**Supplementary file 1**

qPCR primer list

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|  |  | **Sequence (5'->3')** |
| Ache | Forward primer | CTCCCTGGTATCCCCTGCATA |
|  | Reverse primer | GGATGCCCAGAAAAGCTGAGA |
| Chrna1 | Forward primer | CTCTCGACTGTTCTCCTGCTG |
|  | Reverse primer | GTAGACCCACGGTGACTTGTA |
| Chrnd | Forward primer | TGAGAAGGGCTACGACAAAGAC |
|  | Reverse primer | GTCTCCTCCACTTCTTTCAGGG |
| Chrne | Forward primer | GAAGCCACTGGAGAGGAACTG |
|  | Reverse primer | AGGGAGATCAGGAACTTGGTTG |
| Etv5 | Forward primer | TCAAGCAGGAATACCATGACCC |
|  | Reverse primer | GGCAGTTAGGCACTTCTGAGTC |
| Musk | Forward primer | GCTGGAAGTGGAGGAAGACAG |
|  | Reverse primer | GTGCAGCGTAGGGTTACAAAG |
| B2M | Forward primer | TTCTGGTGCTTGTCTCACTGA |
|  | Reverse primer | CAGTATGTTCGGCTTCCCATTC |