Reithroparamyse d 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammyse dispi 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 node_136 0 --> 1 node_135
1 Dolichotis pata 1 --> (01) (within terminal)
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia apere 1 --> (01) (within terminal)
1 Galea spixii 1 --> (01) (within terminal)
1 Perimyse intermed 1 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)

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Hsearch_Consensus.out

1 node_153 0 --> 1 node_152
1 Eoviscaccia fras 1 --> (01) (within terminal)
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 node_171 0 --> 1 Thrichomys aper e
1 node_175 0 --> 1 node_174
1 Eurzygymatomyms 1 --> (01) (within terminal)
1 Xenodontomyms sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
1 Archetypomyms 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 Tamqua mmys dispi 0 --> (01) (within terminal)
1 node_135 0 ==> 1 node_134
1 Hydrochoerus hyd 1 --> (01) (within terminal)
1 Cavia aper e 1 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxi m 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Eurzygymatomyms 0 --> (01) (within terminal)
1 node_181 0 ==> 1 node_178
1 Archetypomyms 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 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Dolichotis patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper e 0 --> (01) (within terminal)
1 Galea spixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 node_139 0 ==> 1 Dasyprocta
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxi m 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 node_164 0 ==> 1 Scia mmys p rince p
1 node_171 0 ==> 1 Thrichomys aper e
1 Eurzygymatomyms 0 --> (01) (within terminal)
1 Xenodontomyms sim 0 --> (01) (within terminal)
1 Ctenomys bolivie 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Archetypomyms erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomys ligchaen 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper e 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Lagostomus maxi m 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 node_178 0 ==> 1 node_177
1 Archetypomyms erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
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1 Birbalatomyms sonda 0 --> (01) (within terminal)
1 Tamquamyms dispi 0 --> (01) (within terminal)
1 Chapatti myms wils 0 --> (01) (within terminal)
1 Ottomaniap roav i 0 --> (01) (within terminal)
1 Bugtimys zafar ul 0 --> (01) (within terminal)
1 Ho dsha bibi a az rae 0 --> (01) (within terminal)
1 'Waslamyms' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiya cu conta 0 --> (01) (within terminal)
1 Eoe spina woodi-E 0 --> (01) (within terminal)
1 Canaanimyms maqui 0 --> (01) (within terminal)
1 Protosteirmomyms m 0 --> (01) (within terminal)
1 Eosteirmomyms homo 0 --> (01) (within terminal)
1 Branisamyopsisis a 0 --> (01) (within terminal)
1 Neosteirmomyms pat 0 --> (01) (within terminal)
1 E rethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steirmomyms detent 0 --> (01) (within terminal)
1 Hypsosteirmomyms a 0 --> (01) (within terminal)
1 Chaetomyms subspi 0 --> (01) (within terminal)
1 Palaes teirmomyms 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 Dolichoto ris patag 0 --> (01) (within terminal)
1 Hydrochoerus hyd 0 --> (01) (within terminal)
1 Cavia aper ea 0 --> (01) (within terminal)
1 Galeaspixii 0 --> (01) (within terminal)
1 Perimys intermed 0 --> (01) (within terminal)
1 Neoreomyms austra 0 --> (01) (within terminal)
1 Branisamyms lurib 0 --> (01) (within terminal)
1 Dasyprocta f 0 --> (01) (within terminal)
1 Cuniculus paca-t 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Micoscleromyms p 0 --> (01) (within terminal)
1 Scleromyms quadra 0 --> (01) (within terminal)
1 Scleromyms angust 0 --> (01) (within terminal)
1 Drytomo myms aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dino myms branicki 0 --> (01) (within terminal)
1 Neoepl blem a ambri 0 --> (01) (within terminal)
1 Chinchilla lanig 0 --> (01) (within terminal)
1 Lagidium vizacaci 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Scleromyms osborn 0 --> (01) (within terminal)

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1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamyb br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sclamys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomyms pri 0 --> (01) (within terminal)
1 Spaniomyms ripari 0 --> (01) (within terminal)
1 Myocastor coopys 0 --> (01) (within terminal)
1 Proechimys cuvie 0 --> (01) (within terminal)
1 Maruchito trilof 0 --> (01) (within terminal)
1 Thrichomys aper 0 --> (01) (within terminal)
1 Echimys chrysuru 0 --> (01) (within terminal)
1 Makalata dideph 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygmatomys 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 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 cand 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus rig 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Caviocri cetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 0 --> (01) (within terminal)
1 Sallamys pascuai 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamyms laboc 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys ucamai 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi mys bary 0 --> (01) (within terminal)

428 (Secondary int) 1.000
1 node_131 0 ==> 1 Hydrochoerus hyd

429 (Tertiary int) 0.500
1 Potamarchus muri 0 ==> (01) (within terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_132 0 ==> 1 Cavia aperea

430 (Primary int) 1.000
1 Potamarchus muri 0 ==> (01) (within terminal)
1 node_132 0 ==> 1 Hydrochoerus hyd

431 (Fundamental e) 0.500
1 Potamarchus muri 0 ==> (01) (within terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd
1 node_132 0 ==> 1 Cavia aperea

432 (Secondary ext) 1.000
1 Potamarchus muri 0 ==> (01) (within terminal)
1 node_131 0 ==> 1 Hydrochoerus hyd

433 (*Mandible) 0.667
1 Archetytompymys erl 0 ==> (012) (within terminal)
1 node_216 0 --> 1 node_215
2 Chapattimys wils 1 --> (012) ( within terminal)
2 Ottomania proavi 1 --> (012) ( within terminal)
2 Bugtimys zafarul 1 --> (012) ( within terminal)
2 Hodshahibia azrae 1 --> (012) ( within terminal)
2 'Waslamys' attia 1 --> (012) ( within terminal)
2 Cachiyacuy conta 1 --> (012) ( within terminal)
2 Eoespina woodi-E 1 --> (012) ( within terminal)
2 Canaanimys maqui 1 --> (012) ( within terminal)
2 Protosteiromys m 1 --> (012) ( within terminal)
2 Eosteiromys homo 1 --> (012) ( within terminal)
2 Hypsosteiromys a 1 --> (012) ( within terminal)
2 Palaeosteiromys 1 --> (012) ( within terminal)
2 Australoprocta f 1 --> (012) ( within terminal)
2 Luantus propheti 1 --> (012) ( within terminal)
2 Asteromys punctu 1 --> (012) ( within terminal)
1 node_134 1 ==> 2 node_133
2 Neoreomys austra 1 --> (012) ( within terminal)
2 Branisamys lurib 1 --> (012) ( within terminal)
1 node_139 1 ==> 2 Dasyprocta
2 Eoincamys paścua 1 --> (012) ( within terminal)
2 Incamys bolivian 1 --> (012) ( within terminal)
2 Microscleromys p 1 --> (012) ( within terminal)
2 Neopiblema ambr 1 --> (012) ( within terminal)
2 Garridomys curnu 1 --> (012) ( within terminal)
2 Eoviscaccia fras 1 --> (012) ( within terminal)
2 Eoviscaccia aust 1 --> (012) ( within terminal)
2 Chambiramys ship 1 --> (012) ( within terminal)
2 Eoincamys parvus 1 --> (012) ( within terminal)
2 Chambiramys sylv 1 --> (012) ( within terminal)
2 Eoincamys valver 1 --> (012) ( within terminal)
2 Eoincamys ameghi 1 --> (012) ( within terminal)
2 Draconomys verai 1 --> (012) ( within terminal)
2 Leucokephalos ze 1 --> (012) ( within terminal)
2 Platypittamys br 1 --> (012) ( within terminal)

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terminal
1. Canaanimys maqui 1 --> (012) (within terminal)
2. Protosteiromys m 0 --> (012) (within terminal)
3. Eosteiromys homo 0 --> (012) (within terminal)
4. Neosteiromys pat 0 --> (012) (within terminal)
5. node_125 0 --> 1 Eirethizon dorsat
6. Steiromys detent 0 --> (012) (within terminal)
7. Hyposteiromys a 1 --> (012) (within terminal)
8. Palaeosteiromys 1 --> (012) (within terminal)
9. Australoprocta f 1 --> (012) (within terminal)
10. Asteromys punctu 1 --> (012) (within terminal)
11. node_131 1 ==> 2 Dolichotis patag
12. Perimys intermed 1 --> (012) (within terminal)
13. Neoreomys austr 1 --> (012) (within terminal)
14. Branisamys lurib 1 --> (012) (within terminal)
15. node_139 1 ==> 2 Cuniculus pacat
16. node_195 1 --> 0 node_161
17. Eoincamys pa 0 --> (012) (within terminal)
18. Microscleromys p 0 --> (012) (within terminal)
19. Scleromys quadra 0 --> (012) (within terminal)
20. node_149 0 --> 1 node_148
21. Drytomomys aequa 1 --> (01) (within terminal)
22. Potamarchus muri 1 --> (012) (within terminal)
23. Neoepiblema ambr 1 --> (012) (within terminal)
24. Garridomys curr 0 --> (012) (within terminal)
25. Eoviscaccia fras 0 --> (012) (within terminal)
26. Eoviscaccia aust 0 --> (012) (within terminal)
27. Scleromys praecu 0 --> (012) (within terminal)
28. Chambiramys ship 0 --> (012) (within terminal)
29. Eoincamys parvus 0 --> (012) (within terminal)
30. Chambiramys sylv 0 --> (012) (within terminal)
31. Eoincamys valver 0 --> (012) (within terminal)
32. Eoincamys ameghi 0 --> (012) (within terminal)
33. Draconomys verai 1 --> (012) (within terminal)
34. Galileomys euryg 1 --> (012) (within terminal)
35. Prospaniomys pri 1 --> (012) (within terminal)
36. Maruchito trilof 1 --> (012) (within terminal)

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1 Pozomys ucayaliei 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 Baluchimys barry 0 --> (01) (within terminal)
2 Archetypomys erl 1 --> (012) (within terminal)
2 Cocomys lig chaen 1 --> (012) (within terminal)
2 Bir balomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
1 node_120 1 --> 2 node_119
2 Hodsahibia azrae 2 --> (012) (within terminal)
1 node_210 1 --> 2 node_209
2 Phi omys hammudai 2 --> (012) (within terminal)
2 Cachi yacuy conta 2 --> (012) (within terminal)
2 Canaanimys maqui 2 --> (012) (within terminal)
1 node_205 2 --> 1 node_204
2 Proto steiromys m 1 --> (012) (within terminal)
2 Neoste iromys pat 1 --> (012) (within terminal)
2 Steiromys detent 1 --> (012) (within terminal)
2 Hypsoste iromys a 1 --> (012) (within terminal)
2 Palaeoste iromys 1 --> (012) (within terminal)
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 aper ea
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermed 1 --> (012) (within terminal)
1 node_138 1 ==> 0 Bran isamys lur ib
1 node_140 1 ==> 2 node_139
2 Eoincamys pas cu a 1 --> (012) (within terminal)
1 node_154 1 --> 2 node_142
2 Micro scleromys 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 Neoepiblema ambr 2 --> (012) (within terminal)
2 Lagostomus maxim 2 --> (012) (within terminal)
1 node_152 1 --> 2 node_151
2 Evoiscacclla fras 2 --> (012) (within terminal)
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<tr>
<td>Tarapotomys suba</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Cachi yacuy kumme</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Thryonomys apere</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Archetypomys erl</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Tribosphenomys m</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Birbalomys sonda</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
<tr>
<td>Chapattimys wils</td>
<td>2</td>
<td>(012)</td>
<td>1</td>
<td>(012)</td>
</tr>
</tbody>
</table>

442 (*Anterior ori) 0.214
Hsearch_Consensus.out
terminal)
2 Australoprocta f 1 --> (012) (within terminal)
1 node_137 1 --> 2 node_136
2 Asteromys punctu 2 --> (012) (within terminal)
1 node_133 2 --> 1 node_132
1 node_132 1 ==>(0 Galea spixii
2 Perimys intermedi 2 --> (012) (within terminal)
1 Dasyp procta 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
1 Incamys bolivian 1 --> (12) (within terminal)
2 Microsc lomermys p 1 --> (012) (within terminal)
2 Scler omys quadra 1 --> (012) (within terminal)
1 node_148 1 --> 2 node_145
2 Drytomomys àeqau 2 --> (012) (within terminal)
1 node_148 1 --> 0 node_147
1 node_147 0 --> 1 Neoepiblema ambr
1 node_152 1 --> 2 node_151
2 Eoviscac clia Finas 2 --> (012) (within terminal)
2 Scleromys praecu 1 --> (012) (within terminal)
2 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
1 node_163 1 ==>(2 Platypittamys br
1 node_164 1 ==>(0 Acaremys murinus
1 node_165 1 ==>(2 Galileomys euryp
2 Willidewu estepa 1 --> (012) (within terminal)
1 node_190 1 --> 2 node_189
1 node_187 2 --> 1 node_186
1 Spaniomys ripari 1 --> (012) (within terminal)
1 Proechimys cuvie 1 --> (12) (within terminal)
1 node_170 1 --> 0 Maruchito trilof
1 Thrichomys àpere 1 --> (12) (within terminal)
1 node_173 1 --> 2 node_172
1 Makalata didelph 2 --> (12) (within terminal)
1 node_175 1 --> 2 node_174
2 Protadelphomys l 2 --> (012) (within terminal)
1 node_181 1 --> 2 node_178
2 Xenodon motomys sim 2 --> (012) (within terminal)
2 Neophanomys bis l 2 --> (012) (within terminal)
1 node_180 1 --> 0 node_179
2 Pithanotomys col 0 --> (012) (within terminal)
1 Prostichomys bow 1 --> (12) (within terminal)
1 Stichomys regula 1 --> (12) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

1  Sallamys pascual 1 --> (12) (within terminal)
2  Mayomys confluens 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  Tarapotomys mayo 2 --> (012) (within terminal)
2  Tarapotomys suba 2 --> (012) (within terminal)
2  Cachiyacuy kumme 2 --> (012) (within terminal)
1  node_209 2 --> 1 node_208
1  node_208 1 ==> 0 Paraphiomys pigo
1  Acritophiomys bo 1 --> (01) (within terminal)
2  Baluchimys barry 1 --> (012) (within terminal)
444 (*Development) 0.231
3  Archetypomys erl 0 --> (0123) (within terminal)
3  Birbalomys sonda 0 --> (0123) (within terminal)
3  Tamquammys dispi 0 --> (0123) (within terminal)
3  Chapattimys wil 0 --> (0123) (within terminal)
3  Ottomania proavi 0 --> (0123) (within terminal)
3  Hodsahibia azrae 0 --> (0123) (within terminal)
3  'Waslamys' attia 0 --> (0123) (within terminal)
3  Phiomys hammudai 1 --> (0123) (within terminal)
3  Cachiyacuy conta 1 --> (0123) (within terminal)
3  Canaanimys maqui 1 --> (0123) (within terminal)
1  node_198 1 ==> 2 node_141
3  Protosteiromys m 2 --> (0123) (within terminal)
2  node_126 2 --> 0 node_124
3  Eosteiromys Homo 0 --> (0123) (within terminal)
3  Neoosteiromys pat 0 --> (0123) (within terminal)
1  node_126 2 ==> 3 node_125
3  Steiromys defent 2 --> (0123) (within terminal)
3  Hyposteiromys a 2 --> (0123) (within terminal)
3  Palaeosteiromys 2 --> (0123) (within terminal)
1  node_141 2 --> 3 node_140
3  Australoproctaf 3 --> (0123) (within terminal)
3  Luantus propheti 3 --> (0123) (within terminal)
3  Asteromys punctu 3 --> (0123) (within terminal)

P g e
Hsearch_Consensus.out

3 Protadelphomys 1 0 --> (0123) (within terminal)
1 node_181 0 --> 1 node_178
3 Xenodontomys sim 1 --> (0123) (within terminal)
3 Neophanomys bipl 1 --> (0123) (within terminal)
3 Pithanotomys col 0 --> (0123) (within terminal)
3 Adelphomys candi 0 --> (0123) (within terminal)
3 Protichomys bow 0 --> (0123) (within terminal)
3 Stichomys regula 0 --> (0123) (within terminal)
3 Dudumus ruigomez 0 --> (0123) (within terminal)
3 Pampamys emmonsa 0 --> (0123) (within terminal)
3 Caviocricetus lu 0 --> (0123) (within terminal)
3 Plesiacarechimys 0 --> (0123) (within terminal)
3 Sallamys pascual 0 --> (0123) (within terminal)
3 Mayomys confluen 1 --> (0123) (within terminal)
3 Eosallamys paula 1 --> (0123) (within terminal)
3 Shapajamys laboc 1 --> (0123) (within terminal)
3 Eobranisamys rom 1 --> (0123) (within terminal)
3 Eobranisamys jav 1 --> (0123) (within terminal)
3 Pozomys ucayalie 1 --> (0123) (within terminal)
3 Tarapotomys mayo 1 --> (0123) (within terminal)
3 Tarapotomys suba 1 --> (0123) (within terminal)
3 Cachiyacuy kumme 1 --> (0123) (within terminal)
3 Paraphiomys pigo 0 --> (0123) (within terminal)
3 Baluchimys barry 0 --> (0123) (within terminal)

445 (Development) 0.500

1 Archeytopomys erl 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaomys dispi 0 --> (01) (within terminal)
1 Chappattimys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Hodshahibla azrae 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Eosteiromys homo 0 --> (01) (within terminal)
1 Neosteiromys pat 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Palaeosteiromys 0 --> (01) (within terminal)
1 Australoprocta f 0 --> (01) (within terminal)
1 node_136 0 --> 1 node_135
1 Asteromys punctu 1 --> (01) (within terminal)
1 Perimys intermed 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)
Hsearch_Consensus.out

1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Neoeuphlema ambra 0 --> (01) (within terminal)
1 node_147 0 --> 1 Lagostomus maxim
1 Eoisiacaccia Tras 0 --> (01) (within terminal)
1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Protadelphomyss l 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Plesiacearchimys 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 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys 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 Cachiycuy kumme 0 --> (01) (within terminal)
1 Baluchimys bary 0 --> (01) (within terminal)

446 (*Depth of the) 0.667

2 Tribosphenomys 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 dispi 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiycuy conta 0 --> (012) (within terminal)
2 Eoepina woodi-E 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
1 node_198 0 --> 1 node_141
2 Protosteiromyss m 1 --> (012) (within terminal)
2 Eosteiromyss homo 1 --> (012) (within terminal)
2 Branisamyopsis a 1 --> (012) (within terminal)
2 Neosteiromyss pat 1 --> (012) (within terminal)
2 Steiromyss detent 1 --> (012) (within terminal)

Pgp
Hsearch_Consensus.out

2 Hypsosteiromys a 1 --> (012) (within terminal)
1 node_140 1 --> 2 node_138 (012) (within terminal)
2 Australoprocta f 2 --> (012) (within terminal)
2 Luantus propheti 2 --> (012) (within terminal)
2 Asteromys punctu 2 --> (012) (within terminal)
2 Perimys intermedi 2 --> (012) (within terminal)
2 Neoreomys austral 2 --> (012) (within terminal)
2 Branisamys lurib 2 --> (012) (within terminal)
2 Dasyproct a 1 --> (012) (within terminal)
2 Eoincamys pascua 0 --> (012) (within terminal)
2 Incamys bolivian 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)
1 node_148 0 --> 1 node_147
2 Neoepiblema ambr 1 --> (012) (within terminal)
2 Scleromys osborn 0 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokcephalos 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 Sciamys principa 0 --> (012) (within terminal)

Pge p
Hsearch Consensus.out

2 Galileomys euryg 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Spaniomys ripari 0 --> (012) (within terminal)
2 Myocastor coypus 0 --> (012) (within terminal)
2 Proechimys cuvie 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Trichomys apere 0 --> (012) (within terminal)
2 Echimys chrysuru 0 --> (012) (within terminal)
2 Makalata didelph 0 --> (012) (within terminal)
2 Protadelphomys l 0 --> (012) (within terminal)
2 Euryzygomatoomys 0 --> (012) (within terminal)
2 Mesocapromys/Mys 0 --> (012) (within terminal)
2 Xenodontomys sim 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 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 Cavio cricetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2 Sallamys 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 terminal)

Pge p
Hsearch_Consensus.out
1 Protadelphomys l 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Adelphomys can 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pamamys emmons a 0 --> (01) (within terminal)
1 Cavicrictetus lu 0 --> (01) (within terminal)
1 Plesi acarechi mys 0 --> (01) (within terminal)
1 Saliamys pas cual 0 --> (01) (within terminal)
1 Mayomys conf luen 0 --> (01) (within terminal)
1 Eosallamys paul a 0 --> (01) (within terminal)
1 Shapajamy l 0 --> (01) (within terminal)
1 Eobrani samys rom 0 --> (01) (within terminal)
1 Eobrani samys jav 0 --> (01) (within terminal)
1 Pozomys uca yal i e 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 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Accritophioms bo 0 --> (01) (within terminal)
1 Bal uchi mys bar ry 0 --> (01) (within terminal)
1 Archetypomys er l 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Co comys li gchaen 0 --> (01) (within terminal)
1 Bir bal omy s sonda 0 --> (01) (within terminal)
1 node_217 0 --> 1 node_216
1 Tamquammys di spi 1 --> (01) (within terminal)
1 Chapatti mys wil s 1 --> (01) (within terminal)
1 Ottomania proav i 1 --> (01) (within terminal)
1 Bugtimys zafar ul 1 --> (01) (within terminal)
1 Hodsah blia azra e 1 --> (01) (within terminal)
1 Walsamys attia 1 --> (01) (within terminal)
1 Phiomys ham mudai 1 --> (01) (within terminal)
1 Cachi yacuy cont a 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanmys maqui 1 --> (01) (within terminal)
1 Protei romys m 1 --> (01) (within terminal)
1 Eostei romys hom 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_125 1 ==> 0 Erethizon dorsat
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteiromys a 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 Luntus propheti 1 --> (01) (within terminal)
1 Asteromy s punct u 1 --> (01) (within terminal)
1 node_131 1 ==> 0 Dolichotis pata g
1 Perimys intermed 1 --> (01) (within terminal)
1 Neo er omys aust 1 --> (01) (within terminal)
1 Branisamys lur i b 1 --> (01) (within terminal)
1 Cuniculus paca-t 1 --> (01) (within terminal)
1 Incamys bolivian 1 --> (01) (within terminal)
1 Microscieromys 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)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
1 Neoepiblema amb r 1 --> (01) (within terminal)
1 Scleromys osborn 1 --> (01) (within terminal)
1 Garridomys cur nu 1 --> (01) (within terminal)
1 Evoiscaccia fras 1 --> (01) (within terminal)

448 (Height of the) 0.143

Pge p
Hsearch_Consensus.out
1 Eoviscaccia aust 1 --> (01) (within terminal)
1 Sclero my s pre cu 1 --> (01) (within terminal)
1 Chambiamys shi p 1 --> (01) (within terminal)
1 Eoincamys par vus 1 --> (01) (within terminal)
1 Chambiamys syl v 1 --> (01) (within terminal)
1 Eoincamys val v e r 1 --> (01) (within terminal)
1 Eoincamys ameghi 1 --> (01) (within terminal)
1 Draconomys vera i 1 --> (01) (within terminal)
1 Leucok ephal os z e 1 --> (01) (within terminal)
1 node_192 1 --> 0 node_167
1 Dessea domys a ramb 0 --> (01) (within terminal)
1 Acare mys m ur i n us 0 --> (01) (within terminal)
1 Sciamys princi pa 0 --> (01) (within terminal)
1 Gal il e om y s eury g 0 --> (01) (within terminal)
1 Willidewu est e pa 0 --> (01) (within terminal)
1 Prospaniomys pri 1 --> (01) (within terminal)
1 Spaniomys r i pari 1 --> (01) (within terminal)
1 Maruchito tri l o f 1 --> (01) (within terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (within terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomys si m 0 --> (01) (within terminal)
1 Neophanomys bi pl 0 --> (01) (within terminal)
1 node_180 0 --> 1 node_179
1 Pithanomys col 1 --> (01) (within terminal)
1 Adelphomys can di 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus r ui gomez 1 --> (01) (within terminal)
1 Pam p am y s e m m on a 1 --> (01) (within terminal)
1 Caviocr icetus lu 1 --> (01) (within terminal)
1 Plesiaca rechi m y s 1 --> (01) (within terminal)
1 Sallamys pas cu al 1 --> (01) (within terminal)
1 Mayomys con flu en 1 --> (01) (within terminal)
1 Eosallamys paulia 1 --> (01) (within terminal)
1 Shapaj amys laboc 1 --> (01) (within terminal)
1 Edbranisamys rom 1 --> (01) (within terminal)
1 Edbranisamys jav 1 --> (01) (within terminal)
1 Pozomys uca yai e 1 --> (01) (within terminal)
1 Tarapotomys may o 1 --> (01) (within terminal)
1 Tarapotomys suba 1 --> (01) (within terminal)
1 Cachi yacuy kumme 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 Baluchi my s bar ry 1 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m o 0 --> (01) (within terminal)
1 Coc omy s lig chaen 0 --> (01) (within terminal)
1 Birbal omy s son da 0 --> (01) (within terminal)
1 Tamqua m y s di s pi 0 --> (01) (within terminal)
1 Chapatti my s w i l s 0 --> (01) (within terminal)
1 Ottomania pro a vi 0 --> (01) (within terminal)
1 Bugtis my s zal faru l 0 --> (01) (within terminal)
1 Hod sani a bi az ra e 0 --> (01) (within terminal)
1 'Wasl amys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteir omys m 0 --> (01) (within terminal)
1 Eosteir omys homo 0 --> (01) (within terminal)
1 Neosteir omys pat 0 --> (01) (within terminal)
1 Stei r omys det ent 0 --> (01) (within terminal)
1 Hypsosteir omys a 0 --> (01) (within terminal)
1 Palaeosteir omys 0 --> (01) (within terminal)
1 node_141 0 ==> 1 node_140
1 Australoprocta f 1 --> (01) (within terminal)
Pge p
<table>
<thead>
<tr>
<th>Species</th>
<th>Nodes</th>
<th>Length</th>
<th>Taxonomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luantus propheti</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Asteromys punctu</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Perimys intermed</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neoreomys australis</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Dasyprocta</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eoincamus pascua</td>
<td>0</td>
<td>1</td>
<td>node_154 within terminal</td>
</tr>
<tr>
<td>Microscleromys p</td>
<td>1</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Scleromys angust</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Drytomomys aequa</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Potamarchus muriculus</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Neoeptiblemamambour</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Scleromys osborn</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Garridomyms curru</td>
<td>0</td>
<td>1</td>
<td>(01) within terminal</td>
</tr>
<tr>
<td>Eoiscaccia frasas</td>
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450 (Length of the) 0.500
Hsearch_Consensus.out

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2  Neoreomys australis 2 --> (012) (within terminal)
2  Bransamys lurib 2 --> (012) (within terminal)
2  node_139 2 --> 0 Dasyprocta (012) (within terminal)
2  Eoincamys pascua 0 --> (012) (within terminal)
2  Incamys boliviensis 0 --> (012) (within terminal)
2  Microscleromys p 0 --> (012) (within terminal)
2  Scleromys quadra 0 --> (012) (within terminal)
2  Scleromys angustus 0 --> (012) (within terminal)
2  Drytomomys aequa 0 --> (012) (within terminal)
2  Potamarchus muri 0 --> (012) (within terminal)
2  Neoepiblema ambr 0 --> (012) (within terminal)
1  node_147 0 --> 1 Lagostomus maximus
2  Scleromys osborn 0 --> (012) (within terminal)
2  Garridomys curnu 0 --> (012) (within terminal)
2  Eoviscaccia fras 0 --> (012) (within terminal)
2  Eoviscaccia austriacus 0 --> (012) (within terminal)
2  Scleromys praecurva 0 --> (012) (within terminal)
2  Chambiramys ship 0 --> (012) (within terminal)
2  Eoincamys parvus 0 --> (012) (within terminal)
2  Chambiramys sylvaticus 0 --> (012) (within terminal)
2  Eoincamys valverdei 0 --> (012) (within terminal)
2  Eoincamys ameghinianus 0 --> (012) (within terminal)
2  Draconomys vero 0 --> (012) (within terminal)
2  Leucokephalos zebrinus 0 --> (012) (within terminal)
2  Deseadomys aramboura 0 --> (012) (within terminal)
2  Acaremys murinus 0 --> (012) (within terminal)
2  Sciamys principis 0 --> (012) (within terminal)
2  Galileomys eurygnathus 0 --> (012) (within terminal)
2  Willidewu estepa 0 --> (012) (within terminal)
2  Prospaniomys priam 0 --> (012) (within terminal)
1  node_169 0 --> 1 node_168
2  Spaniomys riparius 0 --> (012) (within terminal)
2  Maruchito trilophus 0 --> (012) (within terminal)
1  node_172 0 --> 1 Echimys chrysura
Hsearch_Consensus.out

1 Scleromys praecu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys augehi 0 --> (01) (within terminal)
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1 Acaremys murinus 0 --> (01) (within terminal)
1 Sclamys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 bellyomys estega 0 --> (01) (within terminal)
1 node_192 0 --> 1 node_191
1 node_168 1 ==> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (within terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (within terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 node_180 0 --> 1 node_179
1 Pithanotomys col 1 --> (01) (within terminal)
1 Broccomys bennett 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Protichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmanna 1 --> (01) (within terminal)
1 Caviocrictetus lu 1 --> (01) (within terminal)
1 Plesiaca rechimys 1 --> (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 Chapajamys laboc 0 --> (01) (within terminal)
1 Eobranihamys rom 0 --> (01) (within terminal)
1 Eobranihamys jav 0 --> (01) (within terminal)
1 Pozomys cayal i e 0 --> (01) (within terminal)
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1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
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1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchihamys barry 0 --> (01) (within terminal)
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2 Tribosphenomys m 1 --> (012) (within terminal)
2 Cocomyms ligchaen 1 --> (012) (within terminal)
2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomaniaproavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodshabiiazrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
Hsearch_Consensus.out

2 Cachiacyucuy con ta 1 --> (012) (within terminal)
2 Eoespina woodi - E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiramys m 1 --> (012) (within terminal)
2 Eosteiramys homo 1 --> (012) (within terminal)
2 Branisamyops a 1 --> (012) (within terminal)
2 Neosteiramys pat 1 --> (012) (within terminal)
2 Erethizon dorsat 1 --> (012) (within terminal)
2 Coendou prehensi 1 --> (012) (within terminal)
2 Steiramys detent 1 --> (012) (within terminal)
2 Hypsosteiramys a 1 --> (012) (within terminal)
2 Chaetomys subsp 1 --> (012) (within terminal)
2 Palaeosteiramys 1 --> (012) (within terminal)
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)
1 node_132 1 ==> 0 Galea spixii
2 Perimys intermed 1 --> (012) (within terminal)
2 Neoreomys aust r 1 --> (012) (within terminal)
2 Branisamy spic a 1 --> (012) (within terminal)
1 node_140 1 ==> 2 node_139
1 node_198 1 --> 0 node_197
2 Eoincamys pa scua 0 --> (012) (within terminal)
2 Incamys bolivian 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 branicki 0 --> (012) (within terminal)
2 Neoepiblema ambr 0 --> (012) (within terminal)
2 Lagidium visci ca 0 --> (012) (within terminal)
2 Lagostomus maxim 0 --> (012) (within terminal)

Pge p
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456 (Length of the) 0.167

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1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromy s punctu 1 --> (01) (within terminal)
1 Perioms intermedi 1 --> (01) (within terminal)
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1 Eoincarnys pascua 1 --> (01) (within terminal)
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1 node_145 1 --> 0 node_144
1 Potamarchus muti 0 --> (01) (within terminal)

Pge p
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1 Deseadomys aramb 1 --> (01) (within terminal)
1 Sci amys prin cipa 1 --> (01) (within terminal)
1 Gali leomy s euryg 1 --> (01) (within terminal)
1 Wili deuw est epa 1 --> (01) (within terminal)
1 node_169 1 --> 0 node_168
1 Spani oms ripari 1 --> (01) (within terminal)
1 Maruchito trilo f 1 --> (01) (within terminal)
1 Protadel phomys l 1 --> (01) (within terminal)
1 node_175 1 --> 0 Mesocapromys/Mys
1 Xenodontomys sim 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 Adel phomys candi 1 --> (01) (within terminal)
1 Prostichomy s bow 1 --> (01) (within terminal)
1 Stichomy s regul 1 --> (01) (within terminal)
1 Dudumus rigomez 1 --> (01) (within terminal)
1 Pam pamys emmora 1 --> (01) (within terminal)
1 Cav ocr its lu 1 --> (01) (within terminal)
1 Plesi a carechi mys 1 --> (01) (within terminal)
1 S aliamys pas cua 1 --> (01) (within terminal)
1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paul 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
1 Eobramys rom 1 --> (01) (within terminal)
1 Eobramys jav 1 --> (01) (within terminal)
1 Pozomys ucaya lu 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 Metaphiomys scha 1 --> (01) (within terminal)
1 Acritophiomys bo 1 --> (01) (within terminal)
1 Baluchimys barg 1 --> (01) (within terminal)
1 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Birbal oms sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattimys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafar 1 --> (012) (within terminal)
2 Hod sahibia azrae 1 --> (012) (within terminal)
2 Waslamys attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachi yacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
457 (*Length of th) 0.154
Hsearch_Consensus.out

2 Canaanmys maqui 1 --> (012) (within terminal)
1 node_198 1 ==> 2 node_141
2 Protosteirromys m 2 --> (012) (within terminal)
1 node_126 2 --> 1 node_124
2 Branisamyops a 1 --> (012) (within terminal)
2 Neosteirromys pat 1 --> (012) (within terminal)
2 Palaeosteirromys 2 --> (012) (within terminal)
1 node_138 2 ==> 1 node_137
2 Australoproctaff 1 --> (012) (within terminal)
2 Luantus propheti 1 --> (012) (within terminal)
2 Asteromys punctu 1 --> (012) (within terminal)
1 node_133 1 ==> 0 node_131
1 node_132 1 ==> 2 Cavia apera
2 Perimys intermed 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
2 Incamys bolivian 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)
1 node_148 1 ==> 2 node_145
2 Potamarchus muri 2 --> (012) (within terminal)
1 node_147 1 ==> 2 Neoepiblema ambr
1 node_147 1 ==> 0 node_146
2 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
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 Sciamys principa 1 --> (012) (within terminal)
Hsearch_CONSENSUS.out

2 Galileomys euryg 1 --> (012) (within terminal)
2 Willidewu estepa 1 --> (012) (within terminal)
2 Prospaniomys pri 1 --> (012) (within terminal)
2 Maruchito trilof 1 --> (012) (within terminal)
1 node_171 1 ==> 0 Thrichomys aper e
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 bipl 2 --> (012) (within terminal)
2 Pithanotomys col 2 --> (012) (within terminal)
2 Abrocoma bennett 1 --> (012) (within terminal)
2 Adelphomys candi 1 --> (012) (within terminal)
2 Prostichomys bow 1 --> (012) (within terminal)
2 Stichomys regula 1 --> (012) (within terminal)
2 Dudumus ruigomez 1 --> (012) (within terminal)
2 Pampamys emmons 1 --> (012) (within terminal)
2 Cavio cricetus lu 1 --> (012) (within terminal)
2 Plesi acarchi mys 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 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)
2 Paraphiomys pigo 1 --> (012) (within terminal)
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys 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 dispi 2 --> (012) (within terminal)

458 (*Shape of the) 0.143

Pge p
Chapatti mys wils 2 --> (012) (within terminal)
Rottomania proavi 2 --> (012) (within terminal)
Bugtimys zafarul 2 --> (012) (within terminal)
Hodsahibia azrae 2 --> (012) (within terminal)
Waslamys' attia 2 --> (012) (within terminal)
Pliomys hammudai 2 --> (012) (within terminal)
Cachiyacuy conta 2 --> (012) (within terminal)
Eoespina woodi-E 2 --> (012) (within terminal)
Canaanimys maqui 2 --> (012) (within terminal)
Protosteiromyms m 2 --> (012) (within terminal)
Brantisamyopsis a 2 --> (012) (within terminal)
Neosteiromyms pat 2 --> (012) (within terminal)
node_126 2 ==> 1 node_125
node_125 1 ==> 0 Erethizon dorsat
node_129 2 ==> 0 Chaetomys subspi
Palaeosteiromyms 2 --> (012) (within terminal)
Australoproctaf 2 --> (012) (within terminal)
node_137 2 --> 1 node_136
Luantus propheti 1 --> (012) (within terminal)
Asteromyms punctu 1 --> (012) (within terminal)
node_131 1 --> 2 Hydrochoerus hyd
Perimys intermed 1 --> (012) (within terminal)
node_139 2 ==> 1 Cuniculus paca-t
Eoincamys paScua 2 --> (012) (within terminal)
Incams bolivian 2 --> (012) (within terminal)
Miroscleromys p 2 --> (012) (within terminal)
Scleromyms quadra 2 --> (012) (within terminal)
Scleromyms angust 2 --> (012) (within terminal)
Potamarchus muri 2 --> (012) (within terminal)
node_147 2 ==> 1 Lagostomus maxim
Scleromyms osBorn 2 --> (012) (within terminal)
Garridomyms curru 2 --> (012) (within terminal)
Eoviscaccia fras 2 --> (012) (within terminal)
Eoviscaccia aust 2 --> (012) (within terminal)
Scleromyms praecu 2 --> (012) (within terminal)
Chambiramys ship 2 --> (012) (within terminal)
Eoincamys parvus 2 --> (012) (within terminal)
Chambiramys sylv 2 --> (012) (within terminal)
Pge
Hsearch Consensus.out
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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Platypittamys br 0 --> (012) (within terminal)
2 Desseadomys aramb 0 --> (012) (within terminal)
2 Sciamys principa 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
2 Prospaniomys pri 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Pithanotomys col 0 --> (012) (within terminal)
2 Abrocoma bennett 0 --> (012) (within terminal)
2 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmons 0 --> (012) (within terminal)
2 Caviocricetus lu 0 --> (012) (within terminal)
2 Plesiaca rechi 0 --> (012) (within terminal)
2 Sallamys 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)

Pge p
Hsearch_Consensus.out

2 Asteromys punctu 1 --> (012) (within terminal)
1 node_131 1 --> 0 Dolichotis patagon 1
1 node_131 1 --> 2 Hydrochoerus hydro 1
1 node_132 1 --> 0 Galea spixii 2
2 Perimys intermed 1 --> (012) (within terminal)
2 Eoincamys pascua 0 --> (012) (within terminal)
2 node_154 0 --> 2 node_142 2
2 Microscleromys p 2 --> (012) (within terminal)
2 Scleromys quadra 0 --> (012) (within terminal)
2 Scleromys angust 0 --> (012) (within terminal)
2 node_148 0 ==> 2 node_145 2
2 Potamarchus mur i 2 --> (012) (within terminal)
2 Garridomys curnu 2 --> (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 Chambiramys ship 0 --> (012) (within terminal)
2 Eoincamys parvus 0 --> (012) (within terminal)
2 Chambiramys 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)
2 Leucokephalos ze 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Sciamys principa 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Maruchito trilof 0 --> (012) (within terminal)
2 node_173 0 ==> 2 node_172 2
2 Neophanomys bipl 0 --> (012) (within terminal)
2 Pithanotomys col 0 --> (012) (within terminal)
2 Adelphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamy s emmonsa 0 --> (012) (within terminal)
2 Caviocrucetus lu 0 --> (012) (within terminal)
2 Plesiacarechimys 0 --> (012) (within terminal)
2  Mayomys  confluen 0  ---  (012)  (within
2  Eosallamys  paula 0  ---  (012)  (within
2  Shapajamys  laboc 0  ---  (012)  (within
2  Eobranisamys  rom 0  ---  (012)  (within
2  Eobranisamys  jav 0  ---  (012)  (within
2  Pozomys  ucallalie 0  ---  (012)  (within
2  Tarapotomys  mayo 0  ---  (012)  (within
2  Tarapotomys  suba 0  ---  (012)  (within
2  Cachiyacuy  kumme 0  ---  (012)  (within
2  Metaphiomys  scha 2  ---  (012)  (within
2  Acritophiomys  bo 2  ---  (012)  (within
2  Baluchimys  barry 2  ---  (012)  (within
2  Archetypomys  erl 0  ---  (012)  (within
2  Tribosphenomys  m 0  ---  (012)  (within
2  Birbalomys  sonda 0  ---  (012)  (within
1  node_217 0  ---  1  node_216
2  Tamquammys  dîspi 1  ---  (012)  (within
2  Chapattimys  wils 1  ---  (012)  (within
2  Ottomaniaproavi 1  ---  (012)  (within
2  Bugtimys  zafarul 1  ---  (012)  (within
2  Hodshahibiazrae 1  ---  (012)  (within
2  'Waslamys' attia 1  ---  (012)  (within
2  Phiomys  hammudai 1  ---  (012)  (within
2  Cachiyacuy  conta 1  ---  (012)  (within
2  Eoespina  woodi-E 1  ---  (012)  (within
2  Canaanimys  maqui 1  ---  (012)  (within
2  Protosteiromys  m 1  ---  (012)  (within
1  node_126 1  ---  0  node_124
2  Eosteiromys  Ūomo 0  ---  (012)  (within
2  Branisamypsis a 0  ---  (012)  (within
2  Steiromys  detent 1  ---  (012)  (within
2  Palaeosteiromys  1  ---  (012)  (within
1  node_141 1  ---  0  node_140
1  node_138 0  ---  1  node_137
2  Australoproctaf 1  ---  (012)  (within
2  Luantuspropheti 1  ---  (012)  (within

462 (*Posterior ex) 0.154
Hsearch_Consensus.out

2 Asteromys punctu 1 --> (012) (within terminal)
1 node_131 1 ==> 2 Hydrochoerus hyd
1 node_132 1 ==> 2 Cavia aperea
2 Perimys intermed 1 --> (012) (within terminal)
2 Neoreomys austral 1 --> (012) (within terminal)
2 Eoincamys pascua 1 --> (012) (within terminal)
1 node_154 1 --> 0 node_142
2 Microscelromys p 0 --> (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_147 1 ==> 2 Neoepiblema ambr
2 Scleromys osborn 1 --> (012) (within terminal)
2 Garridomys curru 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 Chambiramys ship 1 --> (012) (within terminal)
2 Eoincamys parvus 1 --> (012) (within terminal)
2 Chambiramys sylv 1 --> (012) (within terminal)
2 Eoincamys valver 1 --> (012) (within terminal)
2 Eoincamys ameghi 1 --> (012) (within terminal)
2 Draconomys verai 1 --> (012) (within terminal)
2 Leucokephalos ze 1 --> (012) (within terminal)
1 node_192 1 --> 0 node_167
2 Platypittamys br 0 --> (012) (within terminal)
2 Deseadomys aramb 0 --> (012) (within terminal)
2 Sciams principa 0 --> (012) (within terminal)
2 Galileomys euryg 0 --> (012) (within terminal)
2 Willidewu estepa 0 --> (012) (within terminal)
1 node_168 1 ==> 2 Myocastor coypus
2 Maruchito trifol 1 --> (012) (within terminal)
1 node_171 1 ==> 2 Thrichomys apere
2 Mesocapromys?Mys 1 --> (012) (within terminal)
2 Xenodontomys sim 1 --> (012) (within terminal)
2 Neophanomys bipl 1 --> (012) (within terminal)
1 node_179 1 ==> 0 Octodon degus
2 Abrocoma bennett 1 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out
1 Phiomys hammudai 1 --> (01) (within terminal)
1 Cachiycuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaani my s maqui 1 --> (01) (within terminal)
1 Protosteir omys m 1 --> (01) (within terminal)
1 Branisamys bopsis a 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Palaeosteir omys 1 --> (01) (within terminal)
1 Aust raloproct a f1 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Aster omy s punctu 1 --> (01) (within terminal)
1 Peri my s inter med 1 --> (01) (within terminal)
1 Branisamys lur ib 1 --> (01) (within terminal)
1 Eoinca my s pascua 1 --> (01) (within terminal)
1 Mic ro scler omys p 1 --> (01) (within terminal)
1 Scler omy s quadra 1 --> (01) (within terminal)
1 Scler omy s angust 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Garr idomys curr nu 1 --> (01) (within terminal)
1 Eovisci cia fras 1 --> (01) (within terminal)
1 Eovisci cia aust 1 --> (01) (within terminal)
1 Scler omy s praecu 1 --> (01) (within terminal)
1 Chambiramys ship 1 --> (01) (within terminal)
1 Eoinca my s parvus 1 --> (01) (within terminal)
1 Chambiramys sylv 1 --> (01) (within terminal)
1 Eoinca my s valver 1 --> (01) (within terminal)
1 Eoinca my s ameghi 1 --> (01) (within terminal)
1 Draconomy s verai 1 --> (01) (within terminal)
1 Leucoc kep halos ze 1 --> (01) (within terminal)
1 Deseadomy s aramb 1 --> (01) (within terminal)
1 Sciamys prin ci pa 1 --> (01) (within terminal)
1 Galileomy s euryg 1 --> (01) (within terminal)
1 Maruchito tril of 1 --> (01) (within terminal)
1 Protadel phomy s 1 --> (01) (within terminal)
1 Xenodontomy s sim 1 --> (01) (within terminal)
1 Neophanomy s bipl 1 --> (01) (within terminal)
1 Pit hantomys col 1 --> (01) (within terminal)
1 Adelphomy s candi 1 --> (01) (within terminal)
1 Prostichomy s bow 1 --> (01) (within terminal)
1 Stichomy s regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamy s emmons a 1 --> (01) (within terminal)
1 Cav iocricetus lu 1 --> (01) (within terminal)
1 Plesi acare chi mys 1 --> (01) (within terminal)
1 Mayomy s cont fluen 1 --> (01) (within terminal)
1 Eosallamy s paula 1 --> (01) (within terminal)
1 Shapajamy s laboc 1 --> (01) (within terminal)
1 Eobrani samys rom 1 --> (01) (within terminal)
1 Eobrani samys jav 1 --> (01) (within terminal)
1 Pozo my s u cayal i e 1 --> (01) (within terminal)
1 Tarapatomy s mayo 1 --> (01) (within terminal)
1 Tarapatomy s suba 1 --> (01) (within terminal)
1 Cachiycuy kumme 1 --> (01) (within terminal)
1 Metaphiomy s cha 1 --> (01) (within terminal)
1 Baluchi my s barry 1 --> (01) (within terminal)
1 Archetypomy s eri 0 --> (01) (within terminal)
1 Tribosphenomy s m 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbal omy s sonda 0 --> (01) (within terminal)
1 Taquamo my s disp i 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugti my s zafar 0 --> (01) (within terminal)
1 Hodsh bia azrae 0 --> (01) (within terminal)
1 'Wasl alamy s' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiycuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)

467 (Maxillary on) 0.400

Pge p
<table>
<thead>
<tr>
<th>Species</th>
<th>Node Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canaanimys maqui</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Protosteiromyx m</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eosteiromys homo</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Braniساميینس a</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Steiromys detent</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Hypsosteiriromys a</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Pālæosteiriromys</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Australoprocta f</td>
<td>node_137 (within terminal)</td>
</tr>
<tr>
<td>node_137</td>
<td>node_136 (within terminal)</td>
</tr>
<tr>
<td>Luantus propheti</td>
<td>node_137 (within terminal)</td>
</tr>
<tr>
<td>Asteromyx punctu</td>
<td>node_137 (within terminal)</td>
</tr>
<tr>
<td>node_131</td>
<td>node_139 (within terminal)</td>
</tr>
<tr>
<td>Cavia aperea</td>
<td>Hydrochoerus hyd</td>
</tr>
<tr>
<td>Perimys intermed</td>
<td>node_139 (within terminal)</td>
</tr>
<tr>
<td>Braniساميینس b</td>
<td>node_139 (within terminal)</td>
</tr>
<tr>
<td>node_139</td>
<td>Dasyprocta</td>
</tr>
<tr>
<td>Eoincamys paścu</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Microscleromys p</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Scleromys quadra</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Scleromys angust</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Drytomomys aequa</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Potamarchus murray</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Neoepebilem ambr</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Scleromys osborn</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Garridomys currn</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eoviscaccia fras</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eoviscaccia aust</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Scleromys praecc</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Chambiramysh ship</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eoincamys par ver</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Chambiramysh sylv</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eoincamys valver</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
<td>Eoincamys ameghi</td>
<td>node_140 (within terminal)</td>
</tr>
<tr>
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468 (Contact betwe) 0.500
Hsearch_Consensus.out

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1 Chapatti mmys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
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1 Cachiyacy cont 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaan mmys maqui 0 --> (01) (within terminal)
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1 Steiromys detent 0 --> (01) (within terminal)
1 Hyposteirromys a 0 --> (01) (within terminal)
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1 Scler omy s angust 0 --> (01) (within terminal)
1 Drytomomy s aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 node_148 0 --> 1 node_147
1 Neoepibel e aämr 1 --> (01) (within terminal)
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1 Gar ri domys curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scler omy s prae cu 0 --> (01) (within terminal)
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1 Eoincmy s parvus 0 --> (01) (within terminal)
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1 Eoincmy s ameghi 0 --> (01) (within terminal)
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1 Dese adomys ar amb 0 --> (01) (within terminal)
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1 Sciamys princi pa 0 --> (01) (within terminal)
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1 Plesiacarechimys 0 --> (01) (within terminal)
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1 Eosallamys paula 0 --> (01) (within terminal)
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1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
Hsearch_Consensus.out

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1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachi yacuy kumme 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi mys bar ry 0 --> (01) (within terminal)
1 Arch etypomys e r 1 --> (012) (within terminal)
2 Tribosphenomy s m 1 --> (012) (within terminal)
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2 Reithroparamys d 1 --> (012) (within terminal)
2 Birbal omy s s onda 1 --> (012) (within terminal)
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2 Chapattimys wils 1 --> (012) (within terminal)
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2 Bugtimys zafarul 1 --> (012) (within terminal)
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2 Phiomys hammudai 1 --> (012) (within terminal)
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2 Eoespina wo odi -E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
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2 Eosteiromys homo 2 --> (012) (within terminal)
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2 Neosteiromys pat 2 --> (012) (within terminal)
2 Steiromys detent 2 --> (012) (within terminal)
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2 Palaeosteiromys 1 --> (012) (within terminal)
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1node_139 0 --> 1 Cuniculus paca-t
2 Eoincamys pa scua 1 --> (012) (within terminal)
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2 Scl eromys quad ra 1 --> (012) (within terminal)

469 (*Development*) 0.250
Hsearch_Consensus.out
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2 Drytomomys aequa 1 -> (012) (within terminal)
2 Potamarchus muri 1 -> (012) (within terminal)
2 Neoepiblema ambr 1 -> (012) (within terminal)
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1 node_147 1 ==> 0 Lagostomus maxim
2 Scleromys osborn 1 -> (012) (within terminal)
2 Garridomys 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 Chambiramys ship 1 -> (012) (within terminal)
2 Eoincamys parvus 1 -> (012) (within terminal)
2 Chambiramys 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)
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2 Deseadomys aramb 2 -> (012) (within terminal)
2 Acaremys murinus 2 -> (012) (within terminal)
2 Sciamys principa 2 -> (012) (within terminal)
2 Galileomys euryg 2 -> (012) (within terminal)
2 Willidewu estepa 2 -> (012) (within terminal)
2 Maruchito trilo 2 -> (012) (within terminal)
2 Protadelphomys l 2 -> (012) (within terminal)
2 Xenodontomys sim 2 -> (012) (within terminal)
2 Neophanomys bipl 2 -> (012) (within terminal)
2 Pithanotomys col 2 -> (012) (within terminal)
1 node_183 2 -> 1 Abrocoma bennett
2 Adelphomys cándi 2 -> (012) (within terminal)
2 Prostichomys bow 2 -> (012) (within terminal)
2 Stichomys regula 2 -> (012) (within terminal)
2 Dudumus ruigomez 2 -> (012) (within terminal)
2 Pampamys emmonsa 2 -> (012) (within terminal)
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471 (Postorbital p) 0.077
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<td>Neophanomys bipl</td>
<td>1</td>
<td>(01)</td>
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<tr>
<td>1</td>
<td>node_180</td>
<td>1</td>
<td>0 node_179</td>
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<tr>
<td>1</td>
<td>Pithanotomys col</td>
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<tr>
<td>1</td>
<td>Adelphomys candi</td>
<td>1</td>
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<tr>
<td>1</td>
<td>Prostichomys bow</td>
<td>1</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Stichomys regula</td>
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<td>(01)</td>
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<tr>
<td>1</td>
<td>Dduimus ruigomez</td>
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<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Pampamys emmonsia</td>
<td>1</td>
<td>(01)</td>
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<tr>
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<td>Cavilocricetus lu</td>
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<td>Plesiacarechimys</td>
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<tr>
<td>1</td>
<td>Sallamyss pascual</td>
<td>1</td>
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<tr>
<td>1</td>
<td>Mayomys confluen</td>
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<td>(01)</td>
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<tr>
<td>1</td>
<td>Eosallamyss pula</td>
<td>1</td>
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<tr>
<td>1</td>
<td>Shapajamyss laboc</td>
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<tr>
<td>1</td>
<td>Eobranisamys rom</td>
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</tr>
<tr>
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<td>Eobranisamys jav</td>
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<td>Pozomys ucatayaliev</td>
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<td>Tarapotomys mayo</td>
<td>1</td>
<td>(01)</td>
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<tr>
<td>1</td>
<td>Tarapotomys suba</td>
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<td>(01)</td>
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<td>1</td>
<td>Cachiayacuy kumme</td>
<td>1</td>
<td>(01)</td>
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<tr>
<td>1</td>
<td>Metaphiomys scha</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Acritophiomys bo</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Baluchimys barry</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Archetonymys erl</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Tribosphenomys m</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Cocomyss ligmaen</td>
<td>0</td>
<td>(01)</td>
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<tr>
<td>1</td>
<td>Reithroparamys d</td>
<td>0</td>
<td>(01)</td>
</tr>
<tr>
<td>1</td>
<td>Birbalomyssonda</td>
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<td>(01)</td>
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<tr>
<td>1</td>
<td>Tamquamys dispi</td>
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475 (Position of t) 0.333
Hsearch Consensus.out

1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmonsa 1 --> (01) (within terminal)
1 Cavio cricetus lulu 1 --> (01) (within terminal)
1 Plesiacarechimys 1 --> (01) (within terminal)
1 Sallamys pascual 1 --> (01) (within terminal)
1 Mayomys confiluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamyss jav 0 --> (01) (within terminal)
1 Pozomys ucaialie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Paraphiromys pigo 0 --> (01) (within terminal)
1 Metaphiromys Scha 0 --> (01) (within terminal)
1 Acritophiromys bo 0 --> (01) (within terminal)
1 Baluchimys barry 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 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamqua mmys dispi 0 --> (01) (within terminal)
1 Chapattimys wil's 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Buitjimys zafarul 0 --> (01) (within terminal)
1 Hodsahibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammu da 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaamys maqui 0 --> (01) (within terminal)
1 Protosteiramys m 0 --> (01) (within terminal)
1 Eosteiramys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Palaesteiramys 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 Periarmys intermed 0 --> (01) (within terminal)
1 Branisamyurus luri 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys boliviana 0 --> (01) (within terminal)
1 Microscleromys p 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Scleromys angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muric 0 --> (01) (within terminal)
1 Neoepiblema amb 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys 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 Platyptattamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Sciarmys principa 0 --> (01) (within terminal)
1 Galileomyss euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)

476 (Inferior juga) 0.333
Hsearch_Consensus.out
1 node_187 0 --> 1 node_186
1 node_186 1 ===> 0 Myocastor coypus
1 Maruchito trilof 1 --> (01) (within terminal)
1 Protadelphomys 1 --> (01) (within terminal)
1 node_182 1 --> 0 node_181
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanotomys col 0 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviorictetus lu 0 --> (01) (within terminal)
1 Plesiacarechimys 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 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayali 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchi myst barry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (012) (within terminal)
2 Tribosphenomys 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 disp 0 --> (012) (within terminal)
2 Chapattimys wils 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiyacuy conta 0 --> (012) (within terminal)
2 Eoespina woodi-E 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 Branisamyopsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
2 Erethizon dorsat 0 --> (012) (within terminal)

477 {"Position of } 0.667
Pge p
Hsearch_Consensus.out

2 Coendou prehensi 0 --- > (012) (within terminal)
2 Steiromys detent 0 --- > (012) (within terminal)
2 Hypsosteoiromys a 0 --- > (012) (within terminal)
2 Chaetomys subspi 0 --- > (012) (within terminal)
2 Palaeosteoiromys 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 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 Brani samys lurib 0 --- > (012) (within terminal)
2 Dasyprocta 0 --- > (012) (within terminal)
2 Cuniculus paca-t 0 --- > (012) (within terminal)
2 Eoincamys pascua 0 --- > (012) (within terminal)
2 Incamys bolivian 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 branicki 0 --- > (012) (within terminal)
2 Neoeptidea 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 Garridomys 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)

Pge p
2 Sallamys 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 terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Thryonomys swind 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchimys barr 0 --> (012) (within terminal)
478 (Depth of the ) 0.250

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomyx ligchaen 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamqua amys dispi 0 --> (01) (within terminal)
1 Chapatti myx wils 0 --> (01) (within terminal)
1 Ottomani a proav 0 --> (01) (within terminal)
1 Bugti myx zafarul 0 --> (01) (within terminal)
1 Hodsa hibia azrae 0 --> (01) (within terminal)
1 Wasl yms’ attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoespl na woodi- E 0 --> (01) (within terminal)
1 Canaan myx maqui 0 --> (01) (within terminal)
1 Protos teiromys m 0 --> (01) (within terminal)
1 Eoste iromys hom 0 --> (01) (within terminal)
1 Branisamyp sisa a 0 --> (01) (within terminal)
1 Stei rromys detent 0 --> (01) (within terminal)
1 Palaeoste iromys 0 --> (01) (within terminal)
1 Australoproct a f 0 --> (01) (within terminal)
1 Luantus proph eti 0 --> (01) (within terminal)
1 Aster omyx punctu 0 --> (01) (within terminal)
1 Perim yx intermed 0 --> (01) (within terminal)
1 Neore omyx aust 0 --> (01) (within terminal)
1 Branisamys lurib 0 --> (01) (within terminal)
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microscler ommys p 0 --> (01) (within terminal)
1 Scleromyx quadra 0 --> (01) (within terminal)
1 Scleromyx angust 0 --> (01) (within terminal)
1 Drytomo myx aequa 0 --> (01) (within terminal)
1 Potamarchus mur i 0 --> (01) (within terminal)
1 Neoepl blema ambr 0 --> (01) (within terminal)
1 Scleromyx osborn 0 --> (01) (within terminal)
1 Garridomyx curnu 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromyx praecu 0 --> (01) (within terminal)
Hsearch_Consensus.out

1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys versi 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypittamus br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Scalamys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Williandrew estega 0 --> (01) (within terminal)
1 node_187 0 --> 1 node_186
1 Maruchito trilof 1 --> (01) (within terminal)
1 node_175 1 --> 0 node_174
1 Protadelphomys l 0 --> (01) (within terminal)
1 Xenodontomys sim 1 --> (01) (within terminal)
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pitphanomys col 1 --> (01) (within terminal)
1 node_180 1 --> 0 Spalacopus cyanus
1 Adelphomys candi 1 --> (01) (within terminal)
1 Protichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Cavicocterus lu 0 --> (01) (within terminal)
1 Plesiacaarechimys 0 --> (01) (within terminal)
1 Callamys pascal 0 --> (01) (within terminal)
1 Mayomys confiter 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jau 0 --> (01) (within terminal)
1 Pozomys ucayal 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 node_209 0 --> 1 node_208
1 Paraphiomys pigo 1 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Baluchimys barry 0 --> (01) (within terminal)
1 Archethypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocoyomys liga 0 --> (01) (within terminal)
1 Reithoparamys termin 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquammys disp 0 --> (01) (within terminal)
1 Chapatti my 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtimys zafarul 0 --> (01) (within terminal)
1 Hodshahibia azr 0 --> (01) (within terminal)
1 'Waslami' attia 0 --> (01) (within terminal)
1 Phiomys hammu 0 --> (01) (within terminal)
1 Cachi yacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanimys maqui 0 --> (01) (within terminal)
1 Protosteirromys m 0 --> (01) (within terminal)
1 Eosteirromys homo 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Neosteirromys pat 0 --> (01) (within terminal)
1 Erethizon dorsat 0 --> (01) (within terminal)
1 Coendou prehensi 0 --> (01) (within terminal)
1 Steiromys detent 0 --> (01) (within terminal)
1 Hypsosteirromys a 0 --> (01) (within terminal)
1 Palaeoosteirromys 0 --> (01) (within terminal)
1 Australoproctta 0 --> (01) (within terminal)
1 Luantus propheti 0 --> (01) (within terminal)

479 (Length of the) 0.333
Asteromys punctu 0 -->(01) (within terminal)
Dolichotis patag 0 -->(01) (within terminal)
Hydrochoerus hyd 0 -->(01) (within terminal)
Cavia aper ea 0 -->(01) (within terminal)
Gal ea spix i 0 -->(01) (within terminal)
Per imys intermed 0 -->(01) (within terminal)
Neoreomys aust ra 0 -->(01) (within terminal)
Branis amys luri b 0 -->(01) (within terminal)
Dasyp rocta 0 -->(01) (within terminal)
Cuniculus paca-t 0 -->(01) (within terminal)
Eoincamys pas cu a 0 -->(01) (within terminal)
In camys bol iv ian 0 -->(01) (within terminal)
Microscleromys p 0 -->(01) (within terminal)
Scler omys quad ra 0 -->(01) (within terminal)
Scler omys angus t 0 -->(01) (within terminal)
Dry tomo mys ae qua 0 -->(01) (within terminal)
Pot amarchus muri 0 -->(01) (within terminal)
Din omys branicki 0 -->(01) (within terminal)
Neoepiblema ambr 0 -->(01) (within terminal)
Chinchilla lan ig 0 -->(01) (within terminal)
Lagidi um viscaci 0 -->(01) (within terminal)
Lagostomus maxim 0 -->(01) (within terminal)
Scler omys osborn 0 -->(01) (within terminal)
Gar r idomys cur nu 0 -->(01) (within terminal)
Eovi scaccia fras 0 -->(01) (within terminal)
Eovi scaccia aust 0 -->(01) (within terminal)
Scler omys praecu 0 -->(01) (within terminal)
Chambiramys ship 0 -->(01) (within terminal)
Eoin camys parvus 0 -->(01) (within terminal)
Chambiramys sylv 0 -->(01) (within terminal)
Eoin camys val ver 0 -->(01) (within terminal)
Eoin camys ameghi 0 -->(01) (within terminal)
Draconomys verai 0 -->(01) (within terminal)
Leucokephalos ze 0 -->(01) (within terminal)
Platypittamys br 0 -->(01) (within terminal)
Deseadomys aramb 0 -->(01) (within terminal)
Acaremys murinus 0 -->(01) (within terminal)
Sci amys principa 0 -->(01) (within terminal)
Gali leomys euryg 0 -->(01) (within terminal)
Willid ewu estepa 0 -->(01) (within terminal)
Prospaniomys pri 0 -->(01) (within terminal)
Spaniomys ripari 0 -->(01) (within terminal)
Maruchito trilof 0 -->(01) (within terminal)
Protadelphomys l 0 -->(01) (within terminal)
Xenodontomys sim 1 -->(01) (within terminal)
Neophanomys bipl 1 -->(01) (within terminal)
Pithanotomys col 1 -->(01) (within terminal)
node_180 1 -->(01) (within terminal)
Adelphomys candi 0 -->(01) (within terminal)
Prost ichomys bow 0 -->(01) (within terminal)
Stichomys regula 0 -->(01) (within terminal)
Dudumus ruigor 0 -->(01) (within terminal)
Pampamy s emmnsa 0 -->(01) (within terminal)
Caviocr icetus lu 0 -->(01) (within terminal)
Plesi acarechimys 0 -->(01) (within terminal)
Sallamys pascual 0 -->(01) (within terminal)
Mayomys confluen 0 -->(01) (within terminal)
Eosallamy s paula 0 -->(01) (within terminal)
Shapajamy s laboc 0 -->(01) (within terminal)
Eobranisamys rom 0 -->(01) (within terminal)
Eobranisamys jayv 0 -->(01) (within terminal)
Pozomys ucayalie 0 -->(01) (within terminal)
Tarapotomys mayo 0 -->(01) (within terminal)
Tarapotomys suba 0 -->(01) (within terminal)
Cachiyacuy kumme 0 -->(01) (within terminal)
node_209 0 -->(01) (within terminal)
Paraphiomys pi 0 -->(01) (within terminal)

Pge p
Hsearch_Consensus.out

2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pampamys emmonsa 0 --> (012) (within terminal)
2 Cavio cricetus lu 0 --> (012) (within terminal)
2 Plesi acarechi mys 0 --> (012) (within terminal)
2 Sallamys pascual 0 --> (012) (within terminal)
2 Mayomys conflu en 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 uca yalie 0 --> (012) (within terminal)
2 Tarapotomys mayo 0 --> (012) (within terminal)
2 Tarapotomys suba 0 --> (012) (within terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchi mys barry 0 --> (012) (within terminal)

482 (Association b) 0.500

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomy s l igchaen 0 --> (01) (within terminal)
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birbalomy s sonda 0 --> (01) (within terminal)
1 Tamqua mys dispi 0 --> (01) (within terminal)
1 Chapatti mys wil s 0 --> (01) (within terminal)
1 Ottomani a proavi 0 --> (01) (within terminal)
1 Bugt i mys zafar ul 0 --> (01) (within terminal)
1 Hodsa hibia azrae 0 --> (01) (within terminal)
1 'Was lamys' attia 0 --> (01) (within terminal)
1 Phiomys hammadai 0 --> (01) (within terminal)
1 Cachiyacuy cont a 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaan imys maqui 0 --> (01) (within terminal)
1 node_198 0 --> 1 node_141
1 Protoste iromys m 1 --> (01) (within terminal)
1 Eo steiromys homo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neo steiromys pat 1 --> (01) (within terminal)
1 E r e th i zon d orsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Stei romys detent 1 --> (01) (within terminal)
1 Hypsoste iromys a 1 --> (01) (within terminal)
1 Chaetomys subspi 1 --> (01) (within terminal)
1 Palaeoste iromys 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)

Pge p
Hsearch_Consensus.out

1 Dolichotis patag 1 --> (01) (within terminal)
1 Perimys intermedi 1 --> (01) (within terminal)
1 Neoreomy austr 1 --> (01) (within terminal)
1 Brani samys lurib 1 --> (01) (within terminal)
1 node 139 1 --> 0 Dasyprocta
1 Eoincamys pascua 0 --> (01) (within terminal)
1 Incamys bolivian 0 --> (01) (within terminal)
1 Microscle romy p 0 --> (01) (within terminal)
1 Sclero mys quadra 0 --> (01) (within terminal)
1 Sclero mys angust 0 --> (01) (within terminal)
1 Drytomomys aequa 0 --> (01) (within terminal)
1 Potamarchus muri 0 --> (01) (within terminal)
1 Dinomys bra nicki 0 --> (01) (within terminal)
1 Neoepli emo amb 0 --> (01) (within terminal)
1 Lagostomus maxim 0 --> (01) (within terminal)
1 Sclero mys osborn 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscaccia fra 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Sclero mys praece 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys versai 0 --> (01) (within terminal)
1 Leucokcephalos ze 0 --> (01) (within terminal)
1 Platypit tamys br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciamys principa 0 --> (01) (within terminal)
1 Galileomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomy s pri 0 --> (01) (within terminal)
1 Myocastor coypus 0 --> (01) (within terminal)
1 Maruchito trifol 0 --> (01) (within terminal)
1 Mesocapromys Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 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 node 183 0 --> 1 Abrocoma bennett
1 Adelphomys candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regin 0 --> (01) (within terminal)
1 Dudumus rui gomez 0 --> (01) (within terminal)
1 Pampamys emmonsa 0 --> (01) (within terminal)
1 Caviodricetus lu 0 --> (01) (within terminal)
1 Plesiaacarechi mys 0 --> (01) (within terminal)
1 Sallamy s pascau 0 --> (01) (within terminal)
1 Mayomys confluen 0 --> (01) (within terminal)
1 Eosallamy s paula 0 --> (01) (within terminal)
1 Shapajamy s laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamy s jav 0 --> (01) (within terminal)
1 Pozomys uca yali e 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thyromomys swind 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acri tophiomys bo 0 --> (01) (within terminal)
1 Baluchimys bar ry 0 --> (01) (within terminal)
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 Cocomy s ligchaen 0 --> (01) (within terminal)

483 (Position of t) 0.600
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Hsearch Consensus.out

1 Ddu'mus ruigomez 0 -> (01) (within terminal)
1 Pam pamins emmons a 0 -> (01) (within terminal)
1 Cav iocr icetus lu 0 -> (01) (within terminal)
1 Plesi acarech miys 0 -> (01) (within terminal)
1 Sall amys pascua l 0 -> (01) (within terminal)
1 Mayomys conf lu en 0 -> (01) (within terminal)
1 Eosull amys paula 0 -> (01) (within terminal)
1 Shapaj amys lab oc 0 -> (01) (within terminal)
1 Eobrani samys om 0 -> (01) (within terminal)
1 Eobrani samys javo 0 -> (01) (within terminal)
1 Pozomy s ucal ay 0 -> (01) (within terminal)
1 Tarapot omys may o 0 -> (01) (within terminal)
1 Tarapot omys suba 0 -> (01) (within terminal)
1 Cachi yacuy kumme 0 -> (01) (within terminal)
1 node 209 0 -> 1 node 208
1 Paraphiomys pigo 1 -> (01) (within terminal)
1 Metaphiomys scha 0 -> (01) (within terminal)
1 Acritophiomys bo 0 -> (01) (within terminal)
1 Archety pomys 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 Birlbalomys sonda 0 -> (01) (within terminal)
1 Tamqua mmys dispi 0 -> (01) (within terminal)
1 Chappatti my wils 0 -> (01) (within terminal)
1 Ottomani a proavi 0 -> (01) (within terminal)
1 Burt myms zafaru l 0 -> (01) (within terminal)
1 Hodshibli a azrae 0 -> (01) (within terminal)
1 Wasl amys attermi nals 0 -> (01) (within terminal)
1 Phiomys hammudai 0 -> (01) (within terminal)
1 Cachi yacuy conta 0 -> (01) (within terminal)
1 Eoespina woodi-E 0 -> (01) (within terminal)
1 Canaan i my maqui 0 -> (01) (within terminal)
1 Protoste iromys m 0 -> (01) (within terminal)
1 Eosteiromys homo 0 -> (01) (within terminal)
1 Branisamys opsis a 0 -> (01) (within terminal)
1 Neoste iromys pat 0 -> (01) (within terminal)
1 Steiromys detent 0 -> (01) (within terminal)
1 Hypsoste iromys a 0 -> (01) (within terminal)
1 Palaeoste iromys 0 -> (01) (within terminal)
1 Aust rasoproct a f 0 -> (01) (within terminal)
1 Luant us propheti 0 -> (01) (within terminal)
1 Steromy s punctu 0 -> (01) (within terminal)
1 node 133 0 --> 1 node 132
1 Peri myswi nterm ed 0 -> (01) (within terminal)
1 Neoreomys austr a 0 -> (01) (within terminal)
1 Branisamys lurib 0 -> (01) (within terminal)
1 Eoincamys pascua 0 -> (01) (within terminal)
1 Incamys bolivi an 0 -> (01) (within terminal)
1 Microsc leromys p 0 -> (01) (within terminal)
1 Scler omys quadra 0 -> (01) (within terminal)
1 Sclero mys angust 0 -> (01) (within terminal)
1 Drytomo mys aequa 0 -> (01) (within terminal)
1 Potamarchus muri 0 -> (01) (within terminal)
1 Neoepible ma amb r 0 -> (01) (within terminal)
1 Sclero mys osborn 0 -> (01) (within terminal)
1 Garri domys curnu 0 -> (01) (within terminal)
1 Eovisci accia fras 0 -> (01) (within terminal)
1 Eovisci accia aust 0 -> (01) (within terminal)
1 Scler omys prae cu 0 -> (01) (within terminal)
1 Chambiram ymshipi 0 -> (01) (within terminal)
1 Eoincamys parvus 0 -> (01) (within terminal)
1 Chambiramys sylv 0 -> (01) (within terminal)
1 Eoincamys valver 0 -> (01) (within terminal)
1 Eoincamys ameghi 0 -> (01) (within terminal)
1 Draconomys vera 0 -> (01) (within terminal)
1 Leucokcephalos ze 0 -> (01) (within terminal)

484 (Exposure of t) 1.000
Hsearch Consensus.out
1 Platypittamus br 0 --> (01) (within terminal)
1 Deseadomys aramb 0 --> (01) (within terminal)
1 Acaremys murinus 0 --> (01) (within terminal)
1 Sciameys principal 0 --> (01) (within terminal)
1 Gallileomys euryg 0 --> (01) (within terminal)
1 Willidewu estepa 0 --> (01) (within terminal)
1 Prospaniomys pri 0 --> (01) (within terminal)
1 Maruchiito tirolfo 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys col 0 --> (01) (within terminal)
1 Octodon degus 0 --> (01) (within terminal)
1 Spalacopus cyanu 0 --> (01) (within terminal)
1 Adelphomyss candi 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamys emmons 0 --> (01) (within terminal)
1 Cavioctricetus lu 0 --> (01) (within terminal)
1 Plesiaacarethymys 0 --> (01) (within terminal)
1 Sallamyss pascau 0 --> (01) (within terminal)
1 Mayomyss confluen 0 --> (01) (within terminal)
1 Eosallamyss paula 0 --> (01) (within terminal)
1 Shapajamyss laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucayal 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiayacuy kumme 0 --> (01) (within terminal)
1 Paraphiomys pigo 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchiymys barry 0 --> (01) (within terminal)
485 (*Position of *) 0.231
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3 Tribosphenomys m 2 --> (0123) (within terminal)
3 Cocomys ligchaen 2 --> (0123) (within terminal)
3 Reithroparamys d 2 --> (0123) (within terminal)
3 Birbalomys sonda 2 --> (0123) (within terminal)
3 Tamquammys dispi 2 --> (0123) (within terminal)
3 Chapattiymys wils 2 --> (0123) (within terminal)
3 Ottomaniaproavi 2 --> (0123) (within terminal)
3 Bugtimys zafarul 2 --> (0123) (within terminal)
3 Hodsahibia azrae 2 --> (0123) (within terminal)
3 'Waslamys' attia 2 --> (0123) (within terminal)
3 Phiomys hammudai 2 --> (0123) (within terminal)
3 Cachiayacuy conta 2 --> (0123) (within terminal)
3 Eoespina woodi-E 2 --> (0123) (within terminal)
3 Canaanmys maqui 2 --> (0123) (within terminal)
1 node_141 2 --> 3 node_130
3 Protosteiromys m 3 --> (0123) (within terminal)
3 Eosteiromys homo 3 --> (0123) (within terminal)

Hsearch_Consensus.out

3 Branisamyops a 3 --> (0123) (within terminal)
3 Neosteiromys pat 3 --> (0123) (within terminal)
1 node_125 3 --> 2 Coendou prehens
3 Hyposteiromys a 3 --> (0123) (within terminal)
3 Chaetomys subsp 3 --> (0123) (within terminal)
3 Palaeosteiromys 2 --> (0123) (within terminal)
2 node_140 2 --> 0 node_138
5 Australoprocta f 0 --> (0123) (within terminal)
3 Luantus propheti 0 --> (0123) (within terminal)
3 Asteromys punct 0 --> (0123) (within terminal)
3 Dolichotis patag 0 --> (0123) (within terminal)
3 Hydrochoerus hyd 0 --> (0123) (within terminal)
3 Galea spixii 0 --> (0123) (within terminal)
3 Perimys intermed 0 --> (0123) (within terminal)
3 Neoreomys austra 0 --> (0123) (within terminal)
3 Branisamy lurib 0 --> (0123) (within terminal)
1 node_139 2 --> 3 Dasyprocta
1 node_195 2 --> 3 node_161
3 Eoincamys pascua 3 --> (0123) (within terminal)
3 Incamys bolivian 3 --> (0123) (within terminal)
3 Microscleromys p 3 --> (0123) (within terminal)
3 Scleromys quadra 3 --> (0123) (within terminal)
3 Scleromys angust 3 --> (0123) (within terminal)
3 Drytomomys aequa 3 --> (0123) (within terminal)
3 Potamarchus muri 3 --> (0123) (within terminal)
3 Neoepiblema ambr 3 --> (0123) (within terminal)
1 node_147 3 --> 2 node_146
3 Scleromys osborn 3 --> (0123) (within terminal)
3 Garridomys curnu 3 --> (0123) (within terminal)
3 Eoviscaccia fras 3 --> (0123) (within terminal)
3 Eoviscaccia aust 3 --> (0123) (within terminal)
3 Scleromys praecu 3 --> (0123) (within terminal)
3 Chambiramys ship 3 --> (0123) (within terminal)
3 Eoincamys parvus 3 --> (0123) (within terminal)
3 Chambiramys sylv 3 --> (0123) (within terminal)
3 Eoincamys valver 3 --> (0123) (within terminal)

Pge p
Hsearch_Consensus.out

3 Tarapotomys suba 2 --> (0123) (within terminal)
3 Cachiyacuy kumme 2 --> (0123) (within terminal)
3 Paraphiomys pigo 2 --> (0123) (within terminal)
3 Metaphiomys scha 2 --> (0123) (within terminal)
3 Acritophiomys bo 2 --> (0123) (within terminal)
3 Baluchimys barry 2 --> (0123) (within terminal)

486 (*Development *) 0.222

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2 Tribosphenomys m 0 --> (012) (within terminal)
2 node_218 0 --> 2 Cocomys ligchaen
2 Reithroparamys d 0 --> (012) (within terminal)
2 Birbalomys sonda 0 --> (012) (within terminal)
2 Tamquammys dispi 0 --> (012) (within terminal)
2 Chapatti mys wil s 0 --> (012) (within terminal)
2 Ottomania proavi 0 --> (012) (within terminal)
2 Bugtimys zafarul 0 --> (012) (within terminal)
2 Hodsahibia azrae 0 --> (012) (within terminal)
2 'Waslamys' attia 0 --> (012) (within terminal)
2 Phiomys hammudai 0 --> (012) (within terminal)
2 Cachiyacuy conta 0 --> (012) (within terminal)
2 Eoespina woodi-E 0 --> (012) (within terminal)
2 Canaanimys maqui 0 --> (012) (within terminal)
2 Protosteiromys m 0 --> (012) (within terminal)
2 Eosteiromys homo 0 --> (012) (within terminal)
2 Branisamypsis a 0 --> (012) (within terminal)
2 Neosteiromys pat 0 --> (012) (within terminal)
1 node_125 0 ==> 1 Coendou prehensi
2 Steiromys detent 0 --> (012) (within terminal)
2 Hypsosteiromys a 0 --> (012) (within terminal)
2 Chaetomys subspi 0 --> (012) (within terminal)
2 Palaeosteiromys 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 Perimys intermed 0 --> (012) (within terminal)

Pge p
Hsearch_Consensus.out

2 Pithanotomys col 1 --> (012) (within terminal)
2 Octodon degus 1 --> (012) (within terminal)
2 Spalacopus cyanu 1 --> (012) (within terminal)
2 Adolphomys candi 0 --> (012) (within terminal)
2 Prostichomys bow 0 --> (012) (within terminal)
2 Stichomys regula 0 --> (012) (within terminal)
2 Dudumus ruigomez 0 --> (012) (within terminal)
2 Pamayum emmons 0 --> (012) (within terminal)
2 Caviocrictus lu 0 --> (012) (within terminal)
2 Plesiacerchimys 0 --> (012) (within terminal)
2 Sallamyas pascual 0 --> (012) (within terminal)
2 Mayomys confluen 0 --> (012) (within terminal)
2 Eosallamyas paula 0 --> (012) (within terminal)
2 Shapajamyas laboc 0 --> (012) (within terminal)
2 Eobranisamys rom 0 --> (012) (within terminal)
2 Eobranisamys jav 0 --> (012) (within terminal)
2 Pozomys ucaialie 0 --> (012) (within terminal)
2 Tarapotomyms mayo 0 --> (012) (within terminal)
2 Tarapotomyms suba 0 --> (012) (within terminal)
2 Cachiyacuy kumme 0 --> (012) (within terminal)
2 Paraphiomys pigo 0 --> (012) (within terminal)
2 Metaphiomys scha 0 --> (012) (within terminal)
2 Acritophiomys bo 0 --> (012) (within terminal)
2 Baluchiomyms barry 0 --> (012) (within terminal)

487 (Position of t) 0.500

1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosphenomys mo 0 --> (01) (within terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys da 0 --> (01) (within terminal)
1 Birbalonomyms sonda 0 --> (01) (within terminal)
1 Tamqua amyms dispi 0 --> (01) (within terminal)
1 Chapattimys wil 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtiamys zafarul 0 --> (01) (within terminal)
1 Hodasahibia azrae 0 --> (01) (within terminal)
1 Waslamyas attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiyacuy conta 0 --> (01) (within terminal)
1 Eoesiena woodi-E 0 --> (01) (within terminal)
1 Canaanimmyma maqui 0 --> (01) (within terminal)
1 node_141 0 --> 1 node_130
1 Protosteiromys mo 1 --> (01) (within terminal)
1 Eosteiromys homo 1 --> (01) (within terminal)
1 Branisamypsis a 1 --> (01) (within terminal)
Hsearch_Consensus.out
1 Neophanomys bipl 1 --> (01) (within terminal)
1 Pithanomys col 1 --> (01) (within terminal)
1 Adelphomys candi 1 --> (01) (within terminal)
1 Prostichomys bow 1 --> (01) (within terminal)
1 Stichomys regula 1 --> (01) (within terminal)
1 Dudumus ruigomez 1 --> (01) (within terminal)
1 Pampamys emmons 1 --> (01) (within terminal)
1 Caivocrictetus lu 1 --> (01) (within terminal)
1 Plesiacerchiomys 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 uca 1 --> (01) (within terminal)
1 Tarapotomys mayo 1 --> (01) (within terminal)
1 Terapotomys suba 1 --> (01) (within terminal)
1 Cachiycuy kumme 1 --> (01) (within terminal)
1 Paraphiomys pig 1 --> (01) (within terminal)
1 Metaphiomys scha 1 --> (01) (within terminal)
1 Acrithophiomys bo 1 --> (01) (within terminal)
1 Baluchimys barry 1 --> (01) (within terminal)
1 Arachtopomys erl 0 --> (01) (within terminal)
1 Tribosphenomys m 0 --> (01) (within terminal)
1 node_218 0 --> 1 Cocomys ligchaen
1 Reithroparamys d 0 --> (01) (within terminal)
1 Birsalloys sonda 0 --> (01) (within terminal)
1 Tamqammys dispi 0 --> (01) (within terminal)
1 Chapatti mys w 1 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Buitimy zafarul 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 'Waslamys' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiycuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Cananaimys maqui 0 --> (01) (within terminal)
1 Protosteirymys m 0 --> (01) (within terminal)
1 Eosteirymys homo 0 --> (01) (within terminal)
1 Branisamymopsis a 0 --> (01) (within terminal)
1 Neosteirymys pat 0 --> (01) (within terminal)
1 Steirymys detent 0 --> (01) (within terminal)
1 Hyposteirymys a 0 --> (01) (within terminal)
1 Paleosteirymys 0 --> (01) (within terminal)
1 node_141 0 --> 1 node_140
1 Australoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamys lurib 1 --> (01) (within terminal)
1 node_139 1 --> 0 Dasyprocta
1 Eoincamys pas cu 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 Neoepiblema ambr 0 --> (01) (within terminal)
1 Garridomys curru 0 --> (01) (within terminal)
1 Eoviscaccia fras 0 --> (01) (within terminal)
1 Eoviscaccia aust 0 --> (01) (within terminal)
1 Scleromys prae cu 0 --> (01) (within terminal)
1 Chambiramys ship 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)

490 (Development o) 0.250
Hsearch_Consensus.out

1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 0 --> (01) (within terminal)
1 Leucokcephalos 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 Sciamys prinsipa 0 --> (01) (within terminal)
1 Galileoymys 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 Maruchito trilof 0 --> (01) (within terminal)
1 Thricomyxys aper 0 --> (01) (within terminal)
1 Protadelphomys l 0 --> (01) (within terminal)
1 Euryzygomatomyx 0 --> (01) (within terminal)
1 Mesocapromys/Mys 0 --> (01) (within terminal)
1 Xenodontomys sim 0 --> (01) (within terminal)
1 Neophanomys bipl 0 --> (01) (within terminal)
1 Pithanomys col 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 ruigomez 0 --> (01) (within terminal)
1 Pamamys emmonsa 0 --> (01) (within terminal)
1 Cavircicetus lu 0 --> (01) (within terminal)
1 Plesi acarechimys 0 --> (01) (within terminal)
1 Sallamys pascau 0 --> (01) (within terminal)
1 Mayomys confuen 0 --> (01) (within terminal)
1 Eosallamys paula 0 --> (01) (within terminal)
1 Shapajamys laboc 0 --> (01) (within terminal)
1 Eobranisamyx rom 0 --> (01) (within terminal)
1 Eobranisamyx jav 0 --> (01) (within terminal)
1 Pozomys cayalie 0 --> (01) (within terminal)
1 Tarapotomys mayo 0 --> (01) (within terminal)
1 Tarapotomys suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Thryonomys swind 0 --> (01) (within terminal)
1 Metaphiomys scha 0 --> (01) (within terminal)
1 Acritophiomys bo 0 --> (01) (within terminal)
1 Baluchimys bary 0 --> (01) (within terminal)
1 Archetypomys erl 1 --> (012) (within terminal)
2 Tribosphenomys m 1 --> (012) (within terminal)
2 Birbalomys sonda 1 --> (012) (within terminal)
2 Tamquammys dispi 1 --> (012) (within terminal)
2 Chapattiomys wils 1 --> (012) (within terminal)
2 Ottomania proavi 1 --> (012) (within terminal)
2 Bugtimys zafarul 1 --> (012) (within terminal)
2 Hodsahibia azrae 1 --> (012) (within terminal)
2 'Waslamys' attia 1 --> (012) (within terminal)
2 Phiomys hammudai 1 --> (012) (within terminal)
2 Cachiyacuy conta 1 --> (012) (within terminal)
2 Eoespina woodi-E 1 --> (012) (within terminal)
2 Canaanimys maqui 1 --> (012) (within terminal)
2 Protosteiromys m 1 --> (012) (within terminal)

491 (*Apex of the ) 0.500

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Hsearch_Consensus.out

2 Caviocricetus lu 1 --> (012) (within terminal)
2 Plesiacarechimys 1 --> (012) (within terminal)
2 Mayomys confluen 1 --> (012) (within terminal)
2 Eosallamys paula 1 --> (012) (within terminal)
2 Shapajamyss laboc 1 --> (012) (within terminal)
2 Eobranisamys rom 1 --> (012) (within terminal)
2 Eobranisamys 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 Cachiyacuy kumme 1 --> (012) (within terminal)
1 node_208 1 ==> 2 Thryonomys swind
2 Metaphiomys scha 1 --> (012) (within terminal)
2 Acritophiomys bo 1 --> (012) (within terminal)
2 Baluchiymys barry 1 --> (012) (within terminal)

492 (Anterior marg) 0.400
1 node_218 1 ==> 2 Cocomys ligchaen
1 Erethizon dorsat 1 --> (01) (within terminal)
1 node_137 1 ==> 0 node_136
1 node_131 0 --> 1 Hydröchoerus hyd
1 node_139 1 ==> 0 Cuniculus paca-t
1 node_198 1 --> 0 node_197
1 Incamys bolivian 0 --> (01) (within terminal)
1 node_147 0 ==> 1 node_146
1 node_179 0 ==> 1 Pithanotomys col
1 node_208 1 ==> 0 Thryonomys swind

493 (Lateral devel) 0.500
1 Archetypomys erl 0 --> (01) (within terminal)
1 Tribosophenomys m 0 --> (01) (within terminal)
1 Birbalomys sonda 0 --> (01) (within terminal)
1 Tamquaomyss dispi 0 --> (01) (within terminal)
1 Chapattimys wils 0 --> (01) (within terminal)
1 Ottomania proavi 0 --> (01) (within terminal)
1 Bugtymys zarfarul 0 --> (01) (within terminal)
1 Hodsbahibia azrae 0 --> (01) (within terminal)
1 'Waslams' attia 0 --> (01) (within terminal)
1 Phiomys hammudai 0 --> (01) (within terminal)
1 Cachiymacuy conta 0 --> (01) (within terminal)
1 Eoespina woodi-E 0 --> (01) (within terminal)
1 Canaanymi maqui 0 --> (01) (within terminal)
1 Protosteiromys m 0 --> (01) (within terminal)
1 Branisamyopsis a 0 --> (01) (within terminal)
1 Hypsosteioromys a 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 Perimys intermed 0 --> (01) (within terminal)
1 Eosallamys 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 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys curnu 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 Adelphomyss candid 0 --> (01) (within terminal)
1 Prostichomys bow 0 --> (01) (within terminal)
1 Stichomys regula 0 --> (01) (within terminal)
1 Dudumus ruigomez 0 --> (01) (within terminal)
1 Pampamyss emmons 0 --> (01) (within terminal)
1 Caviocrictus lu 0 --> (01) (within terminal)
1 Plesiacarechmys 0 --> (01) (within terminal)
1 Sallamyss pascu 0 --> (01) (within terminal)
1 Mayomyss conflu 0 --> (01) (within terminal)
1 Eosallamyss paul 0 --> (01) (within terminal)
1 Shapajamyss laboc 0 --> (01) (within terminal)
1 Eobranisamyss rom 0 --> (01) (within terminal)
1 Eobranisamyss jav 0 --> (01) (within terminal)
1 Pozomyss uca yali 0 --> (01) (within terminal)
1 Tarapotomyss mayo 0 --> (01) (within terminal)
1 Tarapotomyss suba 0 --> (01) (within terminal)
1 Cachiacyum kumme 0 --> (01) (within terminal)
1 Paraphiomyss pigo 0 --> (01) (within terminal)
1 Metaphiomyss scha 0 --> (01) (within terminal)
1 Acrithophiomyss bo 0 --> (01) (within terminal)
1 Baluchimys b arry 0 --> (01) (within terminal)
1 Tribosphenomyss er 0 --> (01) (within terminal)
1 Cocomys liga en 0 --> (01) (within terminal)
1 Relthoparamyss d 0 --> (01) (within terminal)
1 Birbalomyss sonda 0 --> (01) (within terminal)
1 Tamqua myss dispi 0 --> (01) (within terminal)
1 Chapatti myss wil s 0 --> (01) (within terminal)
1 Ottomani a proav i 0 --> (01) (within terminal)
1 Bugtiumys zafar u 0 --> (01) (within terminal)
1 Hodshahibia azrae 0 --> (01) (within terminal)
1 'Waslamyss attia 1 --> (01) (within terminal)
1 Philomyss hammudai 1 --> (01) (within terminal)
1 Cachiacyum cont a 1 --> (01) (within terminal)
1 Eoespina woodi -E 1 --> (01) (within terminal)
1 Canaan myss maqui 1 --> (01) (within terminal)
1 Protosteiromyss m 1 --> (01) (within terminal)
1 Eostei romyss hom o 1 --> (01) (within terminal)
1 Branisamyssop sis a 1 --> (01) (within terminal)
1 Neostei romyss pat 1 --> (01) (within terminal)
1 Er ethi zon dorsat 1 --> (01) (within terminal)
1 Coendou prehensi 1 --> (01) (within terminal)
1 Steiromys detent 1 --> (01) (within terminal)
1 Hypsosteiromyss a 1 --> (01) (within terminal)
1 Chaetomyss subsp i 1 --> (01) (within terminal)
1 Palaeosteiromyss 1 --> (01) (within terminal)
1 Australoproct a f 1 --> (01) (within terminal)
1 Luantus proph eti 1 --> (01) (within terminal)
1 Asteromyss punct u 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 Perimyss intermed 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamyss lurib 1 --> (01) (within terminal)
1 Dasyprocta 1 --> (01) (within terminal)
1 Eoincmyss pascua 1 --> (01) (within terminal)
1 Incamyss bolivi an 1 --> (01) (within terminal)
1 Microscle romyss p 1 --> (01) (within terminal)
1 Scleromyss quad r a 1 --> (01) (within terminal)
1 Scleromyss angust 1 --> (01) (within terminal)
1 Dry tomomyss aequa 1 --> (01) (within terminal)
1 Potamarchus muri 1 --> (01) (within terminal)
1 Dinomys branicki 1 --> (01) (within terminal)
Hsearch_Consensus.out

1 Mayomys confluen 1 --> (01) (within terminal)
1 Eosallamys paula 1 --> (01) (within terminal)
1 Shapatamiys laboc 0 --> (01) (within terminal)
1 Eobranisamys rom 0 --> (01) (within terminal)
1 Eobranisamys jav 0 --> (01) (within terminal)
1 Pozomys ucaial 0 --> (01) (within terminal)
1 Tarapotosm y mayo 0 --> (01) (within terminal)
1 Tarapotosm y suba 0 --> (01) (within terminal)
1 Cachiyacuy kumme 0 --> (01) (within terminal)
1 Parmiliomys pigo 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 Tribosphenomys m 1 --> (01) (within terminal)
1 Reithroparamys d 1 --> (01) (within terminal)
1 Birbalomys sonda 1 --> (01) (within terminal)
1 Tamaqammys dispi 1 --> (01) (within terminal)
1 Chapattimys wil's 1 --> (01) (within terminal)
1 Ottomania proavi 1 --> (01) (within terminal)
1 Bugtymiys zafarul 1 --> (01) (within terminal)
1 Hodsahibia azae 1 --> (01) (within terminal)
1 'Waslamys' attia 1 --> (01) (within terminal)
1 Phiomys hammu dai 1 --> (01) (within terminal)
1 Cachiyacuy conta 1 --> (01) (within terminal)
1 Eoespina woodi-E 1 --> (01) (within terminal)
1 Canaanimys maqui 1 --> (01) (within terminal)
1 Protosteiromys m 1 --> (01) (within terminal)
1 Eosteiromys ho mo 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 Neosteiromys pat 1 --> (01) (within terminal)
1 node_125 1 --> 0 Coendou prehensi
1 Steiromys deFent 1 --> (01) (within terminal)
1 Hyposteiromys a 1 --> (01) (within terminal)
1 Palaeosteiromys 1 --> (01) (within terminal)
1 Austrealoprocta f 1 --> (01) (within terminal)
1 Luantus propheti 1 --> (01) (within terminal)
1 Asteromys punctu 1 --> (01) (within terminal)
1 node_133 1 --> 0 node_132
1 Perimys intermed 1 --> (01) (within terminal)
1 Neoreomys austra 1 --> (01) (within terminal)
1 Branisamyopsis a 1 --> (01) (within terminal)
1 node_139 1 --> 0 Cuniculus pac-t
1 node_195 1 --> 0 node_161
1 Eoincamys pauncia 0 --> (01) (within terminal)
1 Incamys bolivian 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 Pataarchus muri 0 --> (01) (within terminal)
1 Dinomys branicki 0 --> (01) (within terminal)
1 Neoepliema amb 0 --> (01) (within terminal)
1 Scleromys osborn 0 --> (01) (within terminal)
1 Garridomys 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 Chambiramys shi 0 --> (01) (within terminal)
1 Eoincamys parvus 0 --> (01) (within terminal)
1 Chambiramys sylv 0 --> (01) (within terminal)
1 Eoincamys valver 0 --> (01) (within terminal)
1 Eoincamys ameghi 0 --> (01) (within terminal)
1 Draconomys verai 1 --> (01) (within terminal)
1 Leucoscephalos 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)

498 (Contact between) 0.167
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<th>Code</th>
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<td>Eobranisamy s jav</td>
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<td>T. n. 208</td>
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<td>Metaphiomys scha</td>
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<td>Baluchimys barry</td>
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509 {Epitympanic s} 0.333

Pge p
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S10 (Thickness of ) 0.250

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513 (Development o) 0.333
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Hsearch Consensus.out

node_219 --> Archetypomys erl 24 (Length of th) 1 0.500 1 ==>
27 (Anterocingul) 1 0.444 1 --> 0
28 (Posterior ar) 1 0.500 1 --> 0
33 (Labial prot) 1 0.333 1 --> 0
64 (Metacone on) 1 0.222 1 --> 0
125 (Para style) 1 0.642 1 --> 0
127 (Anterostyle) 1 0.333 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
187 (Hypocone on) 1 1.000 1 --> 0
203 (*Position o) 1 0.385 1 --> 0
204 (Anterior ar) 1 0.714 1 --> 0
352 (*Trigonid h) 1 0.667 1 --> 0
355 (*Distance b) 2 0.800 0 --> 2
361 (Thickness o) 1 0.600 0 --> 1
391 (Ectolophid) 1 0.833 1 --> 0
395 (Position of) 1 0.421 0 --> 1

node_219 --> Tribosphenomys m 22 (*Size of P4) 1 0.154 1 --> 2
26 (Anterocingul) 1 0.667 0 ==>
29 (Protoconule) 1 0.667 0 ==>
33 (Labial prot) 1 0.333 1 --> 0
36 (Lingual prot) 1 0.250 0 ==>
41 (Metaconule o) 1 0.500 0 ==>
68 (Metaoph on) 1 0.462 0 ==>
105 (Hypocone on) 1 1.000 1 --> 0
115 (Metaoph on) 1 0.667 1 --> 0
125 (Para style) 1 0.842 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 (*Position o) 1 0.385 1 ==>
256 (*Development) 1 0.308 1 --> 2
260 (Anterior ar) 1 0.455 0 --> 1
352 (*Trigonid h) 1 0.667 1 --> 0
354 (*Length of) 1 0.360 0 --> 1
355 (*Distance b) 2 0.800 0 --> 2
362 (Lingual con) 1 1.000 0 --> 1
396 (Anterior ar) 1 0.640 1 --> 0
441 (*Development) 1 0.238 1 --> 2
443 (*Development) 2 0.333 0 --> 2

node_218 --> Cocomys ligchaen 27 (Anterocingul) 1 0.444 0 --> 1
42 (*Development) 1 0.667 1 ==>
64 (Metacone on) 1 0.222 0 --> 1
75 (Length of th) 1 0.600 0 --> 1
78 (Anterocingul) 1 0.250 0 ==>
82 (Posterior ar) 1 0.333 0 ==>
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 0.390 1 ==>
254 (*Talonid of) 1 0.375 2 ==>
256 (*Development) 1 0.308 1 ==>
262 (Labial conn) 1 0.588 0 --> 1
357 (Position of) 1 0.231 1 --> 0
460 (Margins of) 1 0.250 0 --> 2
469 (*Development) 1 0.250 1 --> 2
486 (*Development) 2 0.222 0 --> 2
490 (Development) 1 0.250 0 --> 1
492 (Anterior ma) 1 0.400 1 --> 2
495 (Masticory 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 ==>
30 (Outgrowth of) 1 0.333 0 --> 1
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node_118 --&gt; Reithroparamys d

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node_118 --&gt; Birbalomys sonda

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Hsearch_Consensus.out

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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 (Mesaonule 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
221 (Direct meta)      1  1.000  0 --> 1
227 (Lingual con)      1  0.773  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
399 (Height of t)      1  1.000  0 --> 1
439 (Notch for t)      1  0.360  4 --> 1
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441 (*Development)      1  0.238  0 --> 0
442 (*Anterior o)      2  0.214  2 --> 0
443 (*Development)      1  0.333  0 --> 1
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451 (*Posterior)      1  0.154  0 --> 1
465 (Posterior s)      1  0.667  0 --> 1
466 (Development)      1  1.000  0 --> 1
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472 (Postorbital)      1  0.077  0 --> 1

node_216 --> Tamquammys dispi
30 (Outgrowth of)      1  0.333  1 --> 0
41 (Metaconule o)      1  0.500  0 --> 1
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
216 (*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
26 (Anterocingul)      1  0.667  0 --> 1
125 (Parastyle o)      1  0.842  1 --> 0
126 (Height the)      1  1.000  0 --> 1
130 (Anterocingul)      1  0.700  0 --> 1
131 (Anterocingul)      1  0.500  0 --> 1
147 (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
325 (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_216 --> node_215

node_215 --> Chapattimys wils
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</tr>
<tr>
<td>255</td>
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<tr>
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<td>(Anterior ou)</td>
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<td>(Trigonid wi)</td>
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<td>(Double ling)</td>
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<td>(Protoconid)</td>
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<td>1</td>
<td>0</td>
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<td>338</td>
<td>(Alignment o)</td>
<td>0.308</td>
<td>0</td>
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<td>395</td>
<td>(Position of)</td>
<td>0.421</td>
<td>1</td>
<td>0</td>
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**node_213 --> node_212**

1. (Third crest) | 1.000 | 1 ==>> 0
2. (Mesolophule) | 0.556 | 0 ==>> 1
3. (Mesolophule) | 0.643 | 0 ==>> 1
4. (Lingual conn) | 0.615 | 1 ==>> 2
5. (Direct metal) | 1.000 | 0 ==>> 1
6. (Development) | 0.500 | 0 ==>> 1
7. (*Size of M1)  | 0.125 | 1 ==>> 0
8. (M1 length/w)  | 0.071 | 0 ==>> 1
9. (Anterior ar)  | 1.000 | 0 ==>> 1
10. (*Protocone)  | 0.500 | 1 ==>> 2
11. (Mure on M1-)  | 0.667 | 0 ==>> 1
12. (Mure-protol) | 0.500 | 0 ==>> 1
13. (Hypolophid)  | 0.800 | 0 ==>> 1
14. (Development) | 0.500 | 1 ==>> 0
15. (Orientation) | 1.000 | 0 ==>> 1
16. (Development) | 0.667 | 0 ==>> 1

**node_212 --> node_120**

1. (*Size of P4)  | 0.154 | 1 ==>> 2
2. (Mesostyle on) | 0.500 | 0 ==>> 1
3. (*Development) | 0.638 | 1 ==>> 0
4. (Anterior is)  | 0.714 | 0 ==>> 1
5. (*Anterior is) | 1.000 | 0 ==>> 1
6. (*Posterior i) | 0.375 | 0 ==>> 1
7. (Anterior arm) | 0.375 | 0 ==>> 1
8. (Posterior ar) | 0.400 | 0 ==>> 1
9. (Length of t)  | 1.000 | 0 ==>> 1
10. (*Metacone-p) | 0.375 | 0 ==>> 1
11. (Lingual con) | 0.800 | 0 ==>> 1
12. (M2 length/w) | 0.154 | 0 ==>> 1
13. (Length of t) | 1.000 | 0 ==>> 1
14. (*Height of t)| 0.667 | 2 ==>> 1
15. (Anterior is) | 0.778 | 0 ==>> 1
16. (Posterior i) | 0.640 | 0 ==>> 1
17. (Anterior ar) | 0.520 | 0 ==>> 1
18. (Posterior a) | 0.391 | 0 ==>> 1
19. (*Length of t)| 0.625 | 0 ==>> 1
20. (Posterior i) | 0.462 | 0 ==>> 1
Hsearch_Consensus.out

267 (Buccal meta)      1  0.667  0 --> 1
314 (Anterior is)      1  0.500  0 --> 1
345 (Development)      1  0.800  0 --> 1
354 (Height of th)     1  0.500  0 --> 1
69 (Lingual conn)      1  0.615  0 --> 2
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 --> 1
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
393 (DP4 length/)      1  0.333  1 --> 2
73 (*Protocone)         1  0.500  2 --> 1
135 (Anterior ci)      1  0.500  1 --> 0
355 (Anterior ci)      1  0.667  1 --> 1
325 (Protoconid)       1  0.400  1 --> 0
383 (Anterior is)      1  0.714  1 --> 2
node_119 --> Hodsaibia azrae 73 (*Anterior is)      1  0.500  2 --> 1
55 (Lingual con)       1  1.000  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 (Meta loph)        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 (Anterior ci)      1  0.667  1 --> 0
376 (Lingual con)      1  0.636  2 --> 0
441 (*Development)      1  0.238  1 --> 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
node_120 --> node_119 287 (Labial conn)      1  0.833  2 --> 0
307 (Anterior ci)      1  0.500  0 --> 1
308 (*Position o)      1  0.273  1 --> 2
310 (Meta loph)        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 (Anterior ci)      1  0.667  1 --> 0
376 (Lingual con)      1  0.636  2 --> 0
441 (*Development)      1  0.238  1 --> 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 --> 2
130 (Anterocingul)     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
Pge p
Hsearch_Consensus.out

node_211 --> node_210

node_210 --> node_209

node_209 --> node_207

node_207 --> Phiomys hammudai

node_207 --> node_206
Hsearch Consensus.out

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 0 --> 1
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 0 --> 1
296 (*Distance b) 2 0.167 0 --> 1
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
56 (Mesoloph on) 1 0.750 0 ==> 1
109 ( Pronounced ) 1 0.333 0 --> 1
122 ( M1 length/w) 1 0.071 0 --> 1
214 (Posteroloph) 1 0.846 0 --> 1
217 (Lingual con) 1 0.773 3 --> 2
270 (Lingual con) 1 0.773 3 --> 2
272 (Neomesoloph) 1 0.632 0 --> 1
179 (*Length of) 1 0.680 0 --> 1
252 (*Length of) 1 0.167 1 --> 1
253 (Width of p4) 1 0.111 1 --> 0
437 (*Location of) 1 0.143 0 --> 1
443 (*Development) 1 0.333 1 --> 0
52 (Mesolophule) 1 0.643 1 --> 0
56 (Mesoloph on) 1 0.750 0 --> 1
109 ( Pronounced ) 1 0.333 0 --> 1
214 (Posteroloph) 1 0.846 0 --> 1
217 (Lingual con) 1 0.696 2 --> 1
270 (Lingual con) 1 0.773 3 --> 2
272 (Neomesoloph) 1 0.632 0 --> 1
179 (*Length of) 1 0.680 0 --> 1
252 (*Length of) 1 0.167 1 --> 1
253 (Width of p4) 1 0.111 1 --> 0
437 (*Location of) 1 0.143 0 --> 1
35 (Orientation) 1 0.450 0 --> 1
47 (*Posterior i) 1 0.600 2 --> 1
56 (Mesoloph on) 1 0.750 0 --> 1
109 ( Pronounced ) 1 0.333 0 --> 1
214 (Posteroloph) 1 0.846 0 --> 1
217 (Lingual con) 1 0.696 2 --> 1
270 (Lingual con) 1 0.773 3 --> 2
334 (Lingual con) 1 0.632 0 --> 1
443 (*Development) 1 0.333 1 --> 0
52 (Mesolophule) 1 0.643 1 --> 0
56 (Mesoloph on) 1 0.750 0 --> 1
109 ( Pronounced ) 1 0.333 0 --> 1
179 (*Length of) 1 0.680 0 --> 1
196 ( Pronounced ) 1 0.742 0 --> 1
197 ( Pronounced ) 1 0.435 0 --> 1

node_206 --> node_205

node_205 --> node_122

node_122 --> node_121

node_121 --> Cachiyacuy conta

node_121 --> Eoespina woodi-E

node_122 --> Canaanimys maqui

node_205 --> node_204

node_204 --> node_201

node_201 --> node_198

Pge p
Hsearch_Consensus.out

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
182 (*Length of) 1 0.625 1 ==> 0
210 (Mesostyle a) 1 0.100 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 (*Location o) 1 0.261 1 ==> 2
441 (*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_126 --> node_125

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 1 --> 0
328 (*)Orientatio) 1 0.375 2 --> 1

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 1 --> 0
328 (*)Orientatio) 1 0.375 2 --> 1

node_125 --> Coendou prehensi

node_127 --> Steiromys detent

node_130 --> node_129
### Hsearch_Consensus.out

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<th>Value</th>
<th>Node1</th>
<th>Node2</th>
</tr>
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<td>Sphenopalat</td>
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#### node_129 --> Hypsosteiromys a

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#### node_129 --> Chaetomys subsp

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<td>Degree of hy</td>
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<td>--&gt; 2</td>
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#### node_141 --> Palaeosteiromys

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#### node_141 --> node_140

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<td>47</td>
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# Hsearch_Consensus.out

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Hsearch_Consensus.out

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) 2 0.286 0 --> 2
234 (*Transversa) 1 0.200 0 ==> 1
235 (Formation o) 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
276 (Posteroloph) 1 0.706 0 --> 1
278 (Position of) 1 0.421 0 --> 1
283 (*Reduction) 1 0.167 1 --> 2
284 (*Transversa) 1 0.286 0 --> 2
291 (Formation o) 1 0.167 0 --> 1
292 (Posterior a) 1 0.286 0 --> 1
301 (*Shape of t) 1 1.000 0 ==> 1
306 (Formation o) 1 0.400 0 --> 2
312 (Labial conn) 1 0.500 1 ==> 0
334 (Alignment o) 1 0.308 0 --> 1
367 (Anterior is) 1 0.842 1 --> 0
384 (Position of) 1 0.273 1 --> 0
386 (Mesostylid) 1 0.571 1 --> 0
388 (Third crist) 1 0.647 1 --> 0
396 (Anterior ar) 1 0.640 0 --> 1
412 (Strong redu) 1 0.400 0 --> 1
417 (Importance) 1 1.000 1 ==> 0
433 (*Mandible) 1 0.667 1 ==> 2

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
334 (Alignment o) 1 0.308 0 --> 1
367 (Anterior is) 1 0.842 1 --> 0
384 (Position of) 1 0.273 1 --> 0
386 (Mesostylid) 1 0.571 1 --> 0
388 (Third crist) 1 0.647 1 --> 0
396 (Anterior ar) 1 0.640 0 --> 1
412 (Strong redu) 1 0.400 0 --> 1
417 (Importance) 1 1.000 1 ==> 0

node_136 --> node_135

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

node_134 --> node_133

Pge p
Hsearch_Consensus.out

node_133 --> node_131
  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 pr) 1 0.250 1 --> 0

node_131 --> Dolichotis patagonum
  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
  440 (*Location o) 1 0.261 1 --> 2
  448 (*Height of t) 1 0.143 1 --> 0
  452 (*Dorsoscentr) 1 0.222 2 --> 1
  461 (*Length of) 1 0.118 1 --> 0
  463 (Articulation) 1 1.000 0 --> 1
  471 (Postorbital) 1 0.077 0 --> 1
  474 (Frontal pr) 1 0.111 0 --> 1
  489 (Sphenopalatina) 1 0.375 0 --> 1

node_131 --> Hydrochoerus hydalgus
  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 (Laminas on) 1 0.200 0 --> 1
  246 (Laminas 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 0.750 0 --> 1
  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 th) 1 0.143 1 --> 1
  460 (Margins of) 1 0.250 1 --> 0
  461 (*Length of) 1 0.118 1 --> 0
  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
  443 (*Development) 1 0.333 2 --> 1
  484 (Exposure of) 1 1.000 0 --> 1
  498 (Contact bet) 1 0.167 1 --> 0
  509 (Epitympanic) 1 0.333 0 --> 1

node_133 --> node_132
  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
Hsearch_Consensus.out

node_132 --> Galea spixii

13 (*Posterior cement (in y)) 1 0.074 2 ==> 0
19 (*Lower incisor) 1 0.231 1 ==> 0
252 (*Length of M1 length/w) 1 0.714 2 ==> 0
354 (*Length of M2 length/w) 1 0.360 1 ==> 0
437 (*Location of M) 1 0.143 1 ==> 0
443 (*Development of M) 1 0.333 1 ==> 0
455 (*Development of M) 1 0.286 1 ==> 0
461 (*Length of M) 1 0.118 1 ==> 0
489 (Sphenopalatine) 1 0.375 1 ==> 0
513 (*Development of M) 1 0.333 1 ==> 0

node_134 --> Perimys intermed

22 (*Size of P4 M1 length/w) 1 0.154 1 ==> 0
123 (*M2 length/w) 1 1.000 2 ==> 0
237 (*Number of Shape of th) 1 0.750 2 ==> 1
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 0.750 2 ==> 1

node_137 --> Neoreomys australis

57 (Lingual con) 1 0.692 0 ==> 2
68 (*Metaloph on) 1 0.462 0 ==> 1
230 (*Posterior of the) 1 0.500 1 --> 0
410 (*Strong reduc) 1 0.125 1 --> 0
425 (*Fusion of the) 1 0.500 1 ==> 0
439 (*Notch for the) 1 0.360 1 --> 4
474 (*Frontal profile) 1 0.111 0 --> 1

node_138 --> Branisamy lurida

22 (*Size of P4 M1 length/w) 1 0.154 1 ==> 0
69 (Lingual con) 1 0.615 1 --> 1
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 of the) 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 (*Distance between the) 1 0.167 0 --> 2
320 (Neocristid) 1 0.750 0 ==> 1
339 (*Mesoconid) 1 0.625 0 --> 1
354 (*Length of M) 1 0.360 1 --> 1
372 (*Length of the) 1 0.731 1 --> 0
437 (*Location of the) 1 0.143 1 --> 0

node_140 --> node_139

21 (Third upper ar) 1 0.333 0 --> 1
28 (*Posterior ar) 1 0.500 0 --> 0
44 (*Development of the) 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 the) 1 0.500 2 --> 1
111 (Metacone on) 1 0.167 0 --> 1
148 (*Height of the) 1 0.571 2 --> 0
166 (*Development of the) 1 0.545 1 --> 2
191 (*Position of the) 1 0.286 0 --> 1
196 (*Pronounced mesoconid) 1 0.742 1 --> 0
197 (*Pronounced mesoconid) 1 0.435 1 --> 0
217 (Lingual con) 1 0.696 4 --> 0
254 (*Taloned of the) 1 0.375 2 --> 1
291 (Height of the) 1 0.250 1 --> 0
360 (Length of the) 1 0.650 0 --> 1
367 (Anterior is) 1 0.842 1 --> 0
437 (*Location of the) 1 0.143 1 --> 2
455 (*Development of the) 1 0.286 1 --> 2
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Hsearch_Consensus.out

node_197 --> node_196
512 (Accessory f) 1 0.250 1 -- 0
96 (*Posterior i) 1 0.375 0 -> 1
115 (Lingual spur) 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 (Lingual spur) 1 0.647 0 -> 1
212 (Metacone on) 1 0.615 0 -> 1
314 (Anterior is) 1 0.500 0 -> 1
323 (Lingual con) 1 0.800 3 -> 0
328 (*Oriantatio) 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 (*Orientation ) 1 0.500 0 -> 1
5 (*Orientation ) 1 0.571 1 -> 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 con) 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 -> 0
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 (Reduction o) 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 (Height of t) 1 0.250 1 -> 0
328 (*Orientation) 1 0.467 1 -> 0
333 (Mesolophid) 1 0.500 1 -> 0
371 (Posteriar a) 1 0.706 0 -> 1
372 (*Length of ) 1 0.731 1 -> 2
374 (Posteriar 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 o) 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 prot) 1 0.400 0 -> 1
209 (Posteroloph) 1 0.333 0 -> 0
211 (Lingual spur) 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 prot) 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 (*Orientation) 1 0.500 1 -> 2
206 (Posteriar i) 1 0.462 1 -> 0

Pge p
Hsearch_Consensus.out

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  0.167  1 ==> 0
  252 (*Length of)  2  0.667  2 --> 0
  275 (Labial conn)  1  1.000  0 ==> 1
  280 (*Height of)  2  0.667  2 --> 0
  309 (Alignment o)  1  0.375  0 --> 1

node_153 --> node_150
  96 (*Posterior i)  1  0.375  1 --> 0
  121 (*Size of M3)  1  0.130  1 --> 0
  171 (Posterior i)  1  0.640  1 --> 0
  173 (Anterior ar)  1  0.520  1 --> 0
  214 (Posteroaloph)  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 (Metaaloph on)  1  0.615  0 --> 1
  256 (*Development)  1  0.308  2 --> 1
  269 (Posterior a)  1  0.545  0 ==> 1
  272 (Neomesoloph)  1  0.632  1 --> 0
  222 (Lingual con)  1  0.273  0 --> 1
  262 (Labial conn)  1  0.588  1 --> 2

node_149 --> node_143
  267 (Buccal meta)  1  0.667  0 ==> 1
  258 (*Position o)  1  0.375  2 ==> 1

node_143 --> Scleromys quadra
  181 (Lingual con)  1  0.810  4 ==> 0
  174 (Posterior a)  1  0.391  1 --> 0
  185 (Lingual con)  1  0.688  4 ==> 0

node_143 --> Scleromys angust

node_149 --> node_148
  227 (*Reduction)  1  0.143  0 ==> 1

node_149 --> node_145
  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  0.221  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

node_148 --> node_145
  244 (Lamin es on)  1  0.250  0 --> 1
  245 (Lamin es on)  1  0.200  0 --> 1
  246 (Lamin es on)  1  0.500  0 --> 1

Pge p
Hsearch_Consensus.out

256 (*Developmen) 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 (*Developmen) 1 0.333 1 --> 0
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 (Sphenopalat) 1 0.375 1 --> 0
511 (Development) 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 (Metaphy on) 1 0.462 1 --> 0
246 (Lamin on) 1 0.500 1 --> 0
247 (Lamin 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 (Distribution) 1 0.667 1 ==> 0
121 (*Size of M3) 1 0.102 2 --> 0
185 (Lingual con) 1 0.189 0 --> 4

node_144 --> Potamarchus muri
22 (*Size of P4) 1 0.154 1 ==> 0
120 (*Size 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 --> Dinomys branicki
5 (*Orientation ) (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 (*Location 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 (Neomesoloph) 1 0.767 1 ==> 0
437 (*Location o) 1 0.143 1 --> 0
443 (*Developmen) 1 0.333 1 --> 0
444 (*Developmen) 1 0.231 1 --> 2
446 (*Depth of t) 1 0.667 0 --> 1
468 (Contact bet) 1 0.500 0 --> 1
481 (*Developmen) 1 0.400 0 ==> 1
499 (Development) 1 0.111 0 --> 1

node_147 --> Neoepiblema ambr
8 (*Cement (in y) 2 0.074 0 ==> 2
14 (Importance o) 1 0.333 1 ==> 0
19 (*Lower incis) 1 0.231 1 --> 0
35 (Orientation) 1 0.450 1 ==> 2

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
| Node_146  | Chinchilla lanig     | 18 | Enamel of up | 0.286 | 0 --> 1 |
| | | 252 | *Length of | 0.167 | 1 --> 2 |
| | | 256 | *Development | 0.308 | 1 --> 2 |
| | | 257 | *Metaconid-p | 0.333 | 0 --> 1 |
| | | 258 | *Position o | 0.375 | 2 --> 1 |
| | | 454 | *Anterior pr | 0.111 | 0 ==> 1 |
| | | 468 | Contact bet | 0.500 | 1 --> 0 |
| | | 469 | *Development | 0.250 | 1 --> 2 |
| Node_146  | Lagidium viscaci 253 | Width of p4 | 0.111 | 0 --> 1 |
| | | 444 | *Development | 0.231 | 2 --> 1 |
| | | 445 | *Palatal ri | 0.500 | 0 --> 1 |
| Node_147  | Lagostomus maxim 20 | *Incisors pr | 1.251 | 1 ==> 2 |
| | | 122 | (M1 length/w | 0.071 | 1 ==> 0 |
| | | 123 | (M2 length/w | 0.154 | 1 ==> 0 |
| | | 254 | *(Talonid of | 0.375 | 2 --> 1 |
| | | 436 | Mental fora | 0.333 | 0 --> 1 |
| | | 439 | Notch for t | 0.360 | 4 --> 1 |
| | | 444 | *Development | 0.231 | 2 --> 3 |
| | | 445 | *Development | 0.500 | 0 --> 1 |
| | | 452 | *Dorsoventr | 0.222 | 0 --> 1 |
| | | 458 | *Shape of t | 0.143 | 2 --> 1 |
| | | 469 | *Development | 0.250 | 1 --> 0 |
| | | 471 | Postorbital | 0.077 | 0 --> 1 |
| | | 500 | Development | 0.143 | 0 --> 1 |
| | | 504 | Length of t | 0.333 | 0 --> 1 |
| Node_153  | node_152 49 | *Anterior arm | 0.500 | 1 --> 0 |
| | | 57 | *Lingual conn | 0.692 | 0 --> 2 |
| | | 111 | *Metacone on | 0.167 | 0 --> 1 |
| | | 235 | *Formation o | 0.200 | 0 --> 1 |
| | | 262 | *Labial conn | 0.588 | 1 --> 0 |
| | | 354 | *Length of | 0.360 | 2 --> 1 |
| | | 357 | Position of | 0.231 | 1 --> 0 |
| | | 384 | *Length of | 0.700 | 0 --> 1 |
| | | 412 | *Strong redu | 0.250 | 0 --> 1 |
| | | 418 | *Formation o | 0.500 | 0 --> 1 |
| | | 446 | *Orientation | 0.814 | 1 ==> 2 |
| Node_152  | Garridomys curru 146 | *Development | 0.545 | 1 ==> 2 |
| | | 166 | *Reduction | 0.143 | 0 ==> 1 |
| | | 256 | *Development | 0.308 | 2 ==> 1 |
| | | 269 | *Posterior a | 0.545 | 0 --> 1 |
| | | 359 | *Posterior a | 0.500 | 0 --> 1 |
| | | 441 | *Development | 0.238 | 1 ==> 0 |
| Node_152  | node_151 | *Cement (in y | 0.074 | 0 --> 2 |
| | | 14 | *Importance o | 0.333 | 0 --> 2 |
| | | 35 | *Orientation | 0.450 | 1 --> 2 |
| | | 151 | *Lingual pro | 0.400 | 1 --> 0 |
| | | 226 | *Paraflexus | 0.143 | 0 --> 1 |
| | | 229 | *Reduction | 0.167 | 1 --> 2 |
| | | 265 | *Mesostylid | 0.583 | 1 --> 0 |
| | | 267 | *Buccal meta | 0.667 | 0 --> 1 |
| | | 272 | *Neomesoloph | 0.632 | 1 --> 0 |
| | | 360 | *Length of t | 0.650 | 0 --> 1 |
| | | 363 | *Labial conn | 0.667 | 0 --> 1 |
| | | 366 | *Mesostylid | 0.750 | 1 --> 0 |
| | | 383 | *Neomesoloph | 0.767 | 1 --> 0 |
| | | 411 | *Mesoflexid | 0.250 | 0 --> 1 |
| | | 437 | *Location o | 0.143 | 1 --> 2 |
| | | 439 | Notch for t | 0.360 | 4 --> 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  0.811  0 --> 3
227 (*Reduction)  1  0.143  1 --> 0
270 (Lingual con)  1  0.773  0 ==> 3
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  0.811  0 --> 3
227 (*Reduction)  1  0.143  1 --> 0
270 (Lingual con)  1  0.773  0 ==> 3

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 (Lingual con)  1  0.500  0 --> 1
409 (Anteroflexi)  1  0.286  0 --> 1

node_164 --> Acaremmy murinus
9 (*Degree of hy)  1  0.111  1 --> 0
35 (Orientation)  1  0.450  1 ==> 0
109 (Pronounced)  1  0.333  1 --> 0
121 (*Size of M3)  1  0.130  0 --> 2
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 --> Sciamys principa
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 --> Galileomens 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  0.633  2 --> 0
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 (*Orientation)  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
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<tr>
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<td>0.167</td>
<td>1 --&gt; 0</td>
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# Hsearch Consensus.out

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<td>317 (Metaconid c)</td>
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<td>327 (Third crist)</td>
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<td>330 (Length of t)</td>
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<td>451 (*Posterior )</td>
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<td>497 (Fusion of t)</td>
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<td>499 (Development)</td>
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<td>506 (Mastoid pro)</td>
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<td>366 (Mesostylid)</td>
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<td>120 (*Size of M1)</td>
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<td>340 (*Position o)</td>
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<td>367 (Anterior is)</td>
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<td>452 (*Dorsoventr)</td>
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<td>458 (*Shape of t)</td>
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<tr>
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<td>464 (Interorbita)</td>
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<td>488 (Palatine fo)</td>
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<td>494 (Development)</td>
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<td>498 (Contact bet)</td>
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<td>501 (Sagittal cr)</td>
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<td>508 (Development)</td>
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<td>110 (Tendency pr)</td>
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<td>234 (*Transversa)</td>
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<td>308 (*Position o)</td>
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<td>313 (Mesostylid)</td>
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<td>483 (*Position of )</td>
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<td>19 (*Lower incis)</td>
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<td>169 (Pronounced)</td>
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<td>236 (Paraflexus)</td>
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<td>303 (Trigonid wi)</td>
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<td>311 (Lingual con)</td>
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<td>323 (Lingual con)</td>
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<td>454 (Anterior pr)</td>
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<td>1 --&gt; 0</td>
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<td>462 (*Posterior )</td>
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<td>471 (Postorbital)</td>
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<td>0 --&gt; 1</td>
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Hsearch_Consensus.out

458 (*Shape of t) 1 0.143 1 --> 2
460 (Margins of t) 1 0.250 0 ==>> 1
464 (Interorbita) 1 0.333 0 ==>> 1
471 (Postorbital) 1 0.077 0 --> 1
497 (Fusion of t) 1 0.600 0 ==>> 1
499 (Development) 1 0.111 0 ==>> 1
502 (Orientation) 1 0.250 0 ==>> 1
503 (Paroccipita) 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 (Anteroflexid) 1 0.500 0 ==>> 1
351 (Metaflexid) 1 1.000 0 ==>> 1
354 (*Length of t) 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 0.236 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 t) 1 0.154 1 --> 2
473 (Conformation) 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 l) 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 l) 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 t) 1 0.360 2 ==>> 1
457 (*Length of t) 1 0.154 2 --> 1

node_177 --> Ctenomys bolivie

9 (*Degree of hy) 1 0.112 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
Hsearch_Consensus.out

node_179 --> Pithanotomys col

node_179 --> Octodon degus
	node_180 --> Spalacopus cyanu

node_183 --> Abrocoma bennett

node_183 --> node_185

node_186 --> node_185

node_185 --> Adelphomys candi

node_185 --> node_184

node_184 --> Prostichomys bow

node_184 --> Stichomys regula

node_188 --> Dudumus ruigomez

node_189 --> Pampamys emmonsa
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<thead>
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