**Supplementary Table 1. Sequences of primers for real-time quantitative PCR**

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| **Mouse genes** | **Forward primer** | **Reverse primer** |
| *Gapdh* | GGTGAAGGTCGGTGTGAACG | CTCGCTCCTGGAAGATGGTG |
| *Il1β* | TTGTTGATGTGCTGCTGTGA | TGTGAAATGCCACCTTTTGA |
| *Il6* | GAAATGATGGATGCTACCAAACTG | GACTCTGGCTTTGTCTTTCTTGTT |
| *Tnfα* | GGTCTGGGCCATAGAACTGA | CAGCCTCTTCTCATTCCTGC |
| *Ccl2/Mcp1* | AGGTGTCCCAAAGAAGCTGTAGT | TTTGGTTCCGATCCAGGTTTT |
| *Ccl4* | AGAAACAGCAGGAAGTGGGA | GCTCTGTGCAAACCTAACCC |
| *Cxcl1* | TCTCCGTTACTTGGGGACAC | CCACACTCAAGAATGGTCGC |
| *Cxcl10* | CCTATGGCCCTCATTCTCAC | CTCATCCTGCTGGGTCTGAG |
| *Vcam1* | GGAGGTCTACTCATTCCCTGA | GGTGGGGATGAAGGTCGTTT |
| *Icam1* | GTGATGCTCAGGTATCCATCCA | CACAGTTCTCAAAGCACAGCG |
| *Tlr4* | TGAGGACTGGGTGAGAAATGAGC | CTGCCATGTTTTGAGCAATCTCAT |
| *Tlr9* | TTCACCACTGCCCGTAGATG | TCTACTGTGATTCGCTTCGCCTTC |
| *Cd14* | CAAGTTCCCGACCCTCCAAG | CATCCCGCAGTGAATTGTGAC |
| *ET1* | CCCACTCTTCTGACCCCTTTG | GACGCGCTCGGGAGTGTT |
| *eNOS* | CGAAGCGTGTGAAGGCAAC | TTGTACGGGCCTGACATTTCC |
| *iNOS* | CAGGCGGATTGGGGATTAC | GGCAAACTCGGTGTCAATCAT |
| *CD44* | AGAAAAATGGCCGCTACAGTATC | TGCATGTTTCAAAACCCTTGC |
| *PAI1* | CATCGCTGCACCCTTTGAGA | GCTGCTCTTGGTCGGAAAGAC |
| *Zo-1* | GGGAAAACCCGAAACTGATG | GCTGTACTGTGAGGGCAACG |
| *Occludin* | CCCAGGCTTCTGGATCTATGT | TCCATCTTTCTTCGGGTTTTCA |
| *JAM-A* | CAAGGCAAGGGTTCGGTGTA | GCTGTACTGTGAGGGCAACG |
| *Claudin1* | CAAGGCAAGGGTTCGGTGTA | GCTGTACTGTGAGGGCAACG |
| Human genes  | Forward primer | Reverse primer |
| *GAPDH* | TGAAGACGGGCGGAGAGAAA | CCAATACGACCAAATCCGTTGAC |
| *IL6* | TTCTCCACAAGCGCCTTCGGTC | TCTGTGTGGGGCGGCTACATCT |
| *TNFα* | CCCGAGTGACAAGCCTGTAG | TTGAAGAGGACCTGGGAGTAGA |
| *CCL2* | GTCTCTGCCGCCCTTCTG | ACTTGCTGCTGGTGATTCTTCT |
| *CCL4* | GCTTCCTCGCAACTTTGTGG | TGGGATCAGCACAGACTTGC |
| *CXCL2* | CCTGCAGGGAATTCACCTCA | TGAGACAAGCTTTCTGCCCA |
| *ZO-1* | ACCAGTAAGTCGTCCTGATCC | TCGGCCAAATCTTCTCACTCC |
| *OCCLUDIN* | ACAAGCGGTTTTATCCAGAGTC | GTCATCCACAGGCGAAGTTAAT |
| *JAM-A* | CTGGCATTGGGCAGTGTTAC | CTTGGATGGAGGCACTGTGA |
| *CLAUDIN1* | AAGTGCAGAGTGGATGGACG | ACCCTCCCAGGCTCATTAGT |