**Table S1**. Primer sequences for the gene expression analysis by quantitative real-time PCR.

| Primer | F/R | Nucleotide sequence (5′-3′) | Accession No |
| --- | --- | --- | --- |
| GAPDH | F | TGCTGCCCAGAACATCATCC | NM\_204305 |
| R | ACGGCAGGTCAGGTCAACAA |
| STAT1 | F | TTGTAACTTCGCTATTGGTATTCC | NM\_001012914 |
| R | TTCCGTGATGTGTCTTCCTTC |
| STAT3 | F | AGGGCCAGGTGTGAACTACT | NM\_001030931 |
| R | CCAGCCAGACCCAGAAAG |
| JAK2 | F | CAGATTTCAGGCCGTCATTT | NM\_001030538 |
| R | ATCCAAGAGCTCCAGTTCGTAT |
| TYK2 | F | GCCCCATGCAGGAGGAAT | XM\_427671 |
| R | CTTTGCCACAGCCAGAATCAC |
| SHP2 | F | ATGTTGGTGGAGGGGAGAA | NM\_204968 |
| R | GGGGCTGCTTGAGTTGC |
| TAK1 | F | CCAGGAAACGGACAGCAGAG | XM\_015284677 |
| R | GGTTGGTCCCGAGGTAGTGA |
| NF-κB1 | F | AGAAAAGCTGGGTCTTGGCA | NM\_205134 |
| R | CCATCTGTGTCAAAGCAGCG |
| IFN-γ | F | AGCTGACGACGGTGGACCTATTATT | HQ739082 |
| R | GGCTTTGCGCTGGATTC |
| IL-6 | F | CAAGGTGACGGAGGAGGAC | JQ897539 |
| R | TGGCGAGGAGGGATTTCT |
| IL-17A | F | TGTCTCCGATCCCTTGTTCT | AM773756 |
| R | GTCCTGGCCGTATCACCTT |
| IL-17F | F | CTCCGATCCCTTATTCTCCTC | NM\_204460 |
| R | GTCCTGGCCGTATCACCTT |
| LITAF | F | TGTGTATGTGCAGCAACCCGTAGT | AY765397 |
| R | GGCATTGCAATTTGGACAGAAGT |
| TGF-β4 | F | CGTGCCCGTACATCTGGAG | JQ423909 |
| R | GAGGGGGTCGAGGGTCTG |
| IL-1β | F | TCGGGTTGGTTGGTGATG | NM\_204524 |
| R | TGGGCATCAAGGGCTACA |
| IL-12p40 | F | AGATGCTGGCAACTACACCTG | NM\_213571 |
| R | CATTTGCCCATTGGAGTCTAC |
| IFN-ß | F | CTTGCCCACAACAAGACGTG | NM\_001024836 |
| R | GTGTTTTGGAGTGTGTGGGC |
| IL-4 | F | AGCACTGCCACAAGAACCTG | NM\_001007079 |
| R | CCTGCTGCCGTGGGACAT |
| IL-10 | F | CTGTCACCGCTTCTTCACCT | AJ621254 |
| R | ACTCCCCCATGGCTTTGTA |
| IL16 | F | TGCCTCACAAGAATCAACAACT | AB104417 |
| R | ATAGAGCCCTTCCCACCTTC |
| TLR21 | F | GCTCACAGGCAAAATCACG | XM\_003641158 |
| R | AGCAGCAGGGTTCTCAGGT |
| ERK1 | F | GCAAGCTTTAGCCCATCCA | NM\_204150 |
| R | GTCATCCAATTCCATATCAAACTT |
| ERK2 | F | CATCGCGACCTCAAACCTTC | AY033635 |
| R | TCCGGATCTGCAACACGAG |
| TNFSF13B | F | GTGCCTCTGTTTCTTCCTTCCT | NM\_204327 |
| R | TCTCCCCCTGTTTCTGTTCCT |
| β2m | F | CAGGTGTACTCCCGCTTCC | NM\_001001750 |
| R | GGCACGCCATCCTTCAT |
| TAP1 | F | GGCGGCTGCACACTACC | AJ843261 |
| R | CCAGGGCTGAGAAACCACT |
| TAP2 | F | GACACCCGGCACCAGAT | NM\_001099357 |
| R | CCTCCTCGCCATTGAAGA |
| TAK1 | F | CCAGGAAACGGACAGCAGAG | XM\_015284677 |
| R | GGTTGGTCCCGAGGTAGTGA |
| BF-I | F | GCACAGCCCCATCCTCT | AM279341 |
| R | TGGCCCATCATTTTATTTCA |
| BF-IV | F | CCATCCGGGGGTATTATCA | AF013492 |
| R | TGGTGGGAACTGCCTCTG |
| MICA | F | GGGACTTCCTCGCCTTTGA | XM\_003643799.2 |
| R | ATCCCTTCCTCCTCCCATCTC |
| LILRA2 | F | CTCCCCAAGTGTCTCATTTCTG | XM\_004949812.1 |
| R | ATTTGGGGAGGTTATCTGGTTT |
| LILRA6 | F | GACACGACCGAGTTCTTCTTTG | XM\_003643874.2 |
| R | CTCCACGGGGTCACTCTTCT |