**Supplemental Table 1.** Primer sequences for real-time qPCR analyses of mouse genes.

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| **Genes Name** | **Genes Primer sequences** |
| GAPDH\_F | TGGCAAAGTGGAGATTGTTGCC |
| GAPDH\_R | AAGATGGTGATGGGCTTCCCG |
| Il1β\_F | GCCTCGTGCTGTCGGACCCATA |
| Il1β\_R | TGCAGGGTGGGTGTGCCGTCTT |
| Il6\_F | CAAGAAAGACAAAGCCAGAGTC |
| Il6\_R | GAAATTGGGGTAGGAAGGAC |
| Ccl2\_F | TTGCCGGCTGGAGCATCCACGT |
| Ccl2\_R | AGTAGCAGCAGGTGAGTGGGGCG |
| Cxcl1 \_F | TGAGCTGCGCTGTCAGTGCCT |
| Cxcl1\_R | AGAAGCCAGCGTTCACCAGA |
| Cxcl2\_F | CAAGAACATCCAGAGCTTGAGTGT |
| Cxcl2\_R | GCCCTTGAGAGTGGCTATGACTT |
| Cox-2\_F | CCAGAGCAGAGAGATGAA |
| Cox-2\_R | GGTACAGTTCCATGACATC |
| Ki67\_F | AGAAGTCCAGGTCTACAG |
| Ki67\_R | TCGTTGCTATTGCTAAGG |
| Nlrp12\_F | CCT CTT TGA GCC AGA CGA AG |
| Nlrp12\_R | GCC CAG TCC AAC ATC ACT TT |
| Emr1\_F | CCTGGACGAATCCTGTGAAG |
| Emr1\_R | GGTGGGACCACAGAGAGTTG |
| Cdkn1a\_F | GCAGATCCACAGCGATATCC |
| Cdkn1a\_R | CAACTGCTCACTGTCCACGG |
| Il4\_F | AGATGGATGTGCCAAACGTCCTCA |
| Il4\_R | AATATGCGAAGCACCTTGGAAGCC |
| Il17\_ | TGAGCTTCCCAGATCACAGA |
| Il17\_R | TCCAGAAGGCCCTCAGACTA |
| Afp\_F | CTGGCGATGGGTGTTTAGAA |
| Afp\_R | GCCTGAGAGTCCATACTTGTTAG |
| Ccnd1\_F | TGCCATCCATGCGGAAA |
| Ccnd1d1 R | AGCGGGAAGAACTCCTCTTC |
| Myc\_F | CCTTTGGGCGTTGGAAACC |
| Myc\_R | TCCTCGTCGCAGATGAAATAGG |
| Ifng\_F | GAAAGACAATCAGGCCATCA |
| Ifng\_R | TTGCTGTTGCTGAAGAAGGT |
| Ccnb1\_F | AAAGGGAAGCAAAAACGCTAGG |
| Ccnbb1\_R | TGTTCAAGTTCAGGTTCAGGCTC |
| Survivin\_F | TCATCCACTGCCCTACCGAGAAC |
| Survivin\_R | TCTATCGGGTTGTCATCGGGTTC |

**Supplemental Table 2.** Primer sequences for real-time qPCR analyses of human genes.

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| **Genes Name** | **Genes Primer sequences** |
| GAPDH\_F | TCTGGTAAAGTGGATATTGTTG |
| GAPDH\_R | GATGGTGATGGGATTTCC |
| IL-6\_F | GTAGCCGCCCCACACAGA |
| IL-6\_R | CATGTCTCCTTTCTCAGGGCTG |
| CCL2\_F | AGGTGACTGGGGCATTGAT |
| CCL2\_R | GCCTCCAGCATGAAAGTCTC |
| CXCL1 \_F | AACCGAAGTCATAGCCACAC |
| CXCL1\_R | CCTCCCTTCTGGTCAGTT |
| CXCL2\_F | CGCCCAAACCGAAGTCAT |
| CXCL2\_R | GATTTGCCATTTTTCAGCATCTTT |
| COX-2\_F | CCCATGTCAAAACCGAGGTG |
| COX-2\_R | CCGGTGTTGAGCAGTTTTCTC |
| Ki67\_F | GAGGTGTGCAGAAAATCCAAA |
| Ki67\_R | CTGTCCCTATGACTTCTGGTTGT |
| NLRP12\_F | AAATGCACTGGAGGATTTGG |
| NLRP12\_R | CAGGCTCTGGTTCACACTGA |