





Figure S5. Protein alignment of Type II iodothyronine deiodinase (D2) 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_004900438), *Chinchilla lanigera* (XP_005390287), *Octodon degus* (XP_004624767), *Mus musculus* (NP_034180), *Rattus norvegicus* (NP_113908), *Ochotona princeps* (XP_004584413), *Homo sapiens* (AAC95470), *Canis lupus* (NP_001116117), *Ovis aries* (XP_004011138), *Sus scrofa* (NP_001001626), *Equus caballus* (NP_001159927), *Orcinus orca* (XP_004262346), *Condylura cristata* (XP_004681708), *Echinops telfairi* (XP_004698804).