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| Supplemental Table 1: mouse, bovine and human primers and mouse TaqMan probes |
| Mouse real-time PCR primer sequence 5’-3’ |
| HPRT | FWD | TGGGCTTACCTCACTGCTTT | BRD4 | FWD | AGACTCCTTCACCGGTACCCC |
| REV | CTAATCACGACGCTGGGACT | REV | TGCACAGGCTGTGGAACTGG |
| PKM2 | FWD | ATTACCAGCGACCCCACAGAA | MyD88 | FWD | CACCTGTGTCTGGTCCATTG |
| REV | ACGGCATCCTTACACAGCACA | REV | AGGCTGAGTGCAAACTTGGT |
| mTOR | FWD | AAACACTTCGGAGAGCTGGA |  |  |  |  |  |
| REV | CGGGTCTTCCTTGTTTGTGT |  |  |  |  |  |
| Mouse TaqMan Probes |
| S100A4 | Mm00803372\_g1 | Slc2a1 | Mm00441480\_m1 | G6PD | Mm00658204\_s1 |
| ARG1 | Mm00475988\_m1 | CCR2 | Mm99999051\_m1 | ODC1 | Mm02019269\_g1 |
| LDHA | Mm01612132\_g1 | C5aR1 | Mm00500292\_s1 | ASS1 | Mm00711256\_m1 |
| IL1b | Mm00434228\_m1 | STAT3 | Mm01219775\_m1 | ASL | Mm01197741\_m1 |
| TLR2 | Mm00442346\_m1 | HIF1a | Mm00468869\_m1 | TREM1 | Mm01278455\_m1  |
| TLR4 | Mm00445273\_m1 | HK2 | Mn00443385\_m1 | ARG2 | Mm00477592\_m1 |
| IL6 | Mm00446190\_m1 | TNC | Mm00495662\_m1 | CTSS | Mm01255859\_m1 |
| HPRT | Mm01545399\_m1 |  |  |  |  |  |  |
| Bovine real-time PCR primer sequence 5’-3’ |
| IL1b | FWD | GAATGGAAACCCTCTCTCCC | IL6 | FWD | GTGAAAGCAGCAAGGAGACA | HIF1a | FWD | CCACCTCTGGACGTGCCTTT |
| REV | GCTGCAGCTACATTCTTCCC | REV | ATCCGTCCTTTTCCTCCATT | REV | TTTCTTGTCGTTCGCGCCCC |
| TLR2 | FWD | TTCTGAATGCCACAGGGCGG | STAT3 | FWD | CCTCTCAGACCCAGAAGCAC | mTOR | FWD | GCTGAAGGACTCCTCGTCAC |
| REV | TGCAGCCACGCCCACATCAT | REV | CCTGTCAACCCGTTTGTCTT | REV | CTCAGACCAGCAGGACACAA |
| TLR4 | FWD | ATGCCAGGATGATGGCGCGT | C5ar1 | FWD | CTGCTGACCATACCGTCCTT | CCR2 | FWD | TTGTTGGGGAGAAGTTCAGG |
| REV | ACCTGTACGCAAGGGTCCCA | REV | GACGACACACATCGTCTTGG | REV | CGATCTCCTGTCTCCCCATA |
| HPRT | FWD | CTGGCTCGAGATGTGATGAA | ARG1 | FWD | TGGCGATCGGCAGCATCTCT |  |  |  |
| REV | CAACAGGTCGGCAAAGAACT | REV | TCCGTGTGAGCATCCACCCA |  |  |  |
| Human real-time PCR primer sequence 5’-3’ |
| IL1b | FWD | TGGCGGCATCCAGCTACGAA | STAT3 | FWD | GGAAGAATCCAACAACGGCA | HIF1a | FWD | TTTTACCATGCCCCAGATTCA |
| REV | TGGCCACAACAACTGACGCG | REV | CAGTCACAATCAGGGAAGCA | REV | AGTGCTTCCATCGGAAGGACT |
| TLR2 | FWD | GATGCCTACTGGGTGGAGAA | IL6 | FWD | ACAAGCGCCTTCGGTCCAGT | mTOR | FWD | TGTCCTGCTGGTCTGAACTG |
| REV | CCACTTGCCAGGAATGAAGT | REV | TGTGTGGGGCGGCTACATCT | REV | TTCAGCGATGTCTTGTGAGG |
| TLR4 | FWD | GAGCACTTGGACCTTTCCAG | C5ar1 | FWD | CCCAGGAGACCAGAACATGG | CCR2 | FWD | TCAACTGGACCAAGCCACGC |
| REV | TCATAGGGTTCAGGGACAGG | REV | AGGATGTCTGGAACACGCAG | REV | GGGGCAATCCTACAGCCAAG |
| HPRT | FWD | ACGTCTTGCTCGAGATGTGA | ARG1 | FWD | ATGGGGACCTGCCCTTTGCT |  |  |  |
| REV | AATCCAGCAGGTCAGCAAAG | REV | TTCTGCCACCTTGCCAGCCA |  |  |  |