Supplementary Table S2: Sequence of the primers used for RT-PCR.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene of Interest | Primers (5’-3’) | | Accession number (Reference link) | Product size (bp) |
|  | Forward Primer | Reverse Primer |  |  |
| SOX-9 | GACTTCCGCGACGTGGAC | GTTGGGCGGCAGGTACTG | NM\_000346.4  <https://www.ncbi.nlm.nih.gov/nucleotide/1519242934> | 99 |
| ACAN, transcript variant 1 | TCGAGGACAGCGAGGCC | TCGAGGGTGTAGCGTGTAGAGA | NM\_001135.4  <https://www.ncbi.nlm.nih.gov/nucleotide/1890265422> | 85 |
| COL2A1, transcript variant 2 | CCTGAGTGGAAGAGTGGAGAC | TTGCTGCTCCACCAGTTCTT | NM\_033150.3  <https://www.ncbi.nlm.nih.gov/nucleotide/1674985896> | 149 |
| COL1A1 | TCTGCGACAACGGCAAGGTG | GACGCCGGTGGTTTCTTGGT | NM\_000088.4  <https://www.ncbi.nlm.nih.gov/nucleotide/1777425449> | 146 |
| COL10A1 | CAAGGCACCATCTCCAGGAA | AAAGGGTATTTGTGGCAGCATATT | NM\_000493.4  <https://www.ncbi.nlm.nih.gov/nucleotide/1519245829> | 70 |
| RUNX2, transcript variant 2 | CCTAAATCACTGAGGCGGTC | CAGTAGATGGACCTCGGGAA | NM\_001015051.4  <https://www.ncbi.nlm.nih.gov/nucleotide/1890358904> | 91 |

[[1]](#footnote-1)

1. SOX9: sex-determining region Y-box 9, ACAN: Aggrecan, COL2A1: Collagen type 2 alpha 1 chain, COL1A1: Collagen type 1 alpha 1 chain, COL10A1: Collagen type 10 alpha 1 chain, RUNX2: Runt related transcription factor-2 [↑](#footnote-ref-1)