

Supplementary table 1. Primer sequences used in qPCR/semiquantitative PCR

Gene		Sequence (5' → 3')	Size	Location	T _m (°C)
<i>Bdnf</i>	L	AGTCTCCAGGACAGCAAAGC	189	exon 1	63.6
	R	ATTCACGCTCTCCAGAGTCC		exon 2	63.4
<i>Pik3r1</i>	L	TGGCTGGGGAATGAAAATAC	179	exon 8	63.5
	R	CAGCCCTGCTTACTGTCTC		exon 9	64.2
<i>Ncf1</i>	L	ATACTTCAACGGCCTCATGG	233	exon 4	59.96
	R	CTGTTCCCGAACTCTTCTCG		exon 6	59.98
<i>Ncf2</i>	L	CCGACAAGAAGGACTGGAAG	219	exon 1	59.84
	R	CAAGGTCGTA CTCTCCATTCTG		exon 2-3	60.17
<i>Rac2</i>	L	AACGCCTTCCCTGGAGAATA	150	exon 2	60.95
	R	TGTCTGTGGGTAGGAGAGTGG		exon 3	60.16
<i>Cyba</i>	L	AGATCGAGTGGGCCATGT	102	exon 1	59
	R	ACCACTGTGTGAAACGTCCA		exon 2	60
<i>Nos3</i>	L	TCCTGTGCATGGATGAGTATG	157	exon 13	63.6
	R	CTAGGGGAGCTGTTGTACGG		exon 14	63.5
<i>Hsp90</i>	L	GGAGGAGAGCAAGGCAAAGT	161	exon 9	64.7
	R	TCATGATCCGTTCCATGTTG		exon 10	64.5
<i>Cav1</i>	L	GCAGACGAGGTGACTGAGAA	184	exon 3	63.6
	R	CAGTGAAGGTGGTGAAGCTG		exon 4	63.6
<i>Cacna1c</i>	L	CAGGAAGATGAACACCGACA	164	exon 44	63.8
	R	TGAGAGATGTCTCCCCCTTG		exon 45	64.3
<i>Atp2a2</i>	L	TTCCGTTACCTGGCTATTGG	153	exon 16	63.6
	R	TCCATCGAAGTCTGGGTGT		exon 18	64.5
<i>Nqo1</i>	L	GGCTGGTTTGAGAGAGTGCT	180	exon 4	63.6
	R	ACTCTGAATCGGCCAGAGAA		exon 6	63.9
<i>Limk1</i>	L	CCTACCTCCATTGATGAACA	262	exon 12	63.81
	R	CCAAAGGAAAACACGTCCA		exon 14	64.35
<i>Rps28</i>	L	TAGGGTAACCAAAGTCTGGG	103	exon 1-2	67.9
	R	GACATTTCCGGATGATAGACGG		exon 3	66.6