



Identity

Fukomys anselli
Heterocephalus_glaber
Cavia_porcellus
Chinchilla_lanigera
Octodon_degus
Mus_musculus
Rattus_norvegicus
Mesocricetus_auratus
Cricetulus_griseus
Ochotona_princeps
Otolemur_garnettii
Homo_sapiens
Canis_lupus
Mustela_putorius_furo
Alioropoda_melanoleuca
Ovis_aries
Sus_scrofa
Condylura_cristata

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Identity	467
Fukomys anselli	F L E V F E D
Heterocephalus glaber	F L E V F E D
Cavia porcellus	F L E V F E D
Chinchilla lanigera	F L E V F E D
Octodon degus	F L E V F E D
Mus musculus	F L E V F E D
Rattus norvegicus	F L E V F E D
Mesocricetus auratus	F L E V F E D
Cricetulus griseus	F L E V F E D
Ochotona princeps	F L E V F E D
Otolemur garnettii	F L E V F E D
Homo sapiens	F L E V F E D
Canis lupus	F L E V F E D
Mustela putorius furo	F L E V F E D
Ailuropoda melanoleuca	F L E V F E D
Ovis aries	
Sus scrofa	F L E V F E D
Condylura cristata	F L E V F E D

Figure S2. Protein alignment of thyroid hormone receptor β (THRB) from different mammal species.

The mRNA sequence of *F. anselli* was obtained from RNA-seq and subsequently translated, other sequences were retrieved from NCBI databases with the following accession numbers: Heterocephalus glaber (XP_004892721), Cavia porcellus (XP_005008354), Chinchilla lanigera (XP_005387539), Octodon degus (XP_004634245), Mus musculus (P37242), Rattus norvegicus (P18113), Mesocricetus auratus (XP_005081037), Cricetulus griseus (ERE87100), Ochotona princeps (XP_004588346), Otolemur garnettii (XP_003781795), Homo sapiens (P10828), Canis lupus (XP_862690), Mustela putorius furo (XP_004786805), Ailuropoda melanoleuca (XP_002928077), Ovis aries (Q28571), Sus scrofa (XP_001928500), Condylura cristata (XP_004692336).