ESM Table 1. Primer sequences used for qRT-PCR.

Gene	Primer	Product size (bp)	Reference Number
α1 (*GABRA1*)	F: GGATTGGGAGAGCGTGTAACC R: TGAAACGGGTCCGAAACTG	66	NM_000806
α2 (*GABRA2*)	F: GTTCAAGCTGAATGCCCAAT R: ACCTAGAGCCATCAGGAGCA	160	NM_000807
α3 (*GABRA3*)	F: CAACTTGTTTCAGTTCATTCATCCTT R: CTTGTTTGTGTGATTATCATCTTCTTAGG	102	NM_000808
α4 (*GABRA4*)	F: TTGGGGGTCCTGTTACAGAAG R: TCTGCCTGAAGAACACATCCA	105	NM_000809
α5 (*GABRA5*)	F: CTTCTCGGCGCTGATAGAGT R: CGCTTTTTCTTGATCTTGGC	105	NM_000810
α6 (*GABRA6*)	F: ACCCACAGTGACAATATCAAAAGC R: GGAGTCAGGATGCAAAACAATCT	67	NM_000811
β1(GABRB1)	F: GTACAAAATCGAGAGAGTCTGGG R: GCG AAT GTC ATA TCC TTT GAG CA	144	NM_000812
β2(*GABRB2*)	F: GCAGAGTGTCAATGACCCTAGT R: TGGCAATGTCAATGTTCATCCC	137	NM_021911
β3(*GABRB3*)	F: CAAGCTGTTGAAAGGCTACGA R: ACTTCGGAAACCATGTCGATG	108	NM_000814
γ1(*GABRG1*)	F: CCTTTTCTTCTGCGGAGTCAA R: CATCTGCCTTATCAACACAGTTTCC	91	NM_173536
γ2(*GABRG2*)	F: CACAGAAAATGACGGTGTGG R: TCACCCTCAGGAACTTTTGG	136	NM_000816
γ3(*GABRG3*)	F: AACCAACCACCACGAAGAAGA R: CCTCATGTCCAGGAGGGAAT	113	NM_033223
δ (*GABRD*)	F: ACCACGGAGCTGATGAACTT R: AGGGCATGTAGGATTGGATG	109	NM_000815
ε (*GABRE*)	F: TGGATTCTCACTCTTGCCCTCTA R: GGAGTTCTTCTCATTGATTTCAAGCT	107	NM_004961
θ (*GABRQ*)	F: CCAGGGTGACAATTGGCTTAA R: CCCGCAGATGTGAGTCGAT	63	NM_018558
π (*GABRP*)	F: GGCCTTGCTAGAATATGCAGTTG R: CTTTGTTGTCCCCCTATCTTTGG	76	NM_014211
ρ1(*GABRR1*)	Hs00266687_m1 from AppliedBiosystem	94	NM_002042
ρ2 (*GABRR2*)	F: CCTAGAAGAGGGCATAGACATCG R: TCCAGTAGCTGCTGCATTGTTTG	99	NM_002043
ρ3 (*GABRR3*)	F: TGATGCTTTCATGGGTTTCA R: CGCTCACAGCAGTGATGATT	111	NM_001105580
GABArap *(GABARAP)*	F: AGGCTCCCAAAGCTCGGATA R: AATTCGCTTCCGGATCAAGA	100	NM_007278
Gephyrin (*GPHN*)	F: TGATCCTTACTAACCACGACCA R: TTTATCCCACTGCGGTCTTC	97	NM_020806
Hap1 (*HAP1*)	F: GAGGCCTCTCAACTCGACAC R: CTGCTCCACACACTCCAGAA	66	NM_003949
Radixin (*RDX*)	F: TGGAACGTCTAAAACAAATTGAAG	106	NM_002906

	R: TTTGCTCGTTTTCGTTCTTG		
GAT1 (*SLC6A1*)	F: GGGAGCTACAACTCTTTCCACAAC	66	NM_003042.2
	R: CGAATTGATGCAGCAGACGAT		
GAT2 (*SLC6A13*)	F: TCTGTGTGGCTTGGGTTTACG	66	NM_016615.2
	R: TGTACCCAATCATGTCTTCGATGT		
GAT3 (*SLC6A11*)	F: ATGCCACCTCCCCTGTCAT	67	NM_014229.1
	R: TGCTCGATCCCGTCAGAGAT		
BGT1 (*SLC6A12*)	F: ACGACCTGCAACAACTTTTGG	62	NM_003044.2
	R: GCTCCTGAGTGGTTCAGAAAGTC		
GABBR1	F: TGGCATGGACGCTTATCGA	78	NM_001470.2
	R: GATCATCCTTGGTGCTGTCATAGT		
GABBR2	F: CTGGTATTCGTGCCGAAGCT	76	NM_005458.6
	R: TGAACTGGAATCGCCTGTTCT		
GAD65 (*GAD2*)	F: CTACGCGTTTCTCCATGCAA	63	NM_000818
	R: GCCAAAGTGGGCCTTTCTC		
GAD67 (*GAD1*)	F: CACCAGTTGCTGGAAGGCAT	124	NM_000817
	R: GAGGATGACCTGTGCGAACC		
NKCC1(*SLC12A2*)	F: ATCAATTTTTCAGTATTCCATGCATC	51	NM_001046
	R: ACGCCATCCTGGAGATTTTG		
KCC2 (*SLC12A5*)	F: CAAGGGTCCAACTTTTCCTG	152	NM_001134771
	R: GCCTCTCGGTTTCTTCCTCT		
β-actin (*ACTB*)	F: CCTGGCACCCAGCACAAT	144	NM_001101.2
	R: GGGCCGGACTCGTCATACT		