



Supplementary Figure 3. Alignment of predicted amino acid sequences of STRA8 homologs identified electronically. We used the mouse *Stra8* cDNA sequence to search publicly available genomic and EST sequence databases for homologs in other species. We identified putative orthologs of mouse *Stra8* in nine other vertebrate species: rat, human, chimpanzee, dog, cow, rabbit, opossum, chicken, and rainbow trout. We reconstructed full-length coding sequences and thereby predicted amino acid sequences in the species shown here; the box denotes a putative helix-loop-helix domain. We failed to identify *Stra8* orthologs in any invertebrate or in the following vertebrates, all with much genomic sequence publicly available: pufferfish, zebrafish, Medaka and Xenopus.