

<b>Gene</b>	<b>Gene Bank Accession Number</b>	<b>Sequence</b>	<b>Base Pairs (bp)</b>
<i>β-ACTIN</i>	NM_001101	Fwd 5'- CCAACCGCGAGAAGATGA -3' Rev 5'- CCAGAGGCGTACAGGGATAG -3'	97
<i>Type II collagen - α1 chain (COL2A1)</i>	NM_001844	Fwd 5'- TGTCAGGGCCAGGATGTC -3' Rev 5'- ATCATTATACCTCTGCCCATCC -3'	63
<i>Aggrecan (ACAN)</i>	NM_001135	Fwd 5'- CCTCCCCTTCACGTGTAAAA -3' Rev 5'- GCTCCGCTTCTGTAGTCTGC -3'	64
<i>Sex determining region Y-box 9 (SOX9)</i>	NM_000346	Fwd 5'- GTACCCGCACTTGCACAAC -3' Rev 5'- TCGCTCTCGTTCAGAAGTCTC -3'	72
<i>Cartilage Oligomeric Matrix Protein (COMP)</i>	NM_000095	Fwd 5'- GCACCGACGTCAACGAGT -3' Rev 5'- TGGTGTTGATACAGCGGACT -3'	63
<i>Type I collagen - α1 chain (COL1A1)</i>	NM_000088	Fwd 5'- GGGATTCCCTGGACCTAAAG -3' Rev 5'- GGAACACCTCGCTCTCCAG -3'	63
<i>Type X collagen - α1 chain (COL10A1)</i>	NM_000493	Fwd 5'- CACCTTCTGCACTGCTCATC -3' Rev 5'- GGCAGCATATTCTCAGATGGA -3'	104

Table 1: Sequences of primer pairs, gene bank accession numbers used for real time RT-PCR analysis and size of PCR products.