

**Table S1 The primers used for Real-time quantitative PCR**

| Genes             | Forward Primer (5' to 3') | Reverse Primer (5' to 3') |
|-------------------|---------------------------|---------------------------|
| m-Il1 $\beta$     | CTTCAGGCAGGCAGTATCACTC    | TGCAGTTGTCTAATGGGAACGT    |
| m-Il6             | ACAACCACGGCCTTCCCTAC      | TCTCATTTCACGATTTCCCAG     |
| m-Tnf $\alpha$    | CAGGCGGTGCCTATGTCTC       | CGATCACCCCGAAGTTCAGTAG    |
| m-Nlrp3           | ATTACCCGCCCGAGAAAGG       | TCGCAGCAAAGATCCACACAG     |
| m- $\beta$ -actin | GGTCATCACTATTGGCAACG      | ACGGATGTCAACGTCACACT      |
| m-tubulin         | GATGCTGCCAATAACTATGCTC    | TTGGACTTCTTTCCGTAATCCA    |
| m-non-Numt        | CTAGAAACCCCGAAACAAA       | CCAGCTATCACCAAGCTCGT      |
| m-B2m             | ATGGGAAGCCGAACATACTG      | CAGTCTCAGTGGG GGTGAAT     |
| h-Osterix         | CCTGTCCTGTCCTTCTGAGG      | ACTCCTGTTCCACTCAGGCT      |
| h-Runx2           | TCTTAGAACAAATTCTGCCCTTT   | TGCTTTGGTCTTGAAATCACA     |
| h-Ocn             | CCCAGGCGCTACCTGTATCAA     | GGTCAGCCAACTCGTCACAGTC    |
| h-Opn             | CAGTTGTCCCCACAGTAGACAC    | GTGATGTCCTCGTCTGTAGCATC   |
| h-Alp             | CCACGTCTTCACATTTGGTG      | AGACTGCGCCTG GTAGTTGT     |
| h-Gapdh           | CACGGCAAATTCCACGGCACAGT   | GGGGGCATCAGCAGAAGGAGCAG   |