

Table S1. Zebrafish G-protein β -subunit genes

G β subunit	Accession number		Chromosome	Homology to human G β subunit	
	Nucleotide	Protein		% identity	% similarity
gnb1a	NM_212609	NP_997774	8	98	99
gnb1b	NM_213481	NP_998646	6	97	98
gnb2	NM_001013497	NP_001013515	5	94	97
gnb3a	NM_213202	NP_998367	19	67	83
gnb3b	NM_001002437	NP_001002437	16	79	88
gnb4a	XM_680845	XP_685937	2	92	97
gnb4b	NM_001007452	NP_001007453	11	90	96
gnb5a	NM_200746	NP_957040	18	89	96
gnb5b	NM_001080181	NP_001073650	25	91	96

Nine zebrafish G-protein β -subunit genes corresponding to the five human isoforms were identified. The table provides the accession numbers for the nucleotide and protein sequences, the chromosome on which they are located, and the levels of conservation with their human counterparts.