**Supplementary Table 1. Gene specific primers.**

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| Accession number | Quantitative PCR (5´-3´) | |
| Primers | Product size | Sequence (5’🡪3’) |
| 5-HT1A\_Forward (RPRC010931) | 212 | CACACCGTCCAATGTGAGTC |
| 5-HT1A\_Reverse R |  | ATGGCAACCAACAGACAACA |
| 5-HT1B\_Forward (RPRC008923) | 178 | CTGCTGGTGGTAATGGAGGT |
| 5-HT1B\_Reverse R |  | GTCGTGGGATCTGCTTCAAT |
| 5-HT2A\_Forward (RPRC001892) | 164 | GCAAGTGTAGCCGATGGAAT |
| 5-HT2A\_Reverse R |  | TGATGCTGTACCCGGTGATA |
| 5-HT2B\_Forward (RPRC000473) | 237 | CTTAGACGCGACGATCACAA |
| 5-HT2B\_Reverse R |  | TTGTGCTGCTTCTTCCATTG |
| 5-HT7\_Forward (RPRC001792) | 181 | GTAGCACGAGTGAGCAACGA |
| 5-HT7\_Reverse R |  | TTATAATGCCGAGCGTTGTG |
| VKR1\_Forward (RPRC006045) | 214 | CTTCGGATGGTGGGTCTAAA |
| VKR1\_Reverse |  | ACAGCAAATCGATTCCAAGG |
| CAPAR1\_Forward (RPRC000516) | 107 | TGCGTGGAAACGTACATGGA |
| CAPAR1\_Reverse |  | GAACGGAGCCCAGCATATGA |
| IT1R\_Forward (RPRC004793) | 159 | CGAGACCCGTTATTCATCGT |
| IT1R\_Reverse |  | GTCGGATATGGCCAAAGAGA |
| Kinin R1\_Forward (RPRC000494) | 191 | TGCTCCACCCTCAAAATTAAGA |
| Kinin R1\_Reverse |  | ACCAACATGATCATTTTCTTCAACA |
| CCHamideR2\_Forward (RPRC000608) | 171 | GTATCCTGAACGCCCAGCAA |
| CCHamdeR2\_Reverse |  | ATTACCAGCAGATCGCCCAA |
| CRFR2\_Forward (RPRC000578) | 155 | ACTGCTCTTGGTTTGGCAGT |
| CRFR2\_Reverse |  | GCCGGGTCTGTTTTAACGTA |
| Tyr1-R\_Forward (RPRC008712) | 113 | GGAGAGACGAGCCGCAC |
| Tyr1-R\_Reverse |  | CTGATGGACAGCAAACCGAAC |
| NPLP\_Forward (RPRC008712) | 168 | CTACCACACGGGCGATTACT |
| NPLP\_Reverse |  | TCCGAGCAAACGTAGGAACT |
| LGR1\_Forward (RPRC007243) | 224 | CCGCCAGACACCAGAAATAC |
| LGR1\_Reverse |  | TTCGTGAATCATGTGTTCTTCA |
| TKR\_Forward (RPRC008022) | 212 | TCAACAACTACCTGGCAAA |
| TKR\_Reverse |  | ACTGGGTTTGTGTGTAATGG |
| Actin\_Forward | 289 | AGAGAAAAGATGACGCAGATAATGT |
| Actin\_Reverse |  | ATATCCCTAACAATTTCACGTTCG |
| Rp49\_Forward | 150 | GTGAAACTCAGGAGAAATTGGC |
| Rp49\_Reverse |  | AGGACACACCATGCGCTATC |