ASMT

Supplementary Figure S5. PAML ASMT results, model 2 (Supplementary Table S8).

Background ω = 0.25

Odobenus_rosmarus
Callorhinus_ursinus
Neomonachus_schauinslandi
Leptonychotes_weddellii
Enhydra_lutris
Gulo_gulo
Ailurus_fulgens
Ailuropoda_melanoleuca
Canis_lupus_dingo
Otocyon_megalotis
Hyaena_hyaena
Proteles_cristata
Panthera_pardus
Manis_pentadactyla
Manis_javanica   ω = 0.72
Phataginus_tricuspis
Megaptera_novaeangliae
Balaenoptera_physalus
Balaenoptera_musculus
Eschrichtius_robustus
Balaenoptera_acutorostrata
Balaenoptera_bonaerensis
Balaena_mysticetus
Eubalaena_japonica
Tursiops_truncatus
Tursiops_aduncus
Sousa_chinensis
Lagenorhynchus_obliquidens
Orcinus_orca   ω = 0.93
ω = 0.7
Phocoena_phocoena
Neophocaena_asiaeorientalis
Delphinapterus_leucas
Monodon_monoceros
Inia_geoffrensis
Pontoporia_blainvillei
Lipotes_vexillifer
Mesoplodon_bidens
Ziphius_cavirostris
Platanista_minor
Kogia_breviceps
Physeter_catodon
Hippopotamus_amphibius
Bos_taurus
Capra_sibirica
Axis_porcinus
Okapia_johnstoni
Sus_scrofa
Vicugna_pacos
Ceratotherium_simum
Equus_caballus
Miniopterus_natalensis
Myotis_brandtii
Desmodus_rotundus
Pteropus_alecto
Rhinolophus_sinicus
Hipposideros_armiger
Condylura_cristata
Scalopus_aquaticus
Uropsilus_gracilis
Erinaceus_europaeus
Sorex_araneus
Solenodon_paradoxus
Homo_sapiens
Rhinopithecus_roxellana
Callithrix_jacchus
Aotus_nancymaae
Cebus_capucinus
Propithecus_coquereli
Microcebus_murinus
Otolemur_garnettii
Galeopterus_variegatus_West_Java
Galeopterus_variegatus_Peninsular_Malaysia   ω = 0.6
Cynocephalus_volans
Chinchilla_lanigera
Octodon_degus
Heterocephalus_glaber   ← ω = 0.54
Fukomys_damarensis
Urocitellus_parryii
Nannospalax_galili
Rattus_norvegicus
Castor_canadensis
Dipodomys_ordii
Ochotona_princeps
Tupaia_chinensis
Choloepus_didactylus
Choloepus_hoffmanni   ω = 0.56
Bradypus_variegatus
Myrmecophaga_tridactyla
Tamandua_tetradactyla   ω = 1.07
Cyclopes_didactylus
Calyptophractus_retusus
Chlamyphorus_truncatus
Cabassous_unicinctus
Tolypeutes_matacus
Chaetophractus_vellerosus
ω = 1.06
Dasypus_novemcinctus   ω = 0.91
Dasypus_guianensis
Chrysochloris_asiatica
Echinops_telfairi
Elephantulus_edwardii
Orycteropus_afer
Dugong_dugon
Trichechus_manatus
Loxodonta_africana
Procavia_capensis

— Statistically higher than background
ω = X* Statistically higher than 1
▮ Shared mutation mapped to branch
▮ Ambiguous shared mutation mapped to branch

0.3