

**Supplementary Table S9.** Primer sequences, GenBank accession number, optimal annealing temperature, and length of the amplicon of genes as assayed in RT-qPCR.

Genes	GenBank No.	Primer Sequences (5' to 3')		Size (bps)	Ta (°C)
		Sense	Antisense		
<i>GRIK1</i>	NM_000830	ACCCTGATGCCTAACACCAC	AAGAGAGCAGCCACACCAAG	116	60
<i>GRIK2</i>	NM_021956	GATTCAGGTTTGCTGGATGG	TCATCTGGGGAAACTGTTGA	100	60
<i>GRIK3</i>	NM_000831	CGGAGTCTGGTTTGGGAATA	CGTCCGCATACTCGAAGATT	115	60
<i>GRIK4</i>	NM_014619	AGGAATGGTTTTCGGCAGAT	ACCAGGGTGGTGTGAAGAG	110	60
<i>GRIK5</i>	NM_002088	TGCCAGGTGCTCTCATCACT	CTCGATGATCCCGTTGATCT	117	60
<i>GRIA2</i>	NM_000826	GCTGAAAAACAAATGGTGGT	CCCCGACAAGGATGTAGAAT	122	60
<i>GRIA4</i>	NM_000829	CAATGCTGGTGGCTTTGATA	TTCTCTCCCACTCCCAGT	127	60
<i>GABRB3</i>	NM_000814	AAGGCAGAAGAAGCTTGCAG	CTTCCAGCGATGTCAACAGA	110	60
<i>GRM8</i>	NM_000845	CCACCTGCATCATTTGGTTA	TGCCCAGAGATACTGAAGCA	129	60
<i>KCNJ3</i>	NM_002239	CGAAGCATGCAAACCTGAACA	AAAACGATGACCCCAAAGAA	126	60

Ta, optimal annealing temperature