Table S1. Primer sequences for quantitative real-time PCR

Forward (Fw) and reverse (Rv) primers for 18S, ACAN, aggrecan; CCL20, C-C motif chemokine ligand 20; COL2A1, collagen type II alpha 1 chain; COX2, cytochrome c oxidase subunit II; IL1B, interleukin 1 beta; IL6, interleukin 6; IL17, interleukin 17, PTGES, prostaglandin E synthase.

| Gene name | Oligonucleotide sequence (5' to 3') | Annealing temperature (°C) | Product size (bp) |
|-----------|-------------------------------------|--------------------------|-----------------|
| 18S       | Fw: GTAACCCGTTGAACCCCATT            | 57                       | 151             |
|           | Rv: CCATCCAATCGGTAGTAGCG             |                          |                 |
| ACAN      | Fw: CAACTACCCGGCCATCC               | 56                       | 160             |
|           | Rv: GATGGCTCTGTAATGGAACAC            |                          |                 |
| CCL20     | Fw: TCCTGGCTGCTTTGATGTCA            | 57                       | 70              |
|           | Rv: CAAAGTTGCTTGCTGCTTCTGA          |                          |                 |
| COL2A1    | Fw: AGGGCCAGGATGTCCGGCA             | 57                       | 195             |
|           | Rv: GGGTCCCAGGTTCTCCATCT            |                          |                 |
| COX2      | Fw: GCCCGACTCCCTTGCGGTGTC           | 57                       | 190             |
|           | Rv: TTGGTGAAAGCTGGCCCTCG            |                          |                 |
| IL1B      | Fw: GCTGAGGAAGATGCTGGTTC            | 58                       | 240             |
|           | Fv: TCCATATCCTGCTCCCTGGAG           |                          |                 |
| IL6       | Fw: CCTTCCAAGATGGCTGAAA             | 57                       | 230             |
|           | Rv: CAGGGGTGTTATTGCATC              |                          |                 |
| IL17      | Fw: CCGTGGGCTGCACCTGTGTC            | 57                       | 71              |
|           | Rv: GGGAGTGTTGGCTCCCAGA             |                          |                 |
| PTGES     | Fw: AAGTGAGGCTGCAGAGGAAGAAG        | 57                       | 150             |
|           | Rv: CCAGGAAAAGGAAGGGGTAG            |                          |                 |