**Supplementary information**

**Table S1**. Characteristics of gene-specific real-time qPCR primers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene Symbol** | **Gene Name** | **Accession No.1** | **Primer Sequence** | **Amplicon size2** |
|  | **Reference genes** |  |  |  |
| *18s rRNA* | 18s subunit ribosomal RNA | M11188 | (+) acggaccagagcgaaagcat  (-) tgtcaatcctgtccgtgtcc | 310 |
| *Actb* | Beta-actin | NM\_031144 | (+) tgtcaccaactgggacgata  (-) ggggtgttgaaggtctcaaa | 165 |
| *CycA* | Cyclophilin A | XM\_345810 | (+) agcactggggagaaaggatt  (-) agccactcagtcttggcagt | 248 |
| *Gapdh* | Glyceraldehyde-3-phosphate dehydrogenase | NM\_017008.4 | (+)cttctcttgtgacaaagtggacat  (-) cgggatctcgctcctggaag | 168 |
| *Hmbs* | Hydroxy-methylbilane synthase | NM\_013168 | (+) tcctggctttaccattggag  (-) tgaattccaggtgagggaac | 176 |
| *Hprt1* | Hypoxanthine guanine phosphoribosyl transferase 1 | NM\_012583 | (+) gcagactttgctttccttgg  (-) cgagaggtccttttcaccag | 81 |
| *Rpl13A* | Ribosomal protein L13A | NM\_173340 | (+) acaagaaaaagcggatggtg  (-) ttccggtaatggatctttgc | 167 |
| *Ywhaz* | Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta | BC\_094305 | (+) ttgagcagaagacggaaggt  (-) gaagcattggggatcaagaa | 136 |
|  |  |  |  |  |
|  | **Target genes** |  |  |  |
| *Bdnf* | Brain-derived neurotrophic factor | NM\_001270630.1 | (+) gaaagtcccggtatcaaaag  (-) cgccagccaattctctttttg | 183 |
| *Crh-r1* | Corticotropin releasing hormone receptor 1 | NM\_030999 | (+) tgcctttttctacggtgtcc  (-) tgcagtgacccaggtagttg | 179 |
| *Crh-r2* | Corticotropin releasing hormone receptor 2 | NM\_022174 | (+) ggagccctagtggagagacc  (-) agtggcccaggtagttgatg | 205 |
| *Gr* | Glucocorticoid receptor | NM\_012576.2 | (+) ggccggtcagtgttttctaa  (-) caatcgtttcttccagcaca | 233 |
| *Mr* | Mineralocorticoid receptor | NM\_013131.1 | (+) tgagttccttcccacctgtc  (-) aagcctcatctccacacacc | 192 |
| *11β-hsd1* | Hydroxysteroid 11-beta dehydrogenase 1 | NM\_017080.2 | (+) ctctctgtgtcctcggcttc  (-) ttccatgatcctccttcctg | 200 |

1 Genbank accession number of cDNA and corresponding gene, available at http://www.ncbi.nlm.nih.gov/.

2 Amplicon length in base pairs.