Supplementary Table 4: Details on genes, forward and reverse primer sequences and primer concentrations relevant for qPCR experimentation.

Gene	Forward primer sequence (5′-3′)	Reverse primer sequence (5′-3′)	Primer concentration (μM)	Primer source
Cacna1d	CTACCGTTGCACAGATGAAGCC	TCACGGACCACAGGACTGTCAA	0.125	OriGene (https://www.origene.com/)
Cacna1c	CGTTCTCATCCTGCTCAACACC	GAGCTTCAGGATCATCTCCACTG	0.125	OriGene (https://www.origene.com/)
Plcd4	TCTCGCGCAATATGCCTTCCAG	ATCTCGGTCAGATGGTGTGCCA	0.25	OriGene (https://www.origene.com/)
Casp8	ATGGCTACGGTGAAGAACTGCG	TAGTTCACGCCAGTCAGGATGC	0.25	OriGene (https://www.origene.com/)
Chrm1	GCACAGGCACCCACCAAGCAG	AGAGCAGCAGCAGGCGGAACG	0.25	Wei J et al., 1994
Chrm3	GTCTGGCTTGGGTCATCTCCT	GCTGCTGCTGTGGTCTTGGTC	0.25	Wei J et al., 1994
Chrm5	TGGTCATCCTCCCGTAGAAGCA	GCTACAGTTGGTAACCTGCTCAG	0.25	OriGene (https://www.origene.com/)
Siglech	TGGAACCAACCTCACCTGTCAG	CCAACTCTTCCAGAGACATGGG	0.25	OriGene (https://www.origene.com/)
Ptpn6	TTGGCAGGAGAACACTCGTGTC	TGCTCCCTACTGTTGGTCACAG	0.5	OriGene (https://www.origene.com/)
Laptm5	GCGGTAAAGTGTCCTGTAGGTTC	TCTTGACCACGCCGAACAGCAG	0.5	OriGene (https://www.origene.com/)
Plek	GGAGCAGTTCACTTGAGAGGCT	TGGAAGTGGCTGCCTGCAAGTA	0.25	OriGene (https://www.origene.com/)

Arpp21	GGAGTCAGCAAATACCACAGACC	CTCCTTGCTGACTGCTCATCAC	0.25	OriGene (https://www.origene.com/)
Shisa9	CTGCAACACTGACCACATGGAG	ATCTGCTGGAGCAGAGGAGAAG	0.5	OriGene (https://www.origene.com/)
Hprt	GCTGGTGAAAAGGACCTCT	CACAGGACTAGAACACCTGC	0.25	Weiergräber M et al., 2005

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