**Supplementary file 4.** List of primer pairs used for RT-qPCR analysis.

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| --- | --- | --- | --- |
| Gene name |  Forward primer (5’→3’) |  Reverse primer (5’→3’) | Product size (bp) |
| *Slc30a1* | CCAACACCAGCAATTCCAAC | CTTGTACATCCACTGGGTCATC |  84 |
| *Mt1* | CCTGCAAGAACTGCAAGTG | TGGGCACATTTGGAGCA |  79 |
| *Tnfα* | CCCTCACACTCAGATCATCTTCT | GCTACGACGTGGGCTACAG |  61 |
| *Il1β* | CCCAACTGGTACATCAGCAC | TCTGCTCATTCACGAAAAGG |  180 |
| *Il6* | CGGAGAGGAGACTTCACAGA | CCAGTTTGGTAGCATCCATC |  218 |
| *Arg1* | CTCCAAGCCAAAGTCCTTAGAG | AGGAGCTGTCATTAGGGACATC |  185 |
| *Nos2* | TCACCTTCGAGGGCAGCCGA | TCCGTGGCAAAGCGAGCCAG |  286 |
| *Ccl2* | GGCTCAGCCAGATGCAGTT | TCTCCAGCCTACTCATTGGGA |  83 |
| *Cxcl1* | ACTGCACCCAAACCGAAGTC | TGGGGACACCTTTTAGCATCTT |  114 |
| *Cxcl10* | GACGGTCCGCTGCAACTG | GCTTCCCTATGGCCCTCATT |  65 |
| *p65* | TCCTGTTCGAGTCTCCATGCAG | GGTCTCATAGGTCCTTTTGCGC |  133 |
| *MyD88* | CACTCGCAGTTTGTTGGAT | CCACCTGTAAAGGCTTCTC |  185 |
| *Ikkα* | GCAGACCGTGAACATCCTCT | TCCAGGACAGTGAACGAGTG |  202 |
| *Ikkβ* | AGGCGACACGTGAACAGAT | CTAAGAGCGGATGCGATG |  298 |