

Amplification primers	Sequence	Sequencing primers	Sequence
PCDH8-F5	CCTTAGCCTTTCGGATCGCACT	P8SEQF1B	ATGAGTCCTGTGAGGCGT
PCDH8-R5	CTCGCGTCTGCAGCTCCA	P8SEQR2	AAGGCCAGCACGCACTGCG
		P8SEQF2	CGCAGTGCCTGCTGGCCTT
		P8SEQF0	AGCCTTTCGGATCGCACT
		P8SEQR0	CTGTGCGGCTCGGCCAG
PCDH8-F6C	TTTCGCGTGGAGCTGCAGAC	P8SEQF12	GACGCGAGCGGACGGCG
PCDH8-R6D	TTGTCGTTCTCGTCGCCAC	P8SEQF4	CGCGATCAGGCCGCT
		P8SEQF5	TGCCACTTCGCTGGTGCC
PCDH8-BKUP3F	GTGCGCTGCGCCCTCTATG	P8SEQF13	GCCCTCTATGGGCACGAG
PCDH8-BKUP3R	CTGTTACCACGAAGCTGACA	P8SEQF6	CCGGTCTATGAGGTGTCG
		P8SEQF7	CTGGACCAGAACGACCATGC
		P8SEQR8	ACAGTTGCGGTGGTGGT
PCDH8-F4	CAGGAGCCGCGCGAAG	PCDH8-F4	CAGGAGCCGCGCGAAG
PCDH8-R4	CTGCAGCAGGGAATAGGG	P8SEQF14	GAAGCCTTCGCCATCGGCCG
		PCDH8-R4	CTGCAGCAGGGAATAGGG
		P8SEQR11	CGGGAGCCGAGGCTCCGCC
PCDH8-X2F	GGTAGGGTGGGTGCATTCAGGTAG	13-50F	GTAGACAACCTGTGCACTT
PCDH8-X2R	GCGGGAAAGAAGAGTCCTCACCAC	P8SEQX2R	CTCACCCTCTGCATGTGGT
PCDH8-X3F	CTGACCCAGGCTGACATGCTGAAG	P8SEQX3F	GGAAGCCTGAATATGTATAA
PCDH8-X3R	TTAGGGGCTTCTCGGAGTGACCTG	P8R2C	CGGAGTGACCTGTATATGTG

**Table S3. Catalogue of PCDH8 PCR amplification and sequencing primers.**