

The evolutionary strata of DARPP-32 tail implicates hierarchical functional expansion in higher vertebrates

CHOONG YONG UNG and TEOW CHONG TEOH

J. Biosci. 39(3), June 2014, 493–504, © Indian Academy of Sciences

Supplementary material

Supplementary data 1. Protein sequences of PPP1R1 family from 39 vertebrate species in FASTA format

Supplementary data 2. Multiple sequence alignment results from MAFFT for PPP1R1 proteins in FASTA format

Supplementary data 3. Multiple sequence alignment results from ClustalW for PPP1R1 proteins in FASTA format

Supplementary data 4. Synteny and chromosomal loci for DARPP-32 (PPP1R1B) and its neighboring genes

Supplementary figure 1. Species tree for 39 vertebrate species generated from the Common Tree in NCBI Taxonomy Browser

Supplementary table 1. ENSEMBL accession numbers for *PPP1R1* gene family across 39 vertebrate species

Supplementary table 2. Full list of predicted phosphorylation sites on human DARPP-32 by GPS 2.1.2