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canis_lupus_dingo-ENSCAFG00020023623
       canis lupus familiaris-ENSCAFG00845009574
       vulpes_vulpes-ENSVVUG00000012648
                      felis_catus-ENSFCAG00000012446
                      panthera leo-ENSPLOG00000012653
                      panthera_pardus-ENSPPRG0000005205
                 mustela_putorius_furo-ENSMPUG00000015501
          ailuropoda melanoleuca-ENSAMEG00000011429
          ursus americanus-ENSUAMG0000008774
          ursus maritimus-ENSUMAG00000011040
                                                                                                    tupaia belangeri-ENSTBEG00000009072
                 erinaceus_europaeus-ENSEEUG00000011398
dipodomys ordii-ENSDORG00000016564
   cercocebus_atys-ENSCATG00000044332
   macaca mulatta-ENSMMUG00000011391
   macaca_nemestrina-ENSMNEG00000041161
   macaca fascicularis-ENSMFAG00000026128
   papio anubis-ENSPANG0000006550
   mandrillus_leucophaeus-ENSMLEG00000030371
   nomascus leucogenys-ENSNLEG00000009856
          saimiri boliviensis boliviensis-ENSSBOG00000034045
                   • jaculus_jaculus-ENSJJAG00000013745
           cebus imitator-ENSCCAG00000027370
                  - callithrix jacchus-ENSCJAG0000009804
           aotus_nancymaae-ENSANAG00000032408
              pan_troglodytes-ENSPTRG00000000439
              pongo abelii-ENSPPYG0000001634
              gorilla_gorilla-ENSGGOG00000024069
              pan_paniscus-ENSPPAG00000032722
       chlorocebus_sabaeus-ENSCSAG0000001018
          rhinopithecus roxellana-ENSRROG00000038863
             rhinopithecus_bieti-ENSRBIG00000043898
          choloepus_hoffmanni-ENSCHOG0000000357
   loxodonta africana-ENSLAFG00000030451
equus_asinus-ENSEASG00005010152
             myotis_lucifugus-ENSMLUG00000012606

    rhinolophus ferrumequinum-ENSRFEG00010007674

                 microcebus_murinus-ENSMICG00000003729
                   prolemur_simus-ENSPSMG00000010340
                 otolemur garnettii-ENSOGAG00000014648
              nannospalax galili-ENSNGAG00000014432
                                 mus_pahari-MGP PahariEiJ G0028892
                                    mus musculus-ENSMUSG00000040025
                                              → rattus_norvegicus-ENSRNOG00000010892
                                                     → mesocricetus_auratus-ENSMAUG00000002009
                                       microtus ochrogaster-ENSMOCG00000018361
                                peromyscus_maniculatus_bairdii-ENSPEMG00000014903
             carlito_syrichta-ENSTSYG00000004178
   propithecus_coquereli-ENSPCOG00000010131
equus caballus-ENSECAG00000023108
       cervus_hanglu_yarkandensis-ENSCHYG0000005845
       bos_mutus-ENSBMUG0000013045
         moschus moschiferus-ENSMMSG00000017379
       bos_taurus-ENSBTAG00000015771
              physeter catodon-ENSPCTG00005003821
              phocoena sinus-ENSPSNG00000006564
                delphinapterus_leucas-ENSDLEG00000012942
              monodon monoceros-ENSMMNG00015012587
                 tursiops truncatus-ENSTTRG00000013603
                 balaenoptera_musculus-ENSBMSG00010000900
   capra_hircus-ENSCHIG00000022985
             camelus dromedarius-ENSCDRG00005006917
                 sciurus vulgaris-ENSSVLG00005012853
                     ictidomys_tridecemlineatus-ENSSTOG00000025075
                     urocitellus parryii-ENSUPAG00010020684
                         sus_scrofa-ENSSSCG00000027686
                             - catagonus_wagneri-ENSCWAG0000007018
                        dasypus_novemcinctus-ENSDNOG00000033903
          chinchilla lanigera-ENSCLAG00000007438
   procavia_capensis-ENSPCAG00000007587
       oryctolagus cuniculus-ENSOCUG00000010612
              pteropus_vampyrus-ENSPVAG0000017224
                        ochotona_princeps-ENSOPRG0000017111
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