





Figure S12. Protein alignment of Natrium-Iodid-Symporter (NIS) from different mammal species.

The mRNA sequence of *F. ansellii* was obtained from RNA-seq and subsequently translated, other sequences were retrieved from NCBI databases with the following accession numbers: *Heterocephalus glaber* (XP_004873534), *Cavia porcellus* (XP_003465226), *Octodon degus* (XP_004646953), *Mus musculus* (NP_444478), *Rattus norvegicus* (Q63008), *Otolemur garnettii* (XP_003796602), *Macaca mulatta* (EHH29802), *Pan troglodytes* (XP_524154), *Homo sapiens* (NP_000444), *Canis lupus* (XP_541946), *Sus scrofa* (NP_999575), *Orcinus orca* (XP_004277608).