

Table SI. Rat oligonucleotide primers and PCR annealing temperature used in RT-qPCR.

Genes	Forward primer	Reverse primer	Product (bp)	Annealing
<i>MR</i>	TGCATGATCTCGTGAGTGA	AAGTTCTTCCTGGCCGGTAT	190	63°C, 20 sec
<i>GR</i>	CACCCATGACCCTGTCAGTC	AAAGCCTCCCTCTGCTAACC	156	60°C, 20 sec
<i>CREB</i>	AGCAGATTCTAGTGCCCAGC	GGACGCCATAACAACCTCCAG	119	60°C, 30 sec
<i>BDNF</i>	AGCCTCCTCTGCTCTTTCTG	ATGGGATTACACTTGGTCTCG	259	59°C, 30 sec
<i>TrkB</i>	CCTCGTTGGAGAAGATCAAG	CGTGGTACTCCGTGTGATTG	221	60°C, 30 sec
<i>GAPDH</i>	TAAAGAACAGGCTCTTAGCACA	AGTCTTGGAAATGGATTGTCTC	107	59°C, 15 sec

MR, Mineralocorticoids receptor; GR, glucocorticoids receptor; BDNF, brain-derived neurotrophic factor; CREB, cAMP responsive element binding protein; TrkB, tropomyosin-related kinase B; GAPDH, glyceraldehyde 3-phosphate dehydrogenase.

Table SII. Rat primers of target genes in GenomeLab GeXP Genetic Analysis system.

Genes	Forward primer	Reverse primer
<i>MR</i>	GAAGTGGGCCAAGGTA CTTC	CAACTCAAAGCGAACGATGA
<i>GR</i>	CACCCATGATCCTGTCAGTC	AAAGCCTCCCTCTGCTAACC
<i>CREB</i>	AGCAGATTCTAGTGCCCAGC	GGACGCCATAACA ACTCCAG
<i>BDNF</i>	TGTTGGGGAGACGAGATTTT	TCATGCAACCGAAGTATGAAA
<i>TrkB</i>	CCTCGTTGGAGAAGATCAAG	CGTGGTACTCCGTGTGATTG
<i>NR1</i>	CAATAAGCGACACGGCTCTT	GCGGGTGGCTAACTAGGATA
<i>NR2A</i>	GATGACAACCACCTCAGCATT	CATCCCTTCGTTGGTTGAAT
<i>NR2B</i>	CAATGTCAC TTTTGAAGGGAGA	TCCGAGGCCACACATAACT
<i>GluA 2</i>	ATGGTGTCTCCCATCGAAAG	CCTCACA AACACAGAGGGCT
<i>GAPDH</i>	GGCACAGTCAAGGCTGAGAATG	ATGGTGGTGAAGACGCCAGTA
<i>Syn 1</i>	TCAGCAGCAC AACATACCCT	TGGACACGCACATCGTATTT
<i>SNAP25</i>	TCCGTCATATGGCCCTAGAC	TCTCTTGTCCAACAACATTGG
<i>CyclinA</i>	TTGGTAGCAGCAGCAGCTTA	GAGGGACACGTGCAGGTACT
<i>RhoA</i>	TGTGTTTTTCCATCGACAGC	GTACCCAAAAGCGCCAATC
<i>Rac1</i>	TGTGAGTCCTGCATCATTGA	TCGCTGTGTGAGTGCTGAG
<i>Cdc42</i>	AGTATGTGGAGTGTTCGGCC	GGTAGGTGCAGGTCGTCTGT
<i>Cdk2</i>	GGAGCTCAATCACCC TAACATC	GACCCCTCTGCGTTGATAAG
<i>Caspase 8</i>	GTAAACTTTGGCGGACTG	AGCCTCTGAAATAGCACC
<i>bcl-2</i>	GTGGCCTTCTTTGAGTTCGG	AGGTATGCACCCAGAGTGATG
<i>Tubb3</i>	TCTAGCCGAGTGAAGTCAGCA	GGCCTGAATAGGTGTCCAAAG

MR, Mineralocorticoids receptors; GR, glucocorticoids receptor; CREB, cAMP responsive element binding protein; BDNF, brain-derived neurotrophic factor; TrkB, tropomyosin-related kinase B; NR1, glutamate receptor, ionotropic, N-methyl D-aspartate 1; NR2A, glutamate receptor, ionotropic, N-methyl D-aspartate 2A; NR2B, glutamate receptor, ionotropic, N-methyl D-aspartate 2B; GluA 2, glutamate receptor, ionotropic, AMPA 2; GAPDH, glyceraldehyde 3-phosphate dehydrogenase; Syn 1, synapsin I, transcript variant a; SNAP25, synaptosomal-associated protein 25; CyclinA, cell cycle protein A; RhoA, ras homolog gene family, member A; Rac1, ras-related C3 botulinum toxin substrate; Cdc42, cell division cycle 42; Cdk2, cyclin dependent kinase 2; Caspase 8, cysteine-aspartic acid protease 8; bcl-2, B-cell CLL/lymphoma 2; Tubb3, *Rattus norvegicus* tubulin, beta 3.