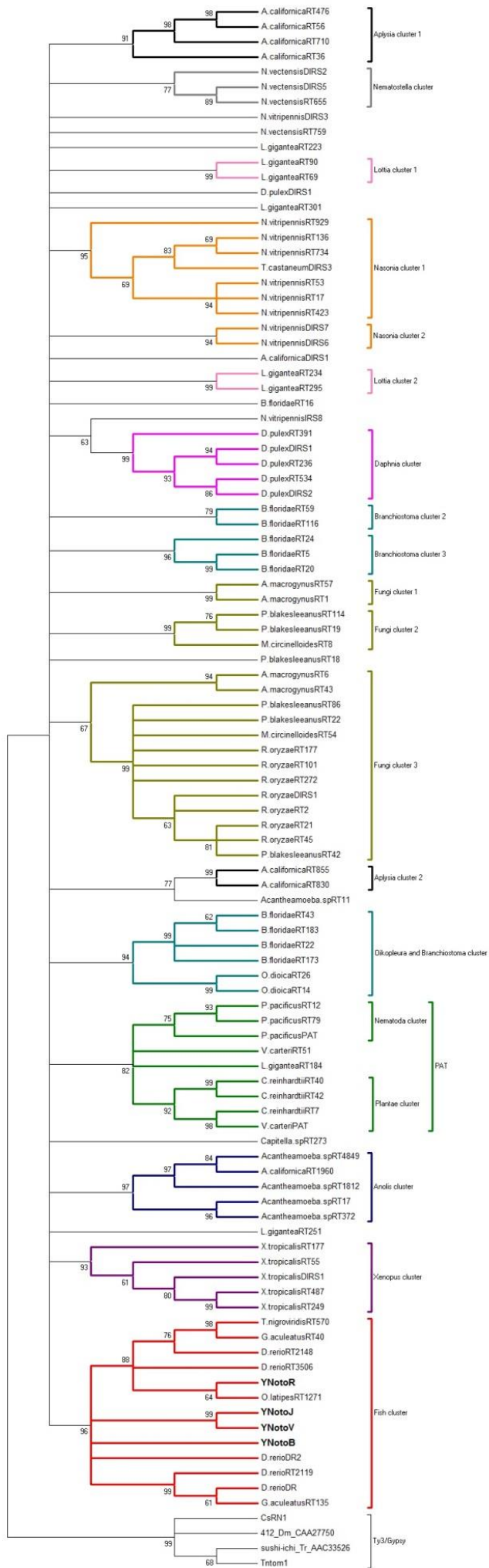




Additional file 3: NJ bootstrap consensus tree for *DIRS1* based on the RT/RH amino acid sequences.

Complement of Figure 1. The four families identified in nototheniid genomes (**bold font**) group with the other bony fish *DIRS1* sequences: *Tetraodon nigroviridis*, *Gasterosteus aculeatus*, *Danio rerio*, *Oryzias latipes*. Distances were calculated with the JTT model and a gamma distribution correction for amino acid. Support for individual clusters was evaluated using non-parametric bootstrapping with 1 000 replicates. Only bootstraps over 60 are presented. Nodes with bootstraps <60% were collapsed.