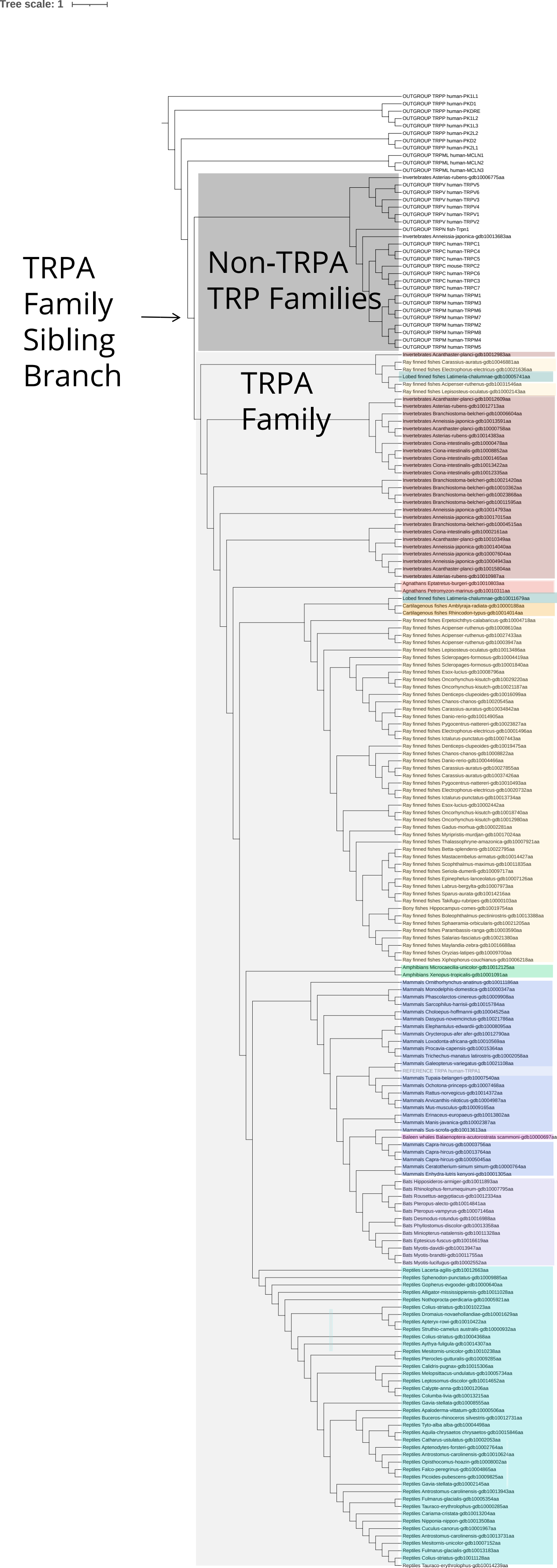
Tree scale: 1
TRPA Family Sibling Branch
Non-TRPA TRP Families
TRPA Family
OUTGROUP TRPP human-PK1L1
OUTGROUP TRPP human-PKD1
OUTGROUP TRPP human-PKDRE
OUTGROUP TRPP human-PK1L2
OUTGROUP TRPP human-PK1L3
OUTGROUP TRPP human-PK2L2
OUTGROUP TRPP human-PKD2
OUTGROUP TRPP human-PK2L1
OUTGROUP TRPML human-MCLN1
OUTGROUP TRPML human-MCLN2
OUTGROUP TRPML human-MCLN3
Invertebrates Asterias-rubens-gdb10006775aa
OUTGROUP TRPV human-TRPV5
OUTGROUP TRPV human-TRPV6
OUTGROUP TRPV human-TRPV3
OUTGROUP TRPV human-TRPV4
OUTGROUP TRPV human-TRPV1
OUTGROUP TRPV human-TRPV2
OUTGROUP TRPN fish-Trpn1
Invertebrates Anneissia-japonica-gdb10013683aa
OUTGROUP TRPC human-TRPC1
OUTGROUP TRPC human-TRPC4
OUTGROUP TRPC human-TRPC5
OUTGROUP TRPC mouse-TRPC2
OUTGROUP TRPC human-TRPC6
OUTGROUP TRPC human-TRPC3
OUTGROUP TRPC human-TRPC7
OUTGROUP TRPM human-TRPM1
OUTGROUP TRPM human-TRPM3
OUTGROUP TRPM human-TRPM6
OUTGROUP TRPM human-TRPM7
OUTGROUP TRPM human-TRPM2
OUTGROUP TRPM human-TRPM8
OUTGROUP TRPM human-TRPM4
OUTGROUP TRPM human-TRPM5
Invertebrates Acanthaster-planci-gdb10012983aa
Ray finned fishes Carassius-auratus-gdb10046881aa
Ray finned fishes Electrophorus-electricus-gdb10021636aa
Lobed finned fishes Latimeria-chalumnae-gdb10005741aa
Ray finned fishes Acipenser-ruthenus-gdb10031546aa
Ray finned fishes Lepisosteus-oculatus-gdb10002143aa
Invertebrates Acanthaster-planci-gdb10012609aa
Invertebrates Asterias-rubens-gdb10012713aa
Invertebrates Branchiostoma-belcheri-gdb10006604aa
Invertebrates Anneissia-japonica-gdb10013591aa
Invertebrates Acanthaster-planci-gdb10000758aa
Invertebrates Asterias-rubens-gdb10014383aa
Invertebrates Ciona-intestinalis-gdb10000478aa
Invertebrates Ciona-intestinalis-gdb10008852aa
Invertebrates Ciona-intestinalis-gdb10001465aa
Invertebrates Ciona-intestinalis-gdb10013422aa
Invertebrates Ciona-intestinalis-gdb10012335aa
Invertebrates Branchiostoma-belcheri-gdb10021420aa
Invertebrates Branchiostoma-belcheri-gdb10010362aa
Invertebrates Branchiostoma-belcheri-gdb10023868aa
Invertebrates Branchiostoma-belcheri-gdb10011595aa
Invertebrates Anneissia-japonica-gdb10014793aa
Invertebrates Anneissia-japonica-gdb10017015aa
Invertebrates Branchiostoma-belcheri-gdb10004515aa
Invertebrates Ciona-intestinalis-gdb10002161aa
Invertebrates Acanthaster-planci-gdb10010349aa
Invertebrates Anneissia-japonica-gdb10014040aa
Invertebrates Anneissia-japonica-gdb10007604aa
Invertebrates Anneissia-japonica-gdb10004943aa
Invertebrates Acanthaster-planci-gdb10015804aa
Invertebrates Asterias-rubens-gdb10010987aa
Agnathans Eptatretus-burgeri-gdb10010803aa
Agnathans Petromyzon-marinus-gdb10010311aa
Lobed finned fishes Latimeria-chalumnae-gdb10011679aa
Cartilagenous fishes Amblyraja-radiata-gdb10000188aa
Cartilagenous fishes Rhincodon-typus-gdb10014014aa
Ray finned fishes Erpetoichthys-calabaricus-gdb10004718aa
Ray finned fishes Acipenser-ruthenus-gdb10008610aa
Ray finned fishes Acipenser-ruthenus-gdb10027433aa
Ray finned fishes Acipenser-ruthenus-gdb10003947aa
Ray finned fishes Lepisosteus-oculatus-gdb10013486aa
Ray finned fishes Scleropages-formosus-gdb10004419aa
Ray finned fishes Scleropages-formosus-gdb10001840aa
Ray finned fishes Esox-lucius-gdb10008796aa
Ray finned fishes Oncorhynchus-kisutch-gdb10029220aa
Ray finned fishes Oncorhynchus-kisutch-gdb10021187aa
Ray finned fishes Denticeps-clupeoides-gdb10016099aa
Ray finned fishes Chanos-chanos-gdb10020545aa
Ray finned fishes Carassius-auratus-gdb10034842aa
Ray finned fishes Danio-rerio-gdb10014905aa
Ray finned fishes Pygocentrus-nattereri-gdb10023827aa
Ray finned fishes Electrophorus-electricus-gdb10001496aa
Ray finned fishes Ictalurus-punctatus-gdb10007443aa
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Ray finned fishes Esox-lucius-gdb10002442aa
Ray finned fishes Oncorhynchus-kisutch-gdb10018740aa
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Ray finned fishes Gadus-morhua-gdb10002281aa
Ray finned fishes Myripristis-murdjan-gdb10017024aa
Ray finned fishes Thalassophryne-amazonica-gdb10007921aa
Ray finned fishes Betta-splendens-gdb10022795aa
Ray finned fishes Mastacembelus-armatus-gdb10014427aa
Ray finned fishes Scophthalmus-maximus-gdb10011835aa
Ray finned fishes Seriola-dumerili-gdb10009717aa
Ray finned fishes Epinephelus-lanceolatus-gdb10007126aa
Ray finned fishes Labrus-bergylta-gdb10007973aa
Ray finned fishes Sparus-aurata-gdb10014216aa
Ray finned fishes Takifugu-rubripes-gdb10000103aa
Bony fishes Hippocampus-comes-gdb10019754aa
Ray finned fishes Boleophthalmus-pectinirostris-gdb10013388aa
Ray finned fishes Sphaeramia-orbicularis-gdb10021205aa
Ray finned fishes Parambassis-ranga-gdb10003590aa
Ray finned fishes Salarias-fasciatus-gdb10021380aa
Ray finned fishes Maylandia-zebra-gdb10016688aa
Ray finned fishes Oryzias-latipes-gdb10009700aa
Ray finned fishes Xiphophorus-couchianus-gdb10006218aa
Amphibians Microcaecilia-unicolor-gdb10012125aa
Amphibians Xenopus-tropicalis-gdb10001091aa
Mammals Ornithorhynchus-anatinus-gdb10011186aa
Mammals Monodelphis-domestica-gdb10000347aa
Mammals Phascolarctos-cinereus-gdb10009908aa
Mammals Sarcophilus-harrisii-gdb10015784aa
Mammals Choloepus-hoffmanni-gdb10004525aa
Mammals Dasypus-novemcinctus-gdb10021786aa
Mammals Elephantulus-edwardii-gdb10008095aa
Mammals Orycteropus-afer afer-gdb10012790aa
Mammals Loxodonta-africana-gdb10010569aa
Mammals Procavia-capensis-gdb10015364aa
Mammals Trichechus-manatus latirostris-gdb10002058aa
Mammals Galeopterus-variegatus-gdb10021108aa
REFERENCE TRPA human-TRPA1
Mammals Tupaia-belangeri-gdb10007540aa
Mammals Ochotona-princeps-gdb10007468aa
Mammals Rattus-norvegicus-gdb10014372aa
Mammals Arvicanthis-niloticus-gdb10004987aa
Mammals Mus-musculus-gdb10009165aa
Mammals Erinaceus-europaeus-gdb10013802aa
Mammals Manis-javanica-gdb10002387aa
Mammals Sus-scrofa-gdb10013613aa
Baleen whales Balaenoptera-acutorostrata scammoni-gdb10000697aa
Mammals Capra-hircus-gdb10003756aa
Mammals Capra-hircus-gdb10013764aa
Mammals Capra-hircus-gdb10005045aa
Mammals Ceratotherium-simum simum-gdb10000764aa
Mammals Enhydra-lutris kenyoni-gdb10001305aa
Bats Hipposideros-armiger-gdb10011893aa
Bats Rhinolophus-ferrumequinum-gdb10007795aa
Bats Rousettus-aegyptiacus-gdb10012334aa
Bats Pteropus-alecto-gdb10014841aa
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Bats Desmodus-rotundus-gdb10016988aa
Bats Phyllostomus-discolor-gdb10013358aa
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Bats Eptesicus-fuscus-gdb10016619aa
Bats Myotis-davidii-gdb10013947aa
Bats Myotis-brandtii-gdb10011755aa
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Reptiles Lacerta-agilis-gdb10012663aa
Reptiles Sphenodon-punctatus-gdb10009885aa
Reptiles Gopherus-evgoodei-gdb10000640aa
Reptiles Alligator-mississippiensis-gdb10011028aa
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Reptiles Colius-striatus-gdb10010223aa
Reptiles Dromaius-novaehollandiae-gdb10001629aa
Reptiles Apteryx-rowi-gdb10010422aa
Reptiles Struthio-camelus australis-gdb10000932aa
Reptiles Colius-striatus-gdb10004368aa
Reptiles Aythya-fuligula-gdb10014307aa
Reptiles Mesitornis-unicolor-gdb10010238aa
Reptiles Pterocles-gutturalis-gdb10009285aa
Reptiles Calidris-pugnax-gdb10015306aa
Reptiles Melopsittacus-undulatus-gdb10005734aa
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Reptiles Tyto-alba alba-gdb10004498aa
Reptiles Aquila-chrysaetos chrysaetos-gdb10015846aa
Reptiles Catharus-ustulatus-gdb10002053aa
Reptiles Aptenodytes-forsteri-gdb10002764aa
Reptiles Antrostomus-carolinensis-gdb10010624aa
Reptiles Opisthocomus-hoazin-gdb10008002aa
Reptiles Falco-peregrinus-gdb10004865aa
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Reptiles Tauraco-erythrolophus-gdb10000285aa
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