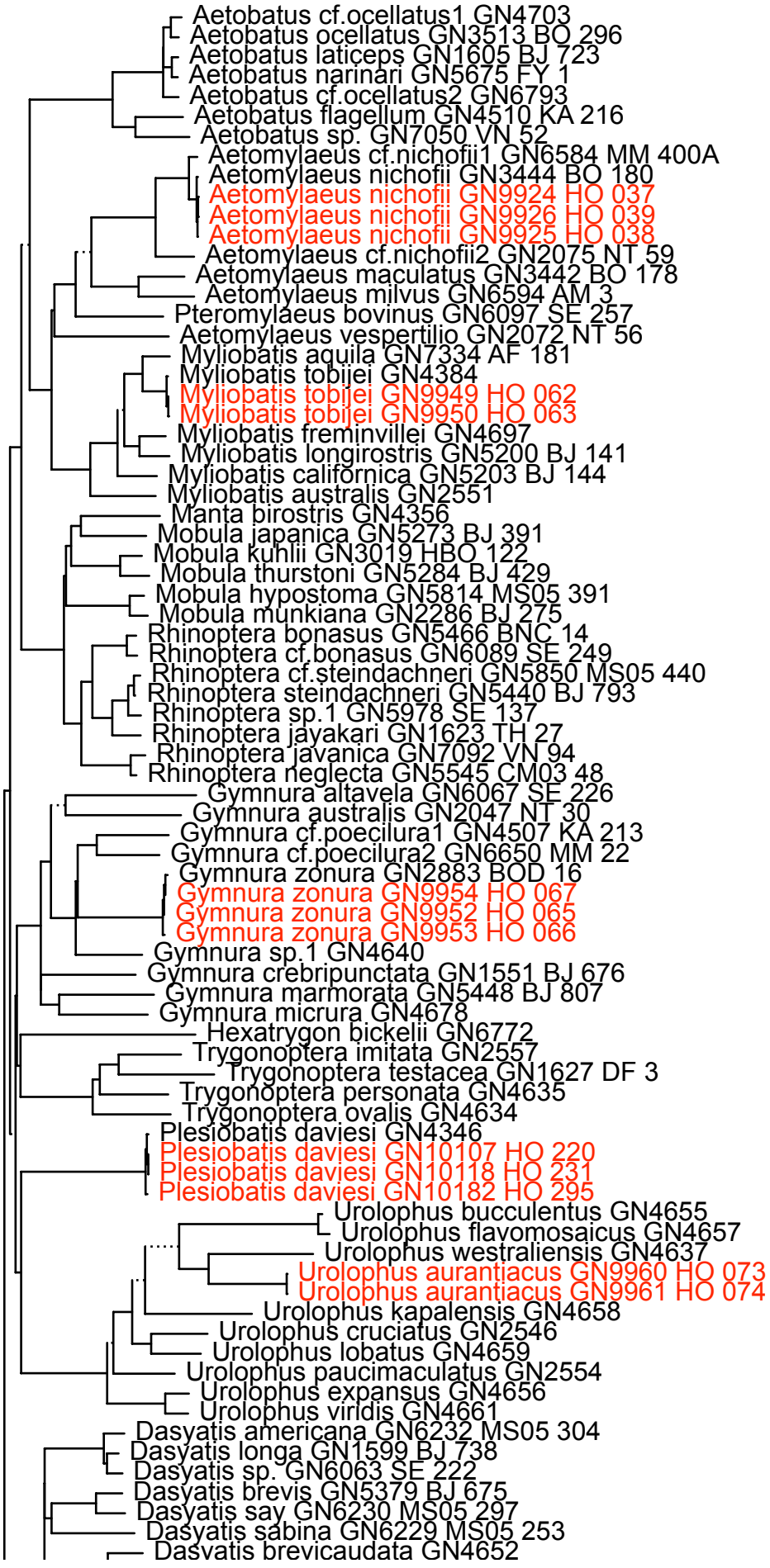
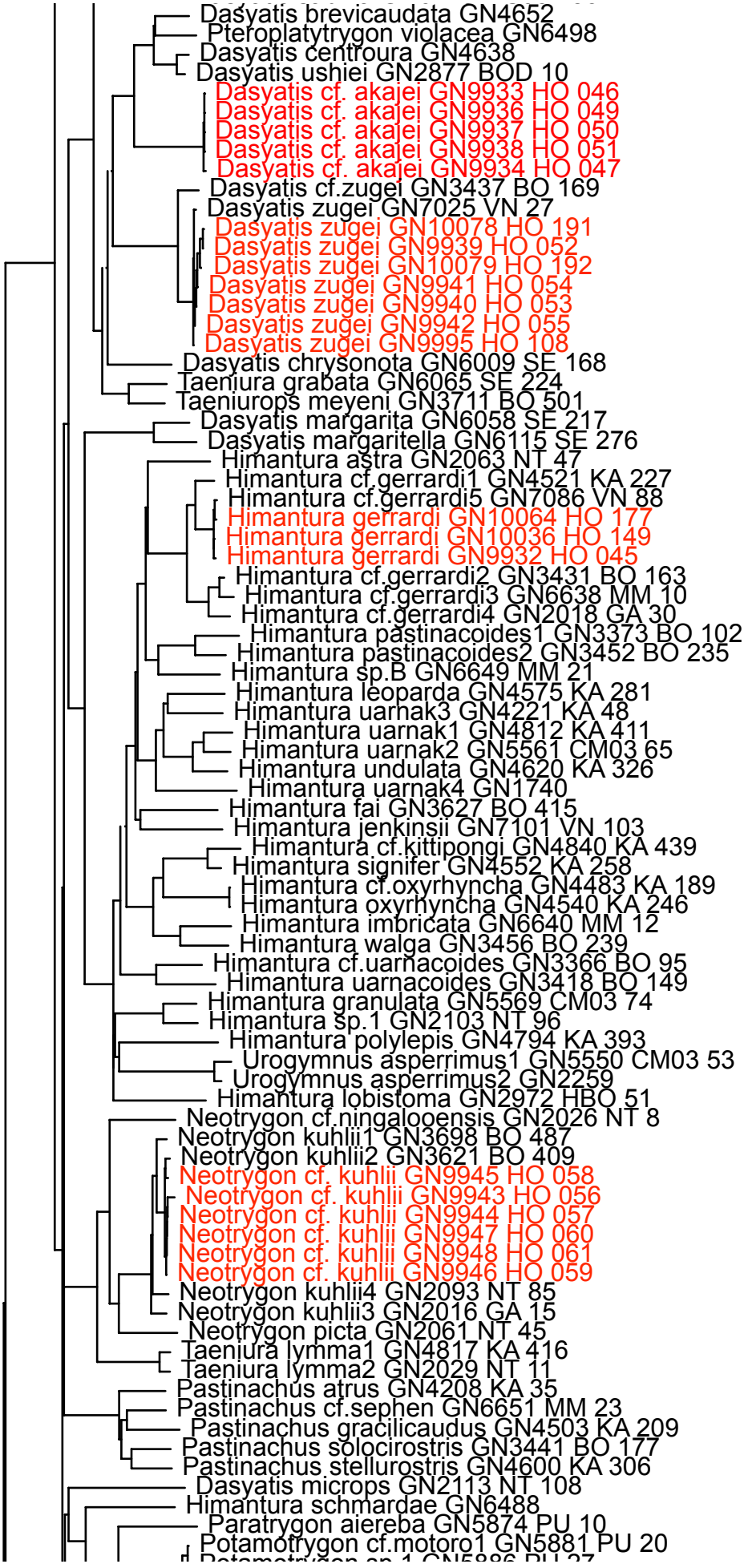
NJ tree


Aetobatus cf.ocellatus1 GN4703
Aetobatus ocellatus GN3513 BO 296
Aetobatus laticeps GN1605 BJ 723
Aetobatus narinari GN5675 FY 1
Aetobatus cf.ocellatus2 GN6793
Aetobatus flagellum GN4510 KA 216
Aetobatus sp. GN7050 VN 52
Aetomylaeus cf.nichofii1 GN6584 MM 400A
Aetomylaeus nichofii GN3444 BO 180
Aetomylaeus nichofii GN9924 HO 037
Aetomylaeus nichofii GN9926 HO 039
Aetomylaeus nichofii GN9925 HO 038
Aetomylaeus cf.nichofii2 GN2075 NT 59
Aetomylaeus maculatus GN3442 BO 178
Aetomylaeus milvus GN6594 AM 3
Pteromylaeus bovinus GN6097 SE 257
Aetomylaeus vespertilio GN2072 NT 56
Myliobatis aquila GN7334 AF 181
Myliobatis tobijei GN4384
Myliobatis tobijei GN9949 HO 062
Myliobatis tobijei GN9950 HO 063
Myliobatis freminvillei GN4697
Myliobatis longirostris GN5200 BJ 141
Myliobatis californica GN5203 BJ 144
Myliobatis australis GN2551
Manta birostris GN4356
Mobula japanica GN5273 BJ 391
Mobula kuhlii GN3019 HBO 122
Mobula thurstoni GN5284 BJ 429
Mobula hypostoma GN5814 MS05 391
Mobula munkiana GN2286 BJ 275
Rhinoptera bonasus GN5466 BNC 14
Rhinoptera cf.bonasus GN6089 SE 249
Rhinoptera cf.steindachneri GN5850 MS05 440
Rhinoptera steindachneri GN5440 BJ 793
Rhinoptera sp.1 GN5978 SE 137
Rhinoptera jayakari GN1623 TH 27
Rhinoptera javanica GN7092 VN 94
Rhinoptera neglecta GN5545 CM03 48
Gymnura altavela GN6067 SE 226
Gymnura australis GN2047 NT 30
Gymnura cf.poecilura1 GN4507 KA 213
Gymnura cf.poecilura2 GN6650 MM 22
Gymnura zonura GN2883 BOD 16
Gymnura zonura GN9954 HO 067
Gymnura zonura GN9952 HO 065
Gymnura zonura GN9953 HO 066
Gymnura sp.1 GN4640
Gymnura crebripunctata GN1551 BJ 676
Gymnura marmorata GN5448 BJ 807
Gymnura micrura GN4678
Hexatrygon bickelii GN6772
Trygonoptera imitata GN2557
Trygonoptera testacea GN1627 DF 3
Trygonoptera personata GN4635
Trygonoptera ovalis GN4634
Plesiobatis daviesi GN4346
Plesiobatis daviesi GN10107 HO 220
Plesiobatis daviesi GN10118 HO 231
Plesiobatis daviesi GN10182 HO 295
Urolophus bucculentus GN4655
Urolophus flavomosaicus GN4657
Urolophus westraliensis GN4637
Urolophus aurantiacus GN9960 HO 073
Urolophus aurantiacus GN9961 HO 074
Urolophus kapalensis GN4658
Urolophus cruciatus GN2546
Urolophus lobatus GN4659
Urolophus paucimaculatus GN2554
Urolophus expansus GN4656
Urolophus viridis GN4661
Dasyatis americana GN6232 MS05 304
Dasyatis longa GN1599 BJ 738
Dasyatis sp. GN6063 SE 222
Dasyatis brevis GN5379 BJ 675
Dasyatis say GN6230 MS05 297
Dasyatis sabina GN6229 MS05 253
Dasyatis brevicaudata GN4652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Dasyatis centroura GN4638
Dasyatis ushiei GN2877 BOD 10
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Dasyatis cf. akajei GN9936 HO 049
Dasyatis cf. akajei GN9937 HO 050
Dasyatis cf. akajei GN9938 HO 051
Dasyatis cf. akajei GN9934 HO 047
Dasyatis cf.zugei GN3437 BO 169
Dasyatis zugei GN7025 VN 27
Dasyatis zugei GN10078 HO 191
Dasyatis zugei GN9939 HO 052
Dasyatis zugei GN10079 HO 192
Dasyatis zugei GN9941 HO 054
Dasyatis zugei GN9940 HO 053
Dasyatis zugei GN9942 HO 055
Dasyatis zugei GN9995 HO 108
Dasyatis chrysonota GN6009 SE 168
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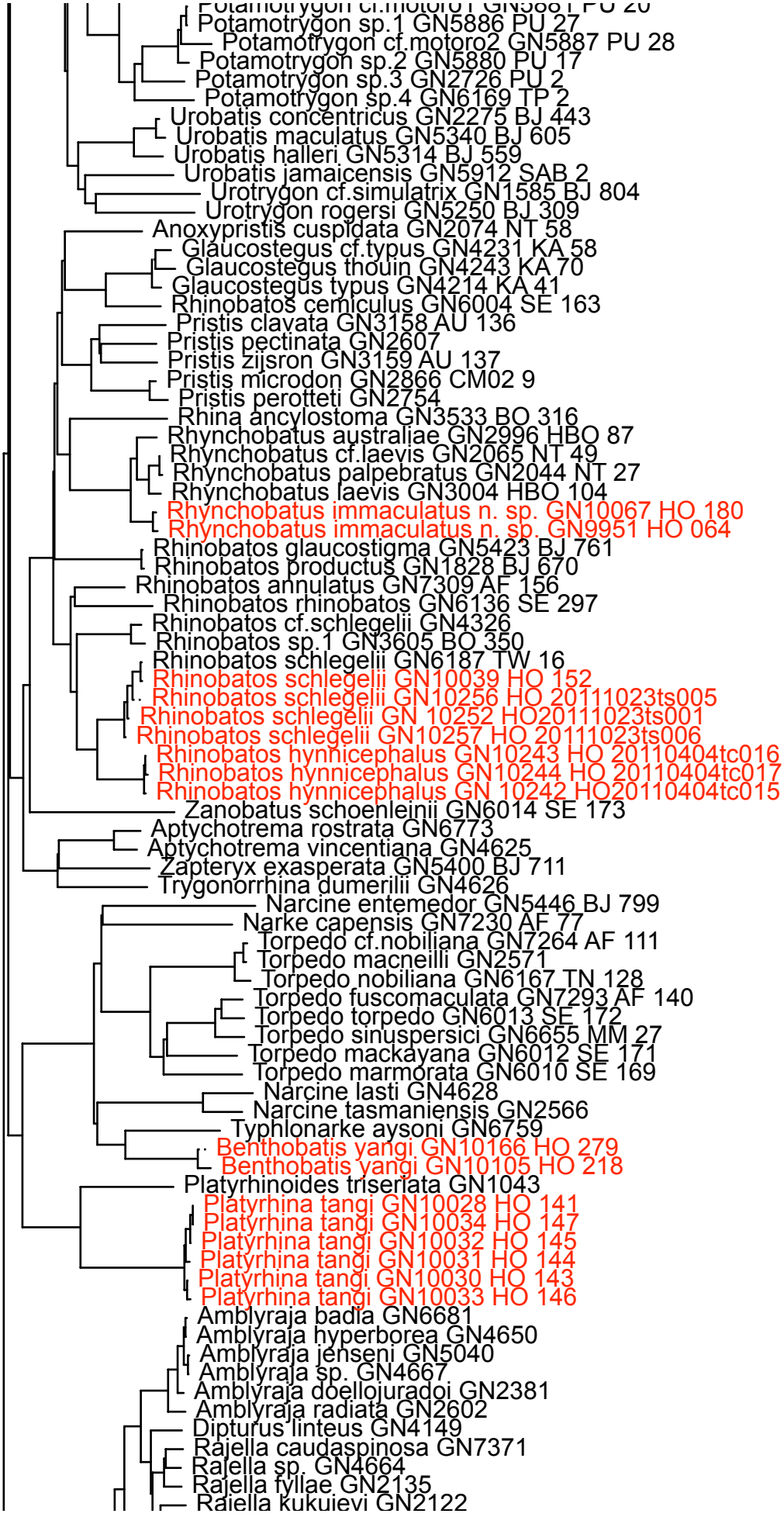
Taeniurops meyeni GN3711 BO 501
Dasyatis margarita GN6058 SE 217
Dasyatis margaritella GN6115 SE 276
Himantura astra GN2063 NT 47
Himantura cf.gerrardi1 GN4521 KA 227
Himantura cf.gerrardi5 GN7086 VN 88
Himantura gerrardi GN10064 HO 177
Himantura gerrardi GN10036 HO 149
Himantura gerrardi GN9932 HO 045
Himantura cf.gerrardi2 GN3431 BO 163
Himantura cf.gerrardi3 GN6638 MM 10
Himantura cf.gerrardi4 GN2018 GA 30
Himantura pastinacoides1 GN3373 BO 102
Himantura pastinacoides2 GN3452 BO 235
Himantura sp.B GN6649 MM 21
Himantura leoparda GN4575 KA 281
Himantura uarnak3 GN4221 KA 48
Himantura uarnak1 GN4812 KA 411
Himantura uarnak2 GN5561 CM03 65
Himantura undulata GN4620 KA 326
Himantura uarnak4 GN1740
Himantura fai GN3627 BO 415
Himantura jenkinsii GN7101 VN 103
Himantura cf.kittipongi GN4840 KA 439
Himantura signifer GN4552 KA 258
Himantura cf.oxyrhyncha GN4483 KA 189
Himantura oxyrhyncha GN4540 KA 246
Himantura imbricata GN6640 MM 12
Himantura walga GN3456 BO 239
Himantura cf.uarnacoides GN3366 BO 95
Himantura uarnacoides GN3418 BO 149
Himantura granulata GN5569 CM03 74
Himantura sp.1 GN2103 NT 96
Himantura polylepis GN4794 KA 393
Urogymnus asperrimus1 GN5550 CM03 53
Urogymnus asperrimus2 GN2259
Himantura lobistoma GN2972 HBO 51
Neotrygon cf.ningalooensis GN2026 NT 8
Neotrygon kuhlii1 GN3698 BO 487
Neotrygon kuhlii2 GN3621 BO 409
Neotrygon cf. kuhlii GN9945 HO 058
Neotrygon cf. kuhlii GN9943 HO 056
Neotrygon cf. kuhlii GN9944 HO 057
Neotrygon cf. kuhlii GN9947 HO 060
Neotrygon cf. kuhlii GN9948 HO 061
Neotrygon cf. kuhlii GN9946 HO 059
Neotrygon kuhlii4 GN2093 NT 85
Neotrygon kuhlii3 GN2016 GA 15
Neotrygon picta GN2061 NT 45
Taeniura lymma1 GN4817 KA 416
Taeniura lymma2 GN2029 NT 11
Pastinachus atrus GN4208 KA 35
Pastinachus cf.sephen GN6651 MM 23
Pastinachus gracilicaudus GN4503 KA 209
Pastinachus solocirostris GN3441 BO 177
Pastinachus stellurostris GN4600 KA 306
Dasyatis microps GN2113 NT 108
Himantura schmardae GN6488
Paratrygon aiereba GN5874 PU 10
Potamotrygon cf.motoro1 GN5881 PU 20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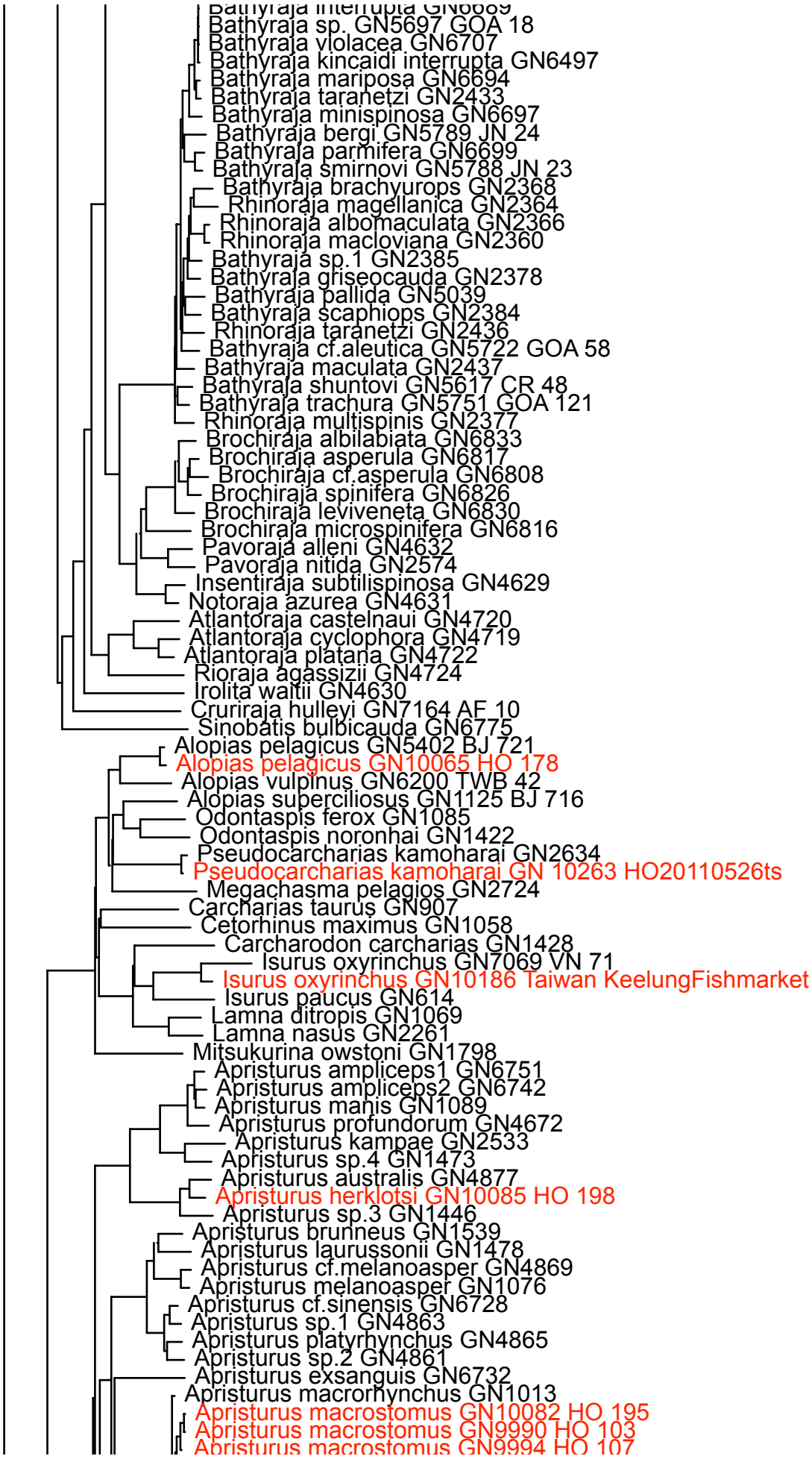
Potamotrygon cf.motoro2 GN5887 PU 28
Potamotrygon sp.2 GN5880 PU 17
Potamotrygon sp.3 GN2726 PU 2
Potamotrygon sp.4 GN6169 TP 2
Urobatis concentricus GN2275 BJ 443
Urobatis maculatus GN5340 BJ 605
Urobatis halleri GN5314 BJ 559
Urobatis jamaicensis GN5912 SAB 2
Urotrygon cf.simulatrix GN1585 BJ 804
Urotrygon rogersi GN5250 BJ 309
Anoxypristis cuspidata GN2074 NT 58
Glaucostegus cf.typus GN4231 KA 58
Glaucostegus thouin GN4243 KA 70
Glaucostegus typus GN4214 KA 41
Rhinobatos cemiculus GN6004 SE 163
Pristis clavata GN3158 AU 136
Pristis pectinata GN2607
Pristis zijsron GN3159 AU 137
Pristis microdon GN2866 CM02 9
Pristis perotteti GN2754
Rhina ancylostoma GN3533 BO 316
Rhynchobatus australiae GN2996 HBO 87
Rhynchobatus cf.laevis GN2065 NT 49
Rhynchobatus palpebratus GN2044 NT 27
Rhynchobatus laevis GN3004 HBO 104
Rhynchobatus immaculatus n. sp. GN10067 HO 180
Rhynchobatus immaculatus n. sp. GN9951 HO 064
Rhinobatos glaucostigma GN5423 BJ 761
Rhinobatos productus GN1828 BJ 670
Rhinobatos annulatus GN7309 AF 156
Rhinobatos rhinobatos GN6136 SE 297
Rhinobatos cf.schlegelii GN4326
Rhinobatos sp.1 GN3605 BO 350
Rhinobatos schlegelii GN6187 TW 16
Rhinobatos schlegelii GN10039 HO 152
Rhinobatos schlegelii GN10256 HO 20111023ts005
Rhinobatos schlegelii GN 10252 HO20111023ts001
Rhinobatos schlegelii GN10257 HO 20111023ts006
Rhinobatos hynnicephalus GN10243 HO 20110404tc016
Rhinobatos hynnicephalus GN10244 HO 20110404tc017
Rhinobatos hynnicephalus GN 10242 HO20110404tc015
Zanobatus schoenleinii GN6014 SE 173
Aptychotrema rostrata GN6773
Aptychotrema vincentiana GN4625
Zapteryx exasperata GN5400 BJ 711
Trygonorrhina dumerilii GN4626
Narcine entemedor GN5446 BJ 799
Narke capensis GN7230 AF 77
Torpedo cf.nobiliana GN7264 AF 111
Torpedo macneilli GN2571
Torpedo nobiliana GN6167 TN 128
Torpedo fuscomaculata GN7293 AF 140
Torpedo torpedo GN6013 SE 172
Torpedo sinuspersici GN6655 MM 27
Torpedo mackayana GN6012 SE 171
Torpedo marmorata GN6010 SE 169
Narcine lasti GN4628
Narcine tasmaniensis GN2566
Typhlonarke aysoni GN6759
Benthobatis yangi GN10166 HO 279
Benthobatis yangi GN10105 HO 218
Platyrhinoides triseriata GN1043
Platyrhina tangi GN10028 HO 141
Platyrhina tangi GN10034 HO 147
Platyrhina tangi GN10032 HO 145
Platyrhina tangi GN10031 HO 144
Platyrhina tangi GN10030 HO 143
Platyrhina tangi GN10033 HO 146
Amblyraja badia GN6681
Amblyraja hyperborea GN4650
Amblyraja jenseni GN5040
Amblyraja sp. GN4667
Amblyraja doellojuradoi GN2381
Amblyraja radiata GN2602
Dipturus linteus GN4149
Rajella caudaspinosa GN7371
Rajella sp. GN4664
Rajella fyllae GN2135
Rajella kukujevi GN2122

Rajella kukujevi GN2122
Rajella leopardus GN7366
Leucoraja erinacea GN2505
Leucoraja ocellata GN4686
Leucoraja garmani GN4687
Leucoraja fullonica GN6547 AZ 49
Leucoraja naevus GN2150
Leucoraja wallacei GN7282 AF 129
Okamejei jensenae GN4382
Raja eglanteria GN5834 MS05 421
Raja velezi GN5235 BJ 257
Rostroraja alba GN7302 AF 149
Malacoraja senta GN4688
Neoraja caerulea GN2182
Dipturus australis GN6787
Dipturus cerva GN6790
Dipturus confusus GN2467
Dipturus cf.healdi GN6789
Dipturus gudgeri GN2631
Dipturus innominatus GN5614 CR 45
Dipturus healdi GN6788
Dipturus sp.4 GN4353
Dipturus tengu GN10127 HO 240
Dipturus tengu GN10109 HO 222
Dipturus tengu GN10128 HO 241
Dipturus tengu GN10129 HO 242
Dipturus tengu GN10151 HO 264
Dipturus tengu GN10152 HO 265
Dipturus tengu GN10153 HO 266
Dipturus tengu GN1025
Dipturus leptocauda GN2397
Dipturus trachyderma GN7449
Zearaja chilensis GN6416 CHL 9
Zearaja nasuta GN2708
Zearaja flavirostris GN2361
Dipturus pullopunctatus GN7190 AF 37
Dipturus springeri GN7382
Dipturus gigas GN9998 HO 111
Dipturus batis GN6546 AZ 48
Dipturus oxyrhinchus GN2181
Dipturus cf.batis1 GN2128
Dipturus cf.batis2 GN4152
Dipturus laevis GN2603
Spiniraja whitleyi GN2472
Okamejei cairae GN4735 KA 334
Okamejei acutispina GN9962 HO 075
Okamejei acutispina GN9964 HO 077
Okamejei acutispina GN9966 HO 079
Okamejei acutispina GN9997 HO 110
Okamejei acutispina GN9963 HO 076
Okamejei acutispina GN9965 HO 078
Okamejei acutispina GN9996 HO 109
Okamejei cf.porosa GN5794 JN 89
Okamejei hollandi GN4738 KA 337
Okamejei hollandi GN10110 HO 223
Okamejei hollandi GN10108 HO 221
Raja binoculata GN1611 GOA 1
Raja rhina GN6713
Raja sp.1 GN6181 TW 10
Dipturus kwangtungensis GN10002 HO 115
Dipturus kwangtungensis GN9928 HO 041
Dipturus kwangtungensis GN9999 HO 112
Dipturus kwangtungensis GN9929 HO 042
Dipturus kwangtungensis GN9930 HO 043
Dipturus kwangtungensis GN10001 HO 114
Dipturus kwangtungensis GN10000 HO 113
Dipturus kwangtungensis GN9931 HO 044
Raja asterias GN2410
Raja clavata GN6557 AZ 60
Raja straeleni GN7192 AF 39
Raja cf.miraletus1 GN7221 AF 68
Raja miraletus GN5936 SE 15
Raja cf.miraletus2 GN5933 SE 12
Raja montagui GN1957 SCOT 36
Arhynchobatis asperrimus GN6831
Psammobatis sp. GN2392
Sympterygia acuta GN4726
Sympterygia bonapartii GN4716
Bathyraja aleutica GN5691 GOA 12
Bathyraja interrupta GN6689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Bathyraja taranetzi GN2433
Bathyraja minispinosa GN6697
Bathyraja bergi GN5789 JN 24
Bathyraja parmifera GN6699
Bathyraja smirnovi GN5788 JN 23
Bathyraja brachyurops GN2368
Rhinoraja magellanica GN2364
Rhinoraja albomaculata GN2366
Rhinoraja macloviana GN2360
Bathyraja sp.1 GN2385
Bathyraja griseocauda GN2378
Bathyraja pallida GN5039
Bathyraja scaphiops GN2384
Rhinoraja taranetzi GN2436
Bathyraja cf.aleutica GN5722 GOA 58
Bathyraja maculata GN2437
Bathyraja shuntovi GN5617 CR 48
Bathyraja trachura GN5751 GOA 121
Rhinoraja multispinis GN2377
Brochiraja albilabiata GN6833
Brochiraja asperula GN6817
Brochiraja cf.asperula GN6808
Brochiraja spinifera GN6826
Brochiraja leviveneta GN6830
Brochiraja microspinifera GN6816
Pavoraja alleni GN4632
Pavoraja nitida GN2574
Insentiraja subtilispinosa GN4629
Notoraja azurea GN4631
Atlantoraja castelnaui GN4720
Atlantoraja cyclophora GN4719
Atlantoraja platana GN4722
Rioraja agassizii GN4724
Irolita waitii GN4630
Cruriraja hulleyi GN7164 AF 10
Sinobatis bulbicauda GN6775
Alopias pelagicus GN5402 BJ 721
Alopias pelagicus GN10065 HO 178
Alopias vulpinus GN6200 TWB 42
Alopias superciliosus GN1125 BJ 716
Odontaspis ferox GN1085
Odontaspis noronhai GN1422
Pseudocarcharias kamoharai GN2634
Pseudocarcharias kamoharai GN 10263 HO20110526ts
Megachasma pelagios GN2724
Carcharias taurus GN907
Cetorhinus maximus GN1058
Carcharodon carcharias GN1428
Isurus oxyrinchus GN7069 VN 71
Isurus oxyrinchus GN10186 Taiwan KeelungFishmarket
Isurus paucus GN614
Lamna ditropis GN1069
Lamna nasus GN2261
Mitsukurina owstoni GN1798
Apristurus ampliceps1 GN6751
Apristurus ampliceps2 GN6742
Apristurus manis GN1089
Apristurus profundorum GN4672
Apristurus kampae GN2533
Apristurus sp.4 GN1473
Apristurus australis GN4877
Apristurus herklotsi GN10085 HO 198
Apristurus sp.3 GN1446
Apristurus brunneus GN1539
Apristurus laurussonii GN1478
Apristurus cf.melanoasper GN4869
Apristurus melanoasper GN1076
Apristurus cf.sinensis GN6728
Apristurus sp.1 GN4863
Apristurus platyrhynchus GN4865
Apristurus sp.2 GN4861
Apristurus exsanguis GN6732
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Apristurus macrostomus GN10082 HO 195
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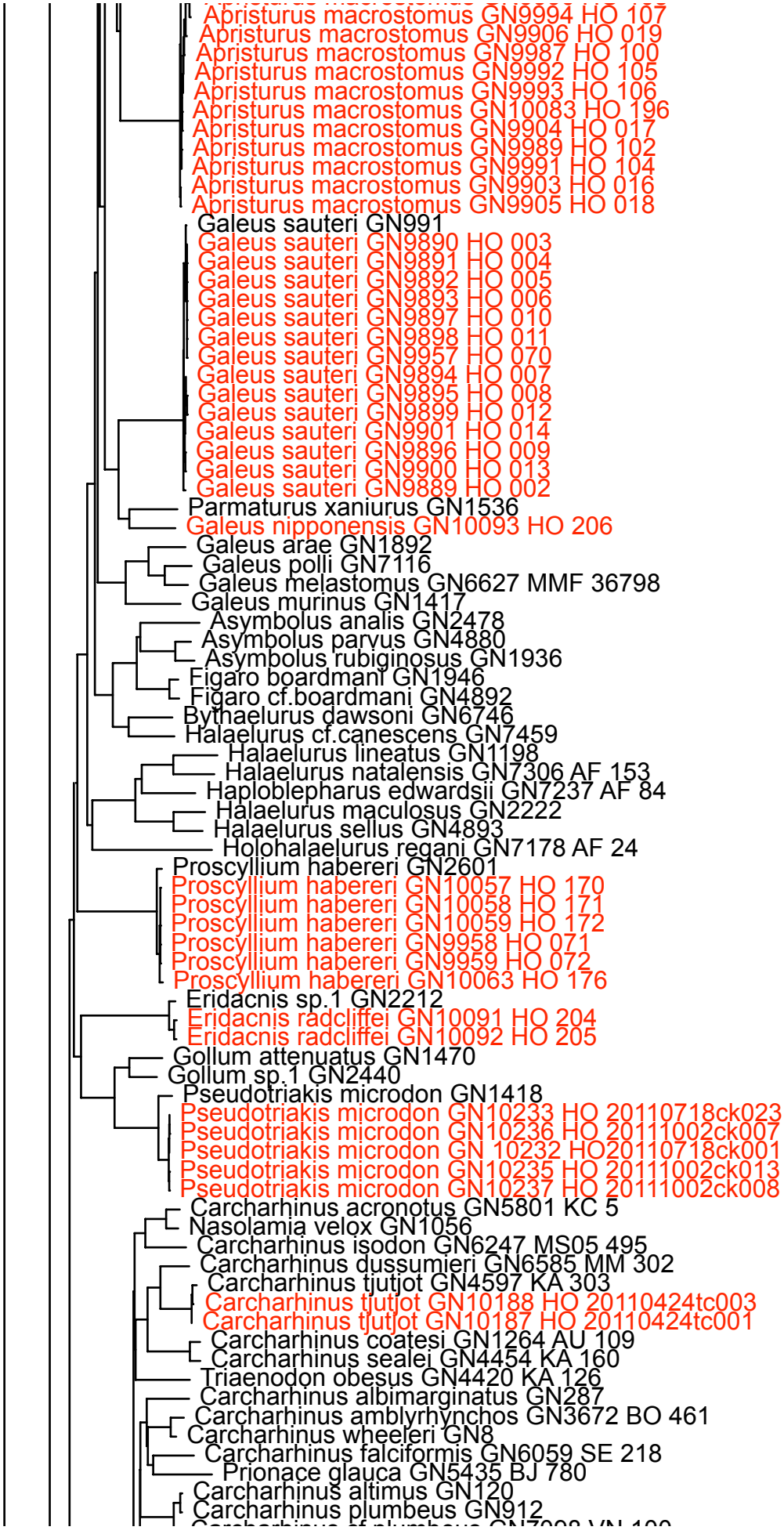
Apristurus macrostomus GN9994 HO 107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Apristurus macrostomus GN10083 HO 196
Apristurus macrostomus GN9904 HO 017
Apristurus macrostomus GN9989 HO 102
Apristurus macrostomus GN9991 HO 104
Apristurus macrostomus GN9903 HO 016
Apristurus macrostomus GN9905 HO 018
Galeus sauteri GN991
Galeus sauteri GN9890 HO 003
Galeus sauteri GN9891 HO 004
Galeus sauteri GN9892 HO 005
Galeus sauteri GN9893 HO 006
Galeus sauteri GN9897 HO 010
Galeus sauteri GN9898 HO 011
Galeus sauteri GN9957 HO 070
Galeus sauteri GN9894 HO 007
Galeus sauteri GN9895 HO 008
Galeus sauteri GN9899 HO 012
Galeus sauteri GN9901 HO 014
Galeus sauteri GN9896 HO 009
Galeus sauteri GN9900 HO 013
Galeus sauteri GN9889 HO 002
Parmaturus xaniurus GN1536
Galeus nipponensis GN10093 HO 206
Galeus arae GN1892
Galeus polli GN7116
Galeus melastomus GN6627 MMF 36798
Galeus murinus GN1417
Asymbolus analis GN2478
Asymbolus parvus GN4880
Asymbolus rubiginosus GN1936
Figaro boardmani GN1946
Figaro cf.boardmani GN4892
Bythaelurus dawsoni GN6746
Halaelurus cf.canescens GN7459
Halaelurus lineatus GN1198
Halaelurus natalensis GN7306 AF 153
Haploblepharus edwardsii GN7237 AF 84
Halaelurus maculosus GN2222
Halaelurus sellus GN4893
Holohalaelurus regani GN7178 AF 24
Proscyllium habereri GN2601
Proscyllium habereri GN10057 HO 170
Proscyllium habereri GN10058 HO 171
Proscyllium habereri GN10059 HO 172
Proscyllium habereri GN9958 HO 071
Proscyllium habereri GN9959 HO 072
Proscyllium habereri GN10063 HO 176
Eridacnis sp.1 GN2212
Eridacnis radcliffei GN10091 HO 204
Eridacnis radcliffei GN10092 HO 205
Gollum attenuatus GN1470
Gollum sp.1 GN2440
Pseudotriakis microdon GN1418
Pseudotriakis microdon GN10233 HO 20110718ck023
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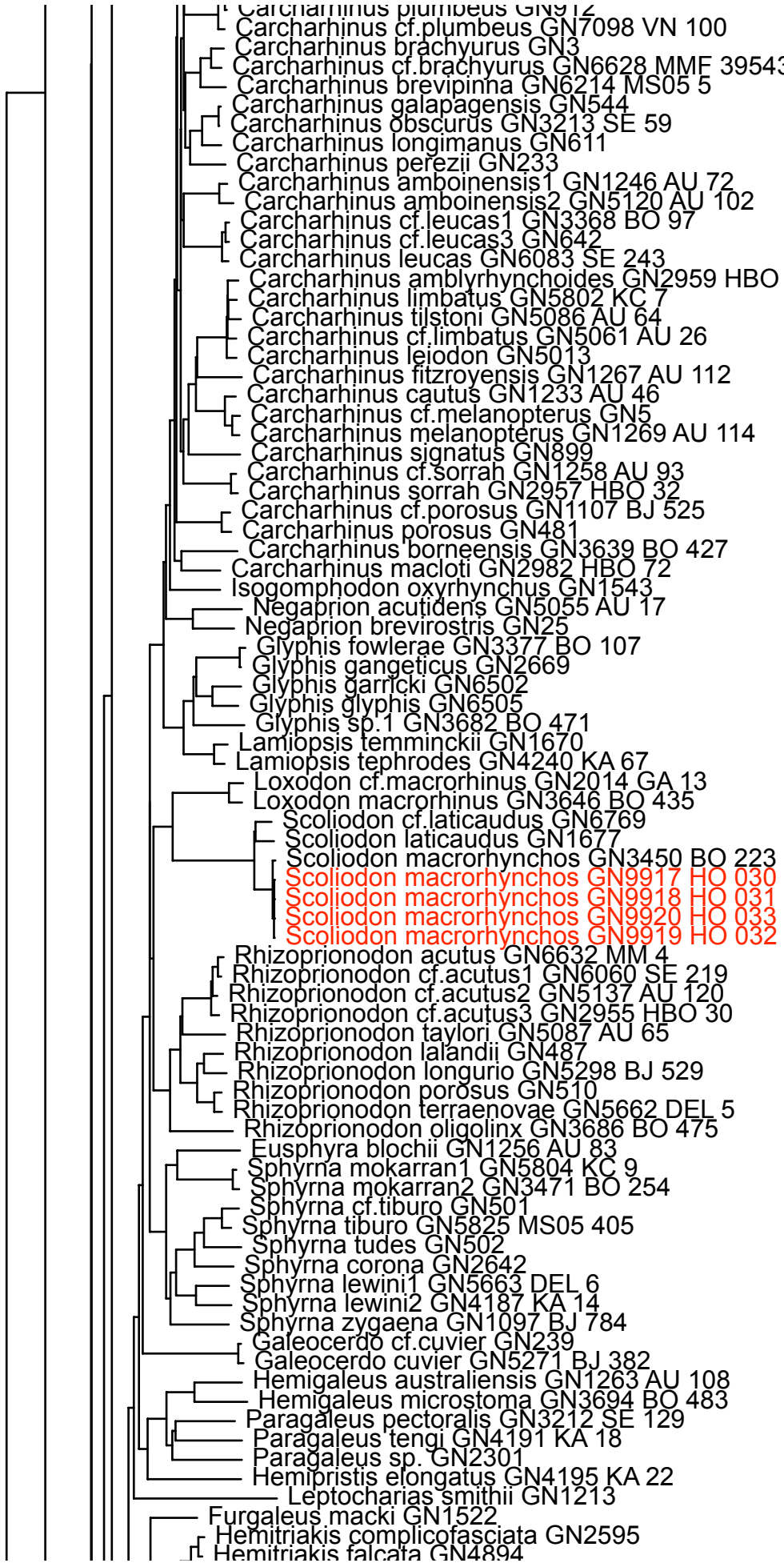
Pseudotriakis microdon GN 10232 HO20110718ck001
Pseudotriakis microdon GN10235 HO 20111002ck013
Pseudotriakis microdon GN10237 HO 20111002ck008
Carcharhinus acronotus GN5801 KC 5
Nasolamia velox GN1056
Carcharhinus isodon GN6247 MS05 495
Carcharhinus dussumieri GN6585 MM 302
Carcharhinus tjutjot GN4597 KA 303
Carcharhinus tjutjot GN10188 HO 20110424tc003
Carcharhinus tjutjot GN10187 HO 20110424tc001
Carcharhinus coatesi GN1264 AU 109
Carcharhinus sealei GN4454 KA 160
Triaenodon obesus GN4420 KA 126
Carcharhinus albimarginatus GN287
Carcharhinus amblyrhynchos GN3672 BO 461
Carcharhinus wheeleri GN8
Carcharhinus falciformis GN6059 SE 218
Prionace glauca GN5435 BJ 780
Carcharhinus altimus GN120
Carcharhinus plumbeus GN912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Carcharhinus brachyurus GN3
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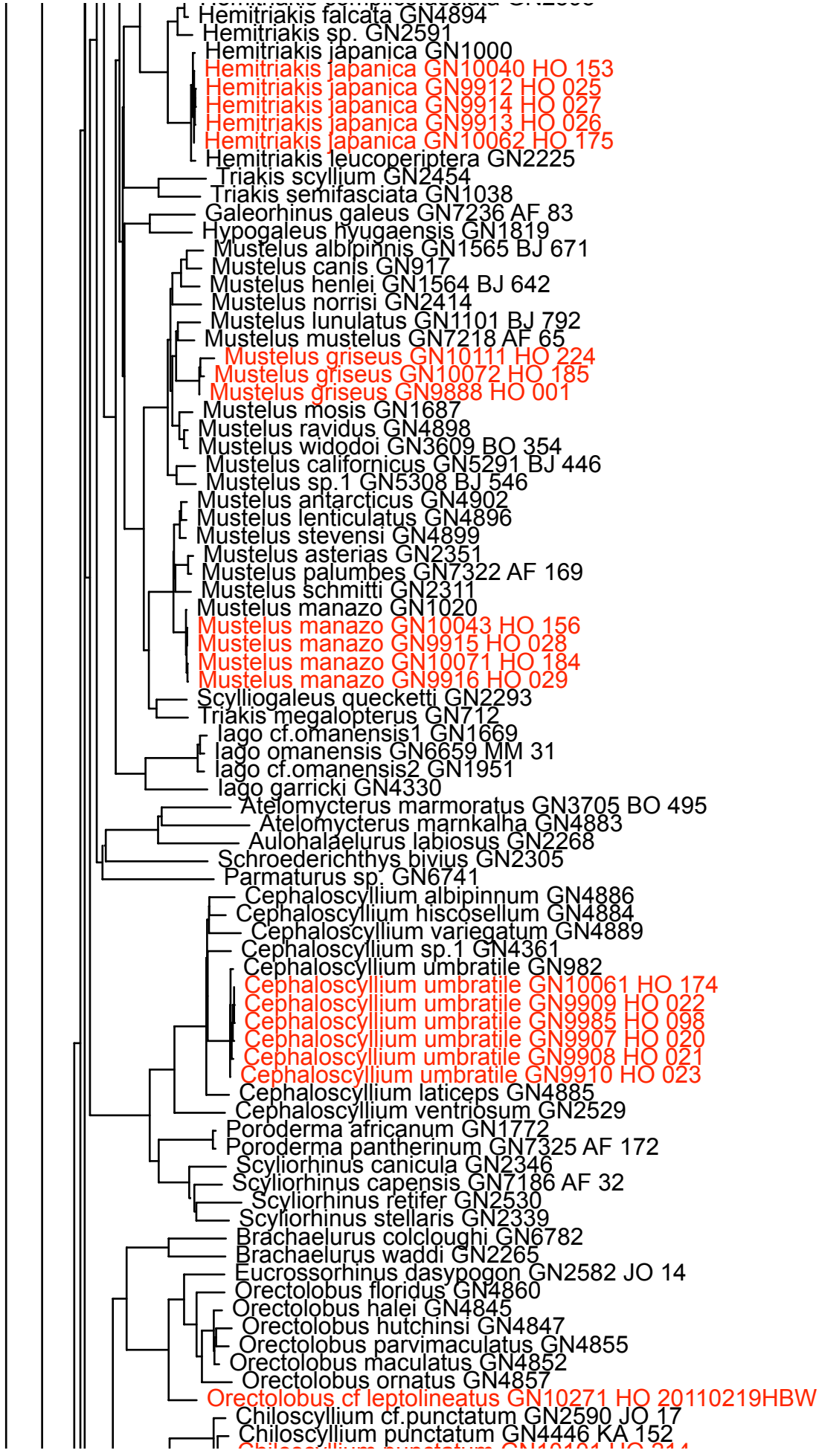
Carcharhinus brevipinna GN6214 MS05 5
Carcharhinus galapagensis GN544
Carcharhinus obscurus GN3213 SE 59
Carcharhinus longimanus GN611
Carcharhinus perezii GN233
Carcharhinus amboinensis1 GN1246 AU 72
Carcharhinus amboinensis2 GN5120 AU 102
Carcharhinus cf.leucas1 GN3368 BO 97
Carcharhinus cf.leucas3 GN642
Carcharhinus leucas GN6083 SE 243
Carcharhinus amblyrhynchoides GN2959 HBO 34
Carcharhinus limbatus GN5802 KC 7
Carcharhinus tilstoni GN5086 AU 64
Carcharhinus cf.limbatus GN5061 AU 26
Carcharhinus leiodon GN5013
Carcharhinus fitzroyensis GN1267 AU 112
Carcharhinus cautus GN1233 AU 46
Carcharhinus cf.melanopterus GN5
Carcharhinus melanopterus GN1269 AU 114
Carcharhinus signatus GN899
Carcharhinus cf.sorrah GN1258 AU 93
Carcharhinus sorrah GN2957 HBO 32
Carcharhinus cf.porosus GN1107 BJ 525
Carcharhinus porosus GN481
Carcharhinus borneensis GN3639 BO 427
Carcharhinus macloti GN2982 HBO 72
Isogomphodon oxyrhynchus GN1543
Negaprion acutidens GN5055 AU 17
Negaprion brevirostris GN25
Glyphis fowlerae GN3377 BO 107
Glyphis gangeticus GN2669
Glyphis garricki GN6502
Glyphis glyphis GN6505
Glyphis sp.1 GN3682 BO 471
Lamiopsis temminckii GN1670
Lamiopsis tephrodes GN4240 KA 67
Loxodon cf.macrorhinus GN2014 GA 13
Loxodon macrorhinus GN3646 BO 435
Scoliodon cf.laticaudus GN6769
Scoliodon laticaudus GN1677
Scoliodon macrorhynchos GN3450 BO 223
Scoliodon macrorhynchos GN9917 HO 030
Scoliodon macrorhynchos GN9918 HO 031
Scoliodon macrorhynchos GN9920 HO 033
Scoliodon macrorhynchos GN9919 HO 032
Rhizoprionodon acutus GN6632 MM 4
Rhizoprionodon cf.acutus1 GN6060 SE 219
Rhizoprionodon cf.acutus2 GN5137 AU 120
Rhizoprionodon cf.acutus3 GN2955 HBO 30
Rhizoprionodon taylori GN5087 AU 65
Rhizoprionodon lalandii GN487
Rhizoprionodon longurio GN5298 BJ 529
Rhizoprionodon porosus GN510
Rhizoprionodon terraenovae GN5662 DEL 5
Rhizoprionodon oligolinx GN3686 BO 475
Eusphyra blochii GN1256 AU 83
Sphyrna mokarran1 GN5804 KC 9
Sphyrna mokarran2 GN3471 BO 254
Sphyrna cf.tiburo GN501
Sphyrna tiburo GN5825 MS05 405
Sphyrna tudes GN502
Sphyrna corona GN2642
Sphyrna lewini1 GN5663 DEL 6
Sphyrna lewini2 GN4187 KA 14
Sphyrna zygaena GN1097 BJ 784
Galeocerdo cf.cuvier GN239
Galeocerdo cuvier GN5271 BJ 382
Hemigaleus australiensis GN1263 AU 108
Hemigaleus microstoma GN3694 BO 483
Paragaleus pectoralis GN3212 SE 129
Paragaleus tengi GN4191 KA 18
Paragaleus sp. GN2301
Hemipristis elongatus GN4195 KA 22
Leptocharias smithii GN1213
Furgaleus macki GN1522
Hemitriakis complicofasciata GN2595
Hemitriakis falcata GN4894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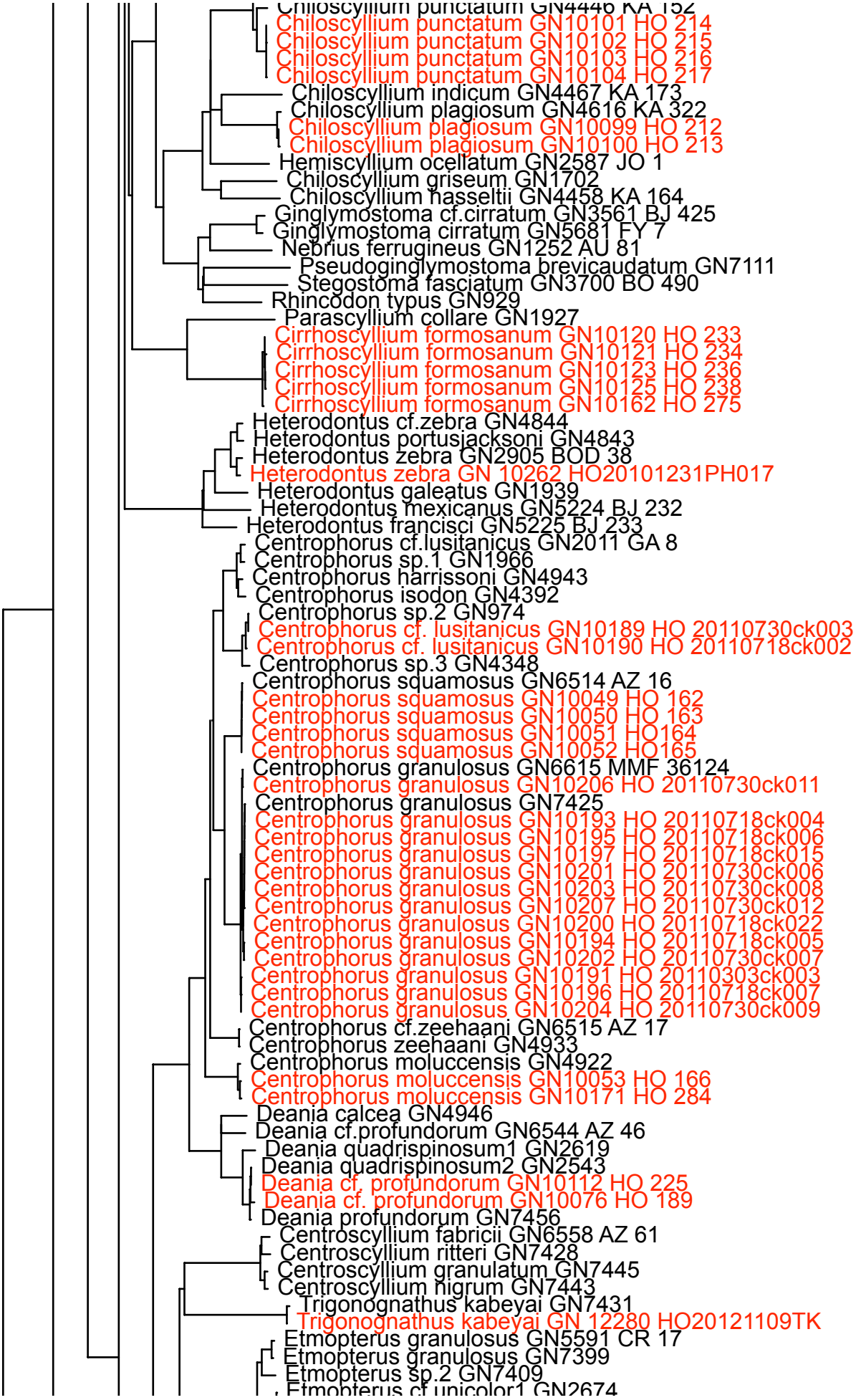
Hemitriakis japanica GN9914 HO 027
Hemitriakis japanica GN9913 HO 026
Hemitriakis japanica GN10062 HO 175
Hemitriakis leucoperiptera GN2225
Triakis scyllium GN2454
Triakis semifasciata GN1038
Galeorhinus galeus GN7236 AF 83
Hypogaleus hyugaensis GN1819
Mustelus albipinnis GN1565 BJ 671
Mustelus canis GN917
Mustelus henlei GN1564 BJ 642
Mustelus norrisi GN2414
Mustelus lunulatus GN1101 BJ 792
Mustelus mustelus GN7218 AF 65
Mustelus griseus GN10111 HO 224
Mustelus griseus GN10072 HO 185
Mustelus griseus GN9888 HO 001
Mustelus mosis GN1687
Mustelus ravidus GN4898
Mustelus widodoi GN3609 BO 354
Mustelus californicus GN5291 BJ 446
Mustelus sp.1 GN5308 BJ 546
Mustelus antarcticus GN4902
Mustelus lenticulatus GN4896
Mustelus stevensi GN4899
Mustelus asterias GN2351
Mustelus palumbes GN7322 AF 169
Mustelus schmitti GN2311
Mustelus manazo GN1020
Mustelus manazo GN10043 HO 156
Mustelus manazo GN9915 HO 028
Mustelus manazo GN10071 HO 184
Mustelus manazo GN9916 HO 029
Scylliogaleus quecketti GN2293
Triakis megalopterus GN712
Iago cf.omanensis1 GN1669
Iago omanensis GN6659 MM 31
Iago cf.omanensis2 GN1951
Iago garricki GN4330
Atelomycterus marmoratus GN3705 BO 495
Atelomycterus marnkalha GN4883
Aulohalaelurus labiosus GN2268
Schroederichthys bivius GN2305
Parmaturus sp. GN6741
Cephaloscyllium albipinnum GN4886
Cephaloscyllium hiscosellum GN4884
Cephaloscyllium variegatum GN4889
Cephaloscyllium sp.1 GN4361
Cephaloscyllium umbratile GN982
Cephaloscyllium umbratile GN10061 HO 174
Cephaloscyllium umbratile GN9909 HO 022
Cephaloscyllium umbratile GN9985 HO 098
Cephaloscyllium umbratile GN9907 HO 020
Cephaloscyllium umbratile GN9908 HO 021
Cephaloscyllium umbratile GN9910 HO 023
Cephaloscyllium laticeps GN4885
Cephaloscyllium ventriosum GN2529
Poroderma africanum GN1772
Poroderma pantherinum GN7325 AF 172
Scyliorhinus canicula GN2346
Scyliorhinus capensis GN7186 AF 32
Scyliorhinus retifer GN2530
Scyliorhinus stellaris GN2339
Brachaelurus colcloughi GN6782
Brachaelurus waddi GN2265
Eucrossorhinus dasypogon GN2582 JO 14
Orectolobus floridus GN4860
Orectolobus halei GN4845
Orectolobus hutchinsi GN4847
Orectolobus parvimaculatus GN4855
Orectolobus maculatus GN4852
Orectolobus ornatus GN4857
Orectolobus cf leptolineatus GN10271 HO 20110219HBW
Chiloscyllium cf.punctatum GN2590 JO 17
Chiloscyllium punctatum GN4446 KA 152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Chiloscyllium indicum GN4467 KA 173
Chiloscyllium plagiosum GN4616 KA 322
Chiloscyllium plagiosum GN10099 HO 212
Chiloscyllium plagiosum GN10100 HO 213
Hemiscyllium ocellatum GN2587 JO 1
Chiloscyllium griseum GN1702
Chiloscyllium hasseltii GN4458 KA 164
Ginglymostoma cf.cirratum GN3561 BJ 425
Ginglymostoma cirratum GN5681 FY 7
Nebrius ferrugineus GN1252 AU 81
Pseudoginglymostoma brevicaudatum GN7111
Stegostoma fasciatum GN3700 BO 490
Rhincodon typus GN929
Parascyllium collare GN1927
Cirrhoscyllium formosanum GN10120 HO 233
Cirrhoscyllium formosanum GN10121 HO 234
Cirrhoscyllium formosanum GN10123 HO 236
Cirrhoscyllium formosanum GN10125 HO 238
Cirrhoscyllium formosanum GN10162 HO 275
Heterodontus cf.zebra GN4844
Heterodontus portusjacksoni GN4843
Heterodontus zebra GN2905 BOD 38
Heterodontus zebra GN 10262 HO20101231PH017
Heterodontus galeatus GN1939
Heterodontus mexicanus GN5224 BJ 232
Heterodontus francisci GN5225 BJ 233
Centrophorus cf.lusitanicus GN2011 GA 8
Centrophorus sp.1 GN1966
Centrophorus harrissoni GN4943
Centrophorus isodon GN4392
Centrophorus sp.2 GN974
Centrophorus cf. lusitanicus GN10189 HO 20110730ck003
Centrophorus cf. lusitanicus GN10190 HO 20110718ck002
Centrophorus sp.3 GN4348
Centrophorus squamosus GN6514 AZ 16
Centrophorus squamosus GN10049 HO 162
Centrophorus squamosus GN10050 HO 163
Centrophorus squamosus GN10051 HO164
Centrophorus squamosus GN10052 HO165
Centrophorus granulosus GN6615 MMF 36124
Centrophorus granulosus GN10206 HO 20110730ck011
Centrophorus granulosus GN7425
Centrophorus granulosus GN10193 HO 20110718ck004
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Centrophorus granulosus GN10201 HO 20110730ck006
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Centrophorus granulosus GN10207 HO 20110730ck012
Centrophorus granulosus GN10200 HO 20110718ck022
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Centrophorus granulosus GN10191 HO 20110303ck003
Centrophorus granulosus GN10196 HO 20110718ck007
Centrophorus granulosus GN10204 HO 20110730ck009
Centrophorus cf.zeehaani GN6515 AZ 17
Centrophorus zeehaani GN4933
Centrophorus moluccensis GN4922
Centrophorus moluccensis GN10053 HO 166
Centrophorus moluccensis GN10171 HO 284
Deania calcea GN4946
Deania cf.profundorum GN6544 AZ 46
Deania quadrispinosum1 GN2619
Deania quadrispinosum2 GN2543
Deania cf. profundorum GN10112 HO 225
Deania cf. profundorum GN10076 HO 189
Deania profundorum GN7456
Centroscyllium fabricii GN6558 AZ 61
Centroscyllium ritteri GN7428
Centroscyllium granulatum GN7445
Centroscyllium nigrum GN7443
Trigonognathus kabeyai GN7431
Trigonognathus kabeyai GN 12280 HO20121109TK
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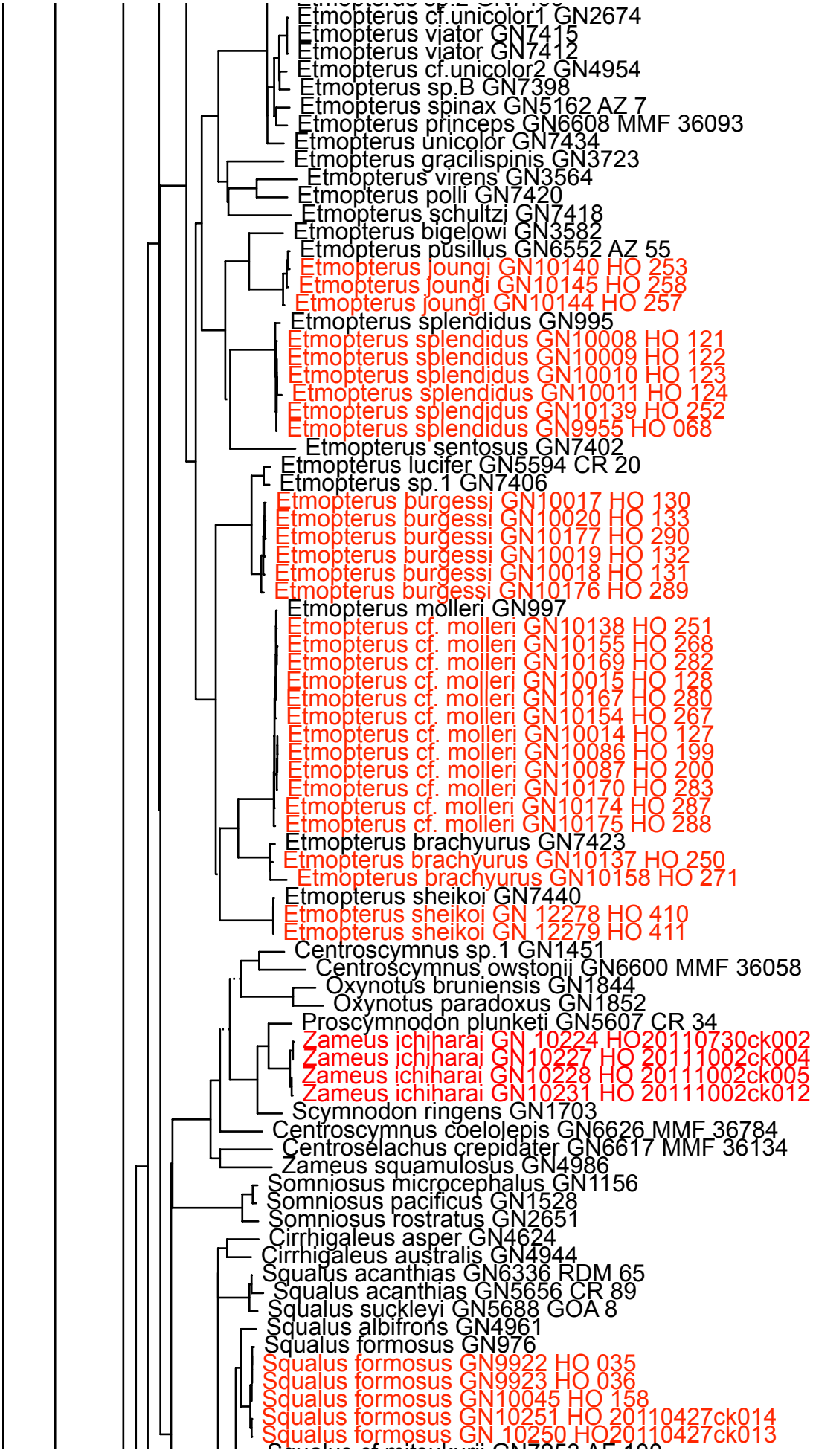
Etmopterus granulosus GN7399
Etmopterus sp.2 GN7409
Etmopterus cf.unicolor1 GN2674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Etmopterus spinax GN5162 AZ 7
Etmopterus princeps GN6608 MMF 36093
Etmopterus unicolor GN7434
Etmopterus gracilispinis GN3723
Etmopterus virens GN3564
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Etmopterus schultzi GN7418
Etmopterus bigelowi GN3582
Etmopterus pusillus GN6552 AZ 55
Etmopterus joungi GN10140 HO 253
Etmopterus joungi GN10145 HO 258
Etmopterus joungi GN10144 HO 257
Etmopterus splendidus GN995
Etmopterus splendidus GN10008 HO 121
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Etmopterus lucifer GN5594 CR 20
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Etmopterus molleri GN997
Etmopterus cf. molleri GN10138 HO 251
Etmopterus cf. molleri GN10155 HO 268
Etmopterus cf. molleri GN10169 HO 282
Etmopterus cf. molleri GN10015 HO 128
Etmopterus cf. molleri GN10167 HO 280
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Etmopterus cf. molleri GN10014 HO 127
Etmopterus cf. molleri GN10086 HO 199
Etmopterus cf. molleri GN10087 HO 200
Etmopterus cf. molleri GN10170 HO 283
Etmopterus cf. molleri GN10174 HO 287
Etmopterus cf. molleri GN10175 HO 288
Etmopterus brachyurus GN7423
Etmopterus brachyurus GN10137 HO 250
Etmopterus brachyurus GN10158 HO 271
Etmopterus sheikoi GN7440
Etmopterus sheikoi GN 12278 HO 410
Etmopterus sheikoi GN 12279 HO 411
Centroscymnus sp.1 GN1451
Centroscymnus owstonii GN6600 MMF 36058
Oxynotus bruniensis GN1844
Oxynotus paradoxus GN1852
Proscymnodon plunketi GN5607 CR 34
Zameus ichiharai GN 10224 HO20110730ck002
Zameus ichiharai GN10227 HO 20111002ck004
Zameus ichiharai GN10228 HO 20111002ck005
Zameus ichiharai GN10231 HO 20111002ck012
Scymnodon ringens GN1703
Centroscymnus coelolepis GN6626 MMF 36784
Centroselachus crepidater GN6617 MMF 36134
Zameus squamulosus GN4986
Somniosus microcephalus GN1156
Somniosus pacificus GN1528
Somniosus rostratus GN2651
Cirrhigaleus asper GN4624
Cirrhigaleus australis GN4944
Squalus acanthias GN6336 RDM 65
Squalus acanthias GN5656 CR 89
Squalus suckleyi GN5688 GOA 8
Squalus albifrons GN4961
Squalus formosus GN976
Squalus formosus GN9922 HO 035
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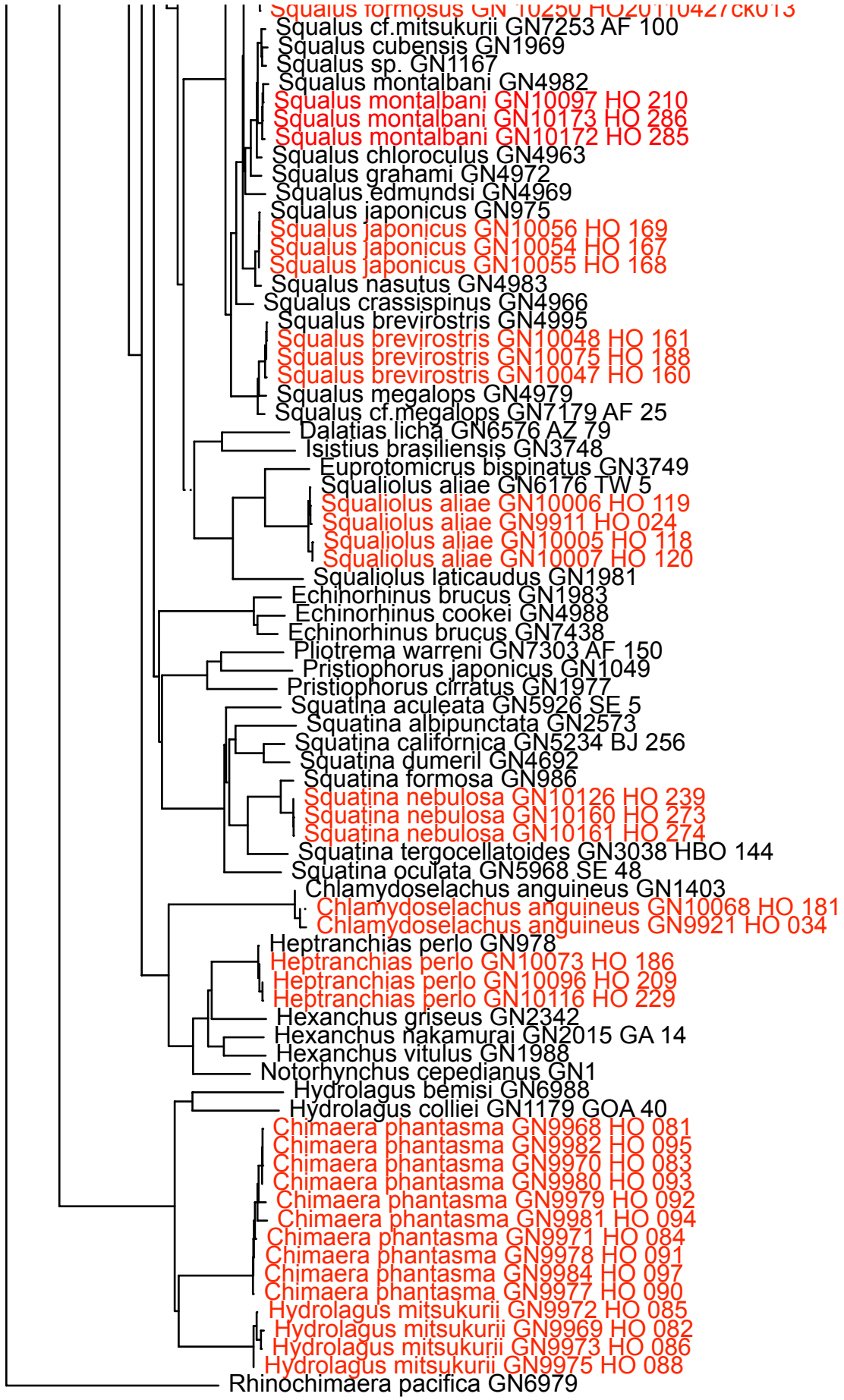
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Squalus montalbani GN10097 HO 210
Squalus montalbani GN10173 HO 286
Squalus montalbani GN10172 HO 285
Squalus chloroculus GN4963
Squalus grahami GN4972
Squalus edmundsi GN4969
Squalus japonicus GN975
Squalus japonicus GN10056 HO 169
Squalus japonicus GN10054 HO 167
Squalus japonicus GN10055 HO 168
Squalus nasutus GN4983
Squalus crassispinus GN4966
Squalus brevirostris GN4995
Squalus brevirostris GN10048 HO 161
Squalus brevirostris GN10075 HO 188
Squalus brevirostris GN10047 HO 160
Squalus megalops GN4979
Squalus cf.megalops GN7179 AF 25
Dalatias licha GN6576 AZ 79
Isistius brasiliensis GN3748
Euprotomicrus bispinatus GN3749
Squaliolus aliae GN6176 TW 5
Squaliolus aliae GN10006 HO 119
Squaliolus aliae GN9911 HO 024
Squaliolus aliae GN10005 HO 118
Squaliolus aliae GN10007 HO 120
Squaliolus laticaudus GN1981
Echinorhinus brucus GN1983
Echinorhinus cookei GN4988
Echinorhinus brucus GN7438
Pliotrema warreni GN7303 AF 150
Pristiophorus japonicus GN1049
Pristiophorus cirratus GN1977
Squatina aculeata GN5926 SE 5
Squatina albipunctata GN2573
Squatina californica GN5234 BJ 256
Squatina dumeril GN4692
Squatina formosa GN986
Squatina nebulosa GN10126 HO 239
Squatina nebulosa GN10160 HO 273
Squatina nebulosa GN10161 HO 274
Squatina tergocellatoides GN3038 HBO 144
Squatina oculata GN5968 SE 48
Chlamydoselachus anguineus GN1403
Chlamydoselachus anguineus GN10068 HO 181
Chlamydoselachus anguineus GN9921 HO 034
Heptranchias perlo GN978
Heptranchias perlo GN10073 HO 186
Heptranchias perlo GN10096 HO 209
Heptranchias perlo GN10116 HO 229
Hexanchus griseus GN2342
Hexanchus nakamurai GN2015 GA 14
Hexanchus vitulus GN1988
Notorhynchus cepedianus GN1
Hydrolagus bemisi GN6988
Hydrolagus colliei GN1179 GOA 40
Chimaera phantasma GN9968 HO 081
Chimaera phantasma GN9982 HO 095
Chimaera phantasma GN9970 HO 083
Chimaera phantasma GN9980 HO 093
Chimaera phantasma GN9979 HO 092
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Hydrolagus mitsukurii GN9969 HO 082
Hydrolagus mitsukurii GN9973 HO 086
Hydrolagus mitsukurii GN9975 HO 088
Rhinochimaera pacifica GN6979
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