**Supplementary Table 6.** List of genes and respective primer sequences used for mRNA analysis by RT-qPCR.

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| --- | --- | --- | --- |
| Gene | Species | Primer Sequence (5’ - 3’) | Amplicon Size |
| *Β-actin* | mmu | F: GCAGGAGTACGATGAGTCCG  R: ACGCAGCTCAGTAACAGTCC | 74 |
| *Rbfox3 – NeuN* | mmu | F: CCAGGCACTGAGGCCAGCACACAGC  R: CTCCGTGGGGTCGGAAGGGTGG | 111 |
| *Dlg4 – PSD95* | mmu | F: GACGCCAGCGACGAAGAG  R: CTCGACCCGCCGTTTG | 96 |
| *Cx3cl1* | mmu | F: CTCACGAATCCCAGTGGCTT  R: TTTCTCCTTCGGGTCAGCAC | 121 |
| *Dnah1 – Dynein* | mmu | F: CGCCTGTCTTCTGGATCAGT  R: ATTTCTGATGACGCCTCGGG | 142 |
| *Kif5b – Kinesin* | mmu | F: GGCGGAGTGCAACATCAAAG  R: TGCTTGACTGGAACACACGA | 155 |
| *Plp1* | mmu | F: TGGCGACTACAAGACCACCA  R: GACACACCCGCTCCAAAGAA | 116 |
| *P2ry1* | mmu | F: GAGGTGCCTTGGTCGGTTG  R: CGGCAGGTAGTAGAACTGGAA | 159 |
| *Gfap* | mmu | F: CAAACTGGCTGATGTCTACC  R: GCTTCATCTGCCTCCTGTCTA | 207 |
| *Gja1 – Connexin43* | mmu | F: CTGAGTGCGGTCTACACCTG  R: GAGCGAGAGACACCAAGGAC | 127 |
| *Nfia* | mmu | F: TTCCAACGTCACCCATCATCC  R: CAGCATCAGGACAGACAAGTT | 114 |
| *Cxcr3* | mmu | F: TCACAGCCCTGTCCCAA  R: CGTCTCCCCCAGTGCTTCAA | 90 |
| *Trem2* | mmu | F: CTGATCACAGCCCTGTCCCAA  R: CGTCTCCCCCAGTGCTTCAA | 110 |
| *Arg1* | mmu | F: CTTGGCTTGCTTCGGAACTC  R: GGAGAAGGCGTTTGCTTAGTTC | 146 |
| *Tlr4* | mmu | F: ACCTGGCTGGTTTACACGTC  R: GTGCCAGAGACATTGCAGAA | 201 |
| *H2Aa – MhcII* | mmu | F: TGGGCACCATCTTCATCATTC  R: GGTCACCCAGCACACCACTT | 131 |
| *Ccr7* | mmu | F: CATGGACCCAGGTGTGCTTC  R: TCAGTATCACCAGCCCGTTG | 195 |
| *P2ry12* | mmu | F: GCAGAACCAGGACCATGGAT  R: CTGACGCACAGGGTGCTG | 88 |
| *Cst7* | mmu | F: GGAGCTGTACTTGCCGAGC  R: CATGGGTGTCAGAAGTTAGGC | 108 |
| *Mfn2* | mmu | F: CAGAGCAGAGCCAAACTGCT  R: AACATGTTGAGTTCGCTGTCC | 62 |
| *Dnm1l - Drp1* | mmu | F: GCTCAGTGCTGGAAAGCCTA  R: TCCATGTGGCAGGGTCATTT | 150 |
| *Bcl2* | mmu | F: ATGCCTTTGTGGAACTATATGGC  R: GGTATGCACCCAGAGTGATGC | 120 |
| *Cxcl10* | mmu | F: CCAAGTGCTGCCGTCATTTTC  R: GGCTCGCAGGGATGATTTCAA | 157 |
| *Il18* | mmu | F: GACTCTTGCGTCAACTTCAAGG  R: CAGGCTGTCTTTTGTCAACGA | 169 |
| *Tnfa* | mmu | F: CATCTTCTCAAAATTCGAGTGACAA  R: TGGGAGTAGACAAGGTACAACCC | 175 |
|  |  |  |  |
| *Mfge8* | mmu | F: CAATGAGACTGAGAGAGAGGACCAT  R: CCATCCAGGTTGTAGTAGTTGGT | 176 |
| *Traf6* | mmu | F: AAAGCGAGAGATTCTTTCCCTG  R: ACTGGGGACAATTCACTAGAGC | 125 |
| *Cebpa* | mmu | F: AGCTTACAACAGGCCAGGTTTC  R: CGGCTGGCGACATACAGTAC | 192 |
| *Irak1* | mmu | F: GAGACCCTTGCTGGTCAGAG  R: GCTACACCCACCCACAGAGT | 137 |
| *Socs1* | mmu | F: CTGCGGCTTCTATTGGGGAC  R: AAAAGGCAGTCGAAGGTCTCG | 216 |