



S1 Fig. Evolutionary conservation (on nucleotide and amino acid level) for the positions of detected variants.

(A) *RAI1* (retinoic acid induced gene 1), chr17:17701516: c.5254G>A (p.Gly1752Arg). Other amino acids (but never arginine) can present in corresponding position in some organisms: Zebra Finch, Tibetan Ground Jay, Rock pigeon, American Alligator, Lizard, Big brown bat, Microbat, David's myotis and some others (data not shown).

(B) *OTOF* (otoferlin), chr2: 26707436: c.1111C>G (p.Gly371Arg). (C) *SLC26A4* (pendrin), chr7: 107350577: c.2168A>G (p.His723Arg).

(100 vertebrate multiple alignment hosted by UCSC genome browser: <https://genome.ucsc.edu>).