**Additional file 3** **Sequences of the oligonucleotide primers used for real-time PCR quantification.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Species** | **Gene** | **GenBank no.** | **Primer sequence (5´–3´)** | **Amplificate size (bp)** |
| ***Bos taurus*** |  |  |  |
|  | *TNF* | NM\_173966.2 | CTTCTGCCTGCTGCACTTCG \* | 156 |
|  | GAGTTGATGTCGGCTACAACG \* |
|  |  |   |   |   |
|  | *IL1A* | NM\_174092 | GGCCAAAGTCCCTGACCTCT | 224 |
|  | CTGCCACCATCACCACATTC |
|  |  |   |   |   |
|  | *IL1B* | NM\_174093.1 | AACCGAGAAGTGGTGTTCTGC | 167 |
|  | TTGGGGTAGACTTTGGGGTCT |
|  |  |   |   |   |
|  | *IL6* | NM\_000600.3 | GGAGGAAAAGGACGGATGCT | 227 |
|  | GGTCAGTGTTTGTGGCTGGA |
|  |  |   |   |   |
|  | *CXCL8* | NM\_173925 | CCTCTTGTTCAATATGACTTCCA | 170 |
|  | GGCCCACTCTCAATAACTCTC |
|  |  |   |   |   |
|  | *CCL5* | NM\_175827 | TCCCCATATGCCTCGGAC | 229 |
|  | TCGCACCCACTTCTTCTCTG |
|  |  |   |   |   |
|  | *CCL20* | NM\_174263.2 | CAGCAAGTCAGAAGCAAGCAA | 179 |
|  | CCCACTTCTTCTTTGGATCTGC |
|  |  |   |   |   |
|  | *NOS2A* | NM\_001076799 | ACAGGATGACCCCAAACGTC | 188 |
|  | TCTGGTGAAGCGTGTCTTGG |
|  |  |   |   |   |
|  | *SAA3* | NM\_181016.3 | CTTTCCACGGGCATCATTTT | 188 |
|  | CTTCGGGCAGCGTCATAGTT |
|  |  |   |   |   |
|  | *LAP* | NM\_203435  | AGGCTCCATCACCTGCTCCTT | 182 |
|  | CCTGCAGCATTTTACTTGGGCT |
|  |  |   |   |   |
|  | *CYP1A1* | XM\_002696635XM\_005222018 | TCCGTTACCTGCCCAACACT | 170 |
|  | CTCGTCCAGCCTCTTGTCCT |
|  |  |   |   |   |
|  | *CLIC* | NM\_001015608 | GTCTCAGTCCGCCTCTTGGT | 153 |
|  | AGAACAACCGCAGGTCGAAT |
| ***Mus musculus*** |  |  |  |
|  | *TNF* | NM\_013693.3NM\_001278601.1 | ccgtcagccgatttgctatc | 160 |
|  | agttggtcccccttctccag |
|  |  |   |   |   |
|  | *IL6* | NM\_031168.1 | AACGATGATGCACTTGCAGA | 195 |
|  | CTGAAGGACTCTGGCTTTGTC |
|  |  |   |   |   |
|  | *CXCL2* | NM\_009140.2 | actctcaagggcggtcaaaa | 191 |
|  | caggtacgatccaggcttcc |
|  |  |   |   |   |
|  | *CCL5* | NM\_013653.3 | CCCTCACCATCATCCTCACT | 181 |
|  | CGAGTGACAAACACGACTGC |
|  |  |  |  |  |
|  |   |   |   |   |
| \*upper line: forward-, lower line, reverse-primer; source files are indicated. |   |