**S1 Table. Primers used to detect P2Y receptor genes in BV-2 microglia in RT-PCR.**

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| **Target** | **Pubmed acc. No.** |  | **Primer sequence** | **Predicted length (bp)** |
| P2Y1 | NM\_008772.5 | ForwardReverse | TGGCTATCTGGATGTTCGTCGCAGGTAATCATTGGAC | 425 |
| P2Y2 | NM\_008773.4 | ForwardReverse | ACCCTCAACGCCATCAACAGCCGAATGTCCTTAGTCTCAC | 281 |
| P2Y4 | NM\_020621.4 | ForwardReverse | ACTCTGGTCTGCTATGGAATCCACCAAGACAGCATC | 423 |
| P2Y6 | NM\_183168.2 | ForwardReverse | ACCACCTGCGTCTACCGTGTCCCCTCTGGCGTAGTTAT | 225 |
| P2Y12 | NM\_027571.3 | ForwardReverse | GACCGCTACCTGAAGACCACCAGGGTGTAGGGAATCCGTG | 423 |
| P2Y13 | NM\_028808.3 | ForwardReverse | TCGCTTTCGACAGGTTCCTCTGTGACTGACCACCTGATGC | 222 |
| P2Y14 | NM\_001008497.2 | ForwardReverse | CTGCTTTCTGTGCTCGTGTGCGTGATGGCCGTGTAGAAGA | 213 |
| GAPDH | NM\_001289726.1 | ForwardReverse | GCATTGTGGAAGGGCTCAAAGGTGGAAGAGTGGGAGTT | 379 |