

LDTKS YWKA<mark>VGISPFHE</mark> YAEN

IDTKSYWKALGISPFHEHAEVVFTANDSGPRRYTIAALLSPYSYS LDTKSYWQSLGISPFHEYAEVVFTANDSGPRRYTIAALLSPYSYS

VFTANDSGLRHYTIAALLSPYSYST

40

RGSPA

RGSP

RGS

RGS

VRGSPAA

Identity

Fukomys anselli Heterocephalus_glaber Chinchilla_lanigera Octodon_degus Rattus_norvegicus Mesocricetus_auratus Cricetulus_griseus lctidomys_tridecemline... Oryctolagus_cuniculus Chlorocebus_aethiops Homo_sapiens Equus_caballus Echinops_telfairi

Chlorocebus_aethiops

Homo_sapiens Equus_caballus

Echinops_telfairi

140 147 TA TNPKA TA TNPKA TA TNPKE TA TNPKE TA SNPON TA SNPKE TA **ISNPK** VSNPKA VSNPQE TA TA VITNPK<mark>E</mark> VVTNPKD TA TAI TALVS NPKE TAVVS NPKE

Figure S8. Protein alignment of transthyretin (TTR) 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_004905241), Chinchilla lanigera (XP_005372800), Octodon degus (XP_004623610), Rattus norvegicus (AAA41801), Mesocricetus auratus (XP_005065406), Cricetulus griseus (XP_003510202), Ictidomys tridecemlineatus (XP_005337518), Oryctolagus cuniculus (XP_002713532), Chlorocebus aethiops (BAL44398), Homo sapiens (CAG33189), Equus caballus (XP_001495232), Echinops telfairi (XP_004702987).