**Table S3: Targets and primers**

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| Target |  | Primer sequence |
| adenosine deaminase | ADA | F = GGTGGTGGAGCTGTGTAAGAAGTAC |
| R = CTTCCTGGGATGGTCTCATCTC |
| P = CAGCAGACCGTGGTAGCCATTGACCT  |
| beta-arrestin 1 | ARRB1 | F = AGACACGAACTTGGCCTCTAGC |
| R = TTGTAGGAAACAATGATCCCCAG |
| P = TTGAGGGAAGGTGCCAACCGTGAGAT |
| beta-arrestin 2 | ARRB2 | F = TCTTCCATGCTCCGTCACAC |
| R = CGAATCTCAAAGTCTACGCCG |
| P = AGCCAGGCCCAGAGGATACAGGAAA |
| CD8 alpha | CD8A | F = TTCCGCCGAGAGAACGAG |
| R = AAGACCGGCACGAAGTGG |
| P = TCGGCCCTGAGCAACTCCATCATGTA |
| CD8 beta | CD8B | F = TGACAGTCACCACGAGTTCCTG |
| R = TCTCCTGTTCCACCTCTTCACC |
| P = CTCTGGGATTCCGCAAAAGGGACTAT |
| cAMP responsive element binding protein 1 | CREB1 | F = CTGGCTAACAATGGTACCGATG |
| R = GTGGTCTGTGCATACTGTAGAATGG |
| P = CATGACCAATGCAGCAGCCACTCA |
| cAMP responsive element binding protein 2 | CREB2 | F = CACGTTGGATGACACTTGTGATC |
| R = CTGGGAGATGGCCAATTGG |
| P = ACTAATAAGCAGCCCCCCCAGACGGT |
| dipeptidyl peptidase IV | DPP4 | F = GTGTCATTCAGTAAAGAGGCGAAG |
| R = CTCAGCCCTTTATCATTCACGC |
| P = TTCCGGTCCTGGTCTGCCCCTCTATA |
| extracellular signal-regulated kinase 1 | ERK1 | F = TGACGGAGTATGTGGCTACGC |
| R = CCACAGACCAGATGTCGATGG |
| P = CTGGTACCGGGCCCCAGAGATCAT |
| extracellular signal-regulated kinase 2 | ERK2 | F = TAACGTTCTGCACCGTGACC |
| R = CAGGCCAAAGTCACAGATCTTG |
| P = ACCTGCTGCTCAACACCACCTGTGAT |
| guanine nucleotide binding protein alpha i2 | GNAI2 | F = AGGCGTGCTCCCTGATGAC |
| R = GCTCCAGGTCGTTCAGGTAGTAG |
| P = AGGCCTGCTTTGGCCGCTCAA |
| guanine nucleotide binding protein alpha s (long) | GNAS | F = GACTATGTGCCGAGCGATCAG |
| R = GTCCACCTGGAACTTGGTCTCA |
| P = CTGCTTCGCTGCCGTGTCCTGA |
|  |
| alpha-glucocorticoid receptor | NR3C1 | F = TCCCTGGTCGAACAGTTTTTTC |
| R = TTTGGGAGGTGGTCCTGTTG |
| P = TGTAAGCTCTCCTCCATCCAGCTCCTCAA |
| interleukin 1, beta | IL1B |  |
| F = GATGGCCCTAAACAGATGAAGTG |
| R = CCTGAAGCCCTTGCTGTAGTG |
| P = ATGGCGGCATCCAGCTACGAATCTC |
| interleukin 6 | IL6 |  |
| F = AGCCACTCACCTCTTCAGAACG |
| R = CATGTCTCCTTTCTCAGGGCTG |
| P = CAAATTCGGTACATCCTCGACGGCAT  |
| interleukin 8 | IL8 |  |
| F = CTGCTAGCCAGGATCCACAAG |
| R = CTGTGAGGTAAGATGGTGGCTAATAC  |
| P = CTTGTTCCACTGTGCCTTGGTTTCTCCTT  |
| indoleamine-pyrrole 2,3 dioxygenase | IDO1 |  |
| F = GCTTCGAGAAAGAGTTGAGAAGTTAAAC |
| R = GACCTTTGCCCCACACATATG |
| P = CTCACAGACCACAAGTCACAGCGCCTT |
| p38 mitogen activated protein kinase 14 | MAPK14 |  |
| F = CGGCAGGAGCTGAACAAGAC |
| R = AGCAGCACACACAGAGCCATAG  |
| P = CCGAGCGTTACCAGAACCTGTCTCCA |
| mitogen-activated protein kinase 8  | MAPK8 |  |
| F = CCAACACCCGTACATCAATGTC |
| R = CACTCTTCTATTGTGTGTTCCCTTTC |
| P = CACCACCAAAGATCCCTGACAAGCAGTT |
| map kinase phosphatase 1 | DUSP1 |  |
| F = GCCAGGCAGGCATTTCC |
| R = ATGCTTCGCCTCTGCTTCAC |
| P = TCAGCCACCATCTGCCTTGCTTACCTT |
| mineralocorticoid receptor | NR3C2 |  |
| F = AGCCCAGAGGAAGGGACAAC |
| R = TGTGAGCGCTCGTGAGATTG |
| P = CTCCTGCAAAAGAACCCTCGGTCAACA |
| ornithine decarboxylase 1 | ODC1 |  |
| F = CCATGTAGGAAGCGGCTGTAC |
| R = TCAGCCCCCATGTCAAAAAC |
| P = ATCCTGAGACCTTCGTGCAGGCAATCT |
| purinergic receptor P2X7 | P2RX7 |  |
| F = GCTGTCGCTCCCATATTTATCC |
| R = CACAATGGACTCGCACTTCTTC |
| P = CTGTCAGCCCTGTGTGGTCAACGAATAC  |
| benzodiazapine receptor (peripheral-type) | TSPO |  |
| F = CTGGTCTGGAAAGAGCTGGG |
| R = CAGCAGGAGATCCACCAAGG |
| P = CCCCATCTTCTTTGGTGCCCGAC |
| prolyl endopeptidase | PREP |  |
| F = GGGAATATGACTACGTGACCAATG |
| R = GGATCCCTGAAGTCAATGTTGATC |
| P = CATTCAAGACGAATCGCCAGTCTCCC |
| regulator of G-protein signaling 2 | RGS2 |  |
| F = GATTGGAAGACCCGTTTGAGC |
| R = CAGGAGAAGGCTTGATGAAAGC  |
| P = CTGGGAAGCCCAAAACCGGCAA |
| S100 calcium binding protein A10 (p11) | S100A10 |  |
| F = AGGAGTTCCCTGGATTTTTGG |
| R = GCCCACTTTGCCATCTCTACAC |
| P = CAAAAAGACCCTCTGGCTGTGGACAAAA |
| serotonin transporter | SLC6A4 |  |
| F = CATGGCTGAGATGAGGAATGAAG |
| R = GCTGGCATGTTGGCTATCG |
| P =ACGCAGGTCCCAGCCTCCTCTTCAT |
| vesicle monoamine transporter 2 | SLC18A2 |  |
| F = TGGATTCGTCAATGATGCCTATC  |
| R = ATGCCACATCCGCAATGG |
| P = AGACCTGCGGCACGTGTCCGTCTA |
| beta-2-microglobulin | B2M | F= CATCCAGCAGAGAATGGAAAGTC |
| R= TTCTCTCTCCATTCTTCAGTAAGTCAAC |
| P= TGTGTCTGGGTTTCATCCATCCGACATT |
| glyceraldehyde-3-phosphate dehydrogenase | GAPDH | F= CTGCCCCCTCTGCTGATG |
| R= GCTGATGATCTTGAGGCTGTTG |
| P= TTCGTCATGGGTGTGAACCATGAGAAGT |
| peptidylpropyl isomerase A (cyclophilin A) | PPIA | F= TCAAACTGAAGCACTACGGGC |
| R= CATGCTTGCCATCTAGCCAG |
| P= AAAGACACCAACGGCTCCCAGTTCTTCA |
| ribosomal protein, large, P0 | RPLP0 | F= GAGTGATGTGCAGCTGATCAAGAC |
| R= ATGACCAGCCCAAAGGAGAAG |
| P= AAGCCACGCTGCTGAACATGCTCAA |
| ribosomal protein L13a | RPL13A | F= CCTGGAGGAGAAGAGGAAAGAGA |
| R= TTGAGGACCTCTGTGTATTTGTCAA |
| P= CCACTACCGGAAGAAGAAACAGCTCATGAG |
| TATA box binding protein (transcription factor IID) | TBP | F= GCTGCGGTAATCATGAGGATAAG |
| R= CTCCTGTGCACACCATTTTCC |
| P= AGCCACGAACCACGGCACTGATTTT |
| ubiquitin C | UBC | F= GATTTGGGTCGCAGTTCTTG |
| R= TGCCTTGACATTCTCGATGGT |
| P= ATCGCTGTGATCGTCACTTGACAAT |
| † F = Forward primer; R=Reverse primer; P = Probe ; all sequences shown in 5' to 3' orientation |