Gene name	Forward primer	Reverse primer	Size/Genomic	%GC	Tm	Correlation coefficient	ΔCt average	STDEV
Gpr50	TGGCTGTGACCAAGAACAAG	GTGACCAACCCGACCATC	172/2694 bp	50-61	63	0.982	3.625	1.67
Nogo-pan	TTGGCCCTGCTCTCTGTG	CCAATTCCTCTGATATGGCAAC	130/2649bp	45-61	63	0.992	12.403	0.77
Nogo-A	GGCTCGGGCTCAGTGG	CAGGACAGATGGGAAATCCTC	147/12806 bp	52-75	60	0.989	11.781	0.80
Cdh8	TGAGCCGCTCCAAAAGAG	TTGTGCCAGCTCCATCAC	156/121,178bp	56	63	0.989	9.153	1.03
Abca2	TTCATCCCGCTTGTCCTC	ATCAGGGCAAAGCGACTG	141/1148 bp	56	63	0.990	6.293	2.06
Control genes								
Actin-B	GATCTGGCACCACACCTTCTAC	TGGATGGCTACGTACATGGCTG	159/613bp	55	55	1.00	17.458	0.86
Tbp	GCCAGACCCCACAACTC	ACAGCCAAGATTCACGGTAG	182/2877 bp	50-64	60	0.991	8.115	1.12
Hmbs	CTGAAGGATGTGCCTACCATAC	AAGGTTTCCAGGGTCTTTCC	122/1084 bp	50	63	0.999	8.491	0.82
Cyclophilin	GGAGATGGCACAGGAGGAAA	CCCGTAGTGCTTCAGCTTGAA	75 bp/-	55-52	65	0.998	12.341	0.81

Supplementary Table 1. Primers and parameters used in this study. Shown are primer name, sequence of forward and reverse primer, cDNA/genomic DNA size (bp), GC%, Tmelt, calculated correlation coefficient from optimized primers, Average Ct value and Standard deviation from the average Ct value.