

Table S2. Primers used in this study.

Gene		Sequence
<i>Runx2</i>	Forward	GATGGGACTGTGGTTACCG
	Reverse	GGTGAAACTCTTGCCTCGTC
<i>Sox9</i>	Forward	CCCCGATTACAAGTACCAGC
	Reverse	AGCGCCTTGAAGATAGCATT
<i>Mmp13</i>	Forward	TTGGCCACTCCCTAGGTCTG
	Reverse	GGTTGGGGTCTTCATCGC
<i>Col10a1</i>	Forward	GGCTTCAGGGAGTGCAATC
	Reverse	CTCACATGGGAGCCACTAGG
<i>Col2a1</i>	Forward	AGGATGGCTGCACCAAACAC
	Reverse	TGTCCATGGGTGCGATGTC
<i>Ihh</i>	Forward	CTCTTGCCTACAAGCAGTTCA
	Reverse	CCGTGTTCTCCTCGTCCTT
<i>Aggrecan</i>	Forward	CCCTCACCCCAAGAATCAAG
	Reverse	GGATAGTTGGGGAGCGACAC
<i>Adamts5</i>	Forward	GCATGCGCGCTACACTCTAA
	Reverse	TCGCGGTTGTAGACATGCAG
<i>Alp</i>	Forward	GACTGGTACTCGGATAACGAGATGC
	Reverse	TGCGGTTCCAGACATAGTGG
<i>Igf-1</i>	Forward	AGGCTATGGCTCCAGCATTC
	Reverse	CTTCAGTGGGGCACAGTACA
<i>Mgat1</i>	Forward	AGGCCTATGACCGGGACTTC
	Reverse	GCTAGTGTACTGTACCCGCACCTC
<i>Mgat2</i>	Forward	ACCTACACCACCATTCGGAGTTTC
	Reverse	ATGCATCTCGGGTCAAGGCTA
<i>Mgat3</i>	Forward	ATGATTGCTCATTACCCTGCTCTC
	Reverse	ATTCCACAGGTAGCCCTGCATA
<i>Fut8</i>	Forward	AACAGCTTGTTAAGGCCAAAG
	Reverse	GCATGTCTTTGGAGTTCAATTC
<i>Galnt3</i>	Forward	ACACTATTTACCCGGAAGCG
	Reverse	AGCTCCTTCTGGATGTTGTG
<i>Csgalnact1</i>	Forward	CCAATTTCAGAACTTCACCTTCAT
	Reverse	TGTTTCAGCCTACAAGTGTTGAG
<i>Csgalnact2</i>	Forward	TTAATATCATTGTGCCACTTGCG
	Reverse	TAGAATAGACTTGACTTTAGATAGTCCTT
<i>C4st-1</i>	Forward	ACCTCGTGGGCAAGTATGAG
	Reverse	TCTGGAAGAACTCCGTGGTC
<i>Gapdh</i>	Forward	AGGTCGGTGTGAACGGATTTG
	Reverse	GGGGTCGTTGATGGCAACA