**Supplementary Table 1**. Real-time qPCR Primer Sequences

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| **Gene** | **Forward** | **Reverse** | **GenBank Accession** |
| *ACAN* | AGGGCGAGTGGAATGATGTT  | GGTGGCTGTGCCCTTTTTAC | NM\_001135.3 |
| *Β-actin* | AAGCCACCCCACTTCTCTCTAA | AATGCTATCACCTCCCCTGTGT | NM\_001101.4 |
| *B2M* | TGCTGTCTCCATGTTTGATGTATCT | TCTCTGCTCCCCACCTCTAAGT | NM\_004048.3 |
| *COL1A2* | GCTACCCAACTTGCCTTCATG | GCAGTGGTAGGTGATGTTCTGAGA | NM\_00008 9.3 |
| *COL2A1* | CTGCAAAATAAAATCTCGGTGTTCT | GGGCATTTGACTCACACCAGT | NM\_001844.5 |
| *COL10A1* | GAAGTTATAATTTACACTGAGGGTTTCAAA | GAGGCACAGCTTAAAAGTTTTAAACA | NM\_000493.3 |
| *SOX9* | CTTTGGTTTGTGTTCGTGTTTTG | AGAGAAAGAAAAAGGGAAAGGTAAGTTT | NM\_000346.3 |
| *YWHAZ* | TCTGTCTTGTCACCAACCATTCTT | TCATGCGGCCTTTTTCCA | NM\_003406.3 |