**Supplementary Table 2: Sequence of target gene primer pairs for RT-qPCR.**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward primer sequence (5’-3’)** | **Reverse primer sequence (5’-3’)** |
| HSPA1A | TCCGCAGCACGTTGAGCC | CAAGATGAAGGAGATCGCCG |
| SEMA4C | ACTGAGTGTATCCAGAAAGG | CTCCCTGAAGAAGAAGTAGA |
| ARHGAP4 | TAACTACTACCTGCATGACG | CTGGATAAACTTCTCCATGT |
| CDKN2A | CCTCCCGGGCAGCGTCGT | ATAGTTACGGTCGGAGGCCG |
| ATOH1 | ATTGCGCAGCTGGTCGAA | GGGGTGGTGGTAGACGAGCT |
| ZG16 | GATCTCCTCCAGGTCTCCGTTG | AGTTGGACGGCCCCATCA |
| GAPDH | GAAGGCTGGGGCTCATTT | CAGGAGGCATTGCTGATGAT |