

SUPPLEMENTARY TABLE

Supplementary Table 1. Primer sequences for genes in PCR assay.

	Gene	Forward primers (from 5' to 3')	Reverse primers (from 5' to 3')
1	SOX9	CCACGGAACAGACTCACA	GAGATTGCCAGAGTGCT
2	COL1A1	GCTCCCTTGGACATTGGT	GGAAAAGTGGGCTGGGT
3	COL2A1	TGGCGAGAAAGGAGAACC	CAGGCAGACCAACAATGC
4	β-catenin	GAAGGCGTGGCAACATAC	GTCCTGAAGAGGGAAGTGG
5	WNT3A	GCAGAGCCAGGGTTGTTT	AGAGAAGCTCGGGACAGG
6	WNT8A	CCTGATAACCCGTCCCAA	GACAATTCCACCGTTCCC
7	MMP9	CACCGGCTAAACCACCTC	CGCCCCGACACACAGTAAG
8	MMP13	GGGGAGCCACAGATGAG	AACGCTCGCAGTGAAAAG
9	ADAMTS5	TGGTGAAGGTGGTGGTG	GCTGGTTATGTTGGTGCTG
10	COL10A1	ATAGGCAGCAGCATTACGA	CCCAAACGTGAGTCCCT
11	RUNX2	GCCGGGAATGATGAGAAC	TGGGGAGGATTTGTGAAGA
12	OCN	CAGTCCCCAGCCCAGAT	GCGTTTGTAGGCGGTCTT
13	FRZB	TCTGGCTTCCTCTCTGC	GCTCTTCCCAAGCGTCTA
14	ACAN	CCTATGAGGCAGGCTATGA	CTGGGCTGCTGTCTTTG
15	ITGA4	CTGGCTCTCTAATGCCTCA	TTCCACAAGGCTCTCC
16	ASPN	GCAAAAAGTGGGAGTGAATG	GCCAAGAACAACAACGAAAT
17	COL3A1	AAAGAATGGGGAGACTGGA	TGCCTTGTAATCCTTGTTGG
18	SFRP4	CACCTATCCCTCGAACACA	CATCCTTGAACGCCACTC
19	THBS2	TCGTTGGAGACCAGTGTG	TCAGAGTCGCAGGCATC
20	ITGB1	CTTATTGGCCTTGCCCTG	CCCCTTGGCATTTCATTT
21	ITGA1	TGTGTGTGATGCCAGAG	TCCAGAAGCCCTAGCA
22	ITGAV	AACCAATTAGCAACACGGA	ATCTTCAATGCCGTACC
23	ITGA8	CGGGGCACCTCTCTTTA	ATCTCCCAAATGTCTCCGT
24	PTK2	CGCTTCTCCCTTTGGT	CCCTGGCTTCATCTATTCC
25	miR-454	ACCCTATCAATATTGTCTCTGC	TGGTGTCGTGGAGTCG
26	miR-130a	CCAGGGCTTTTCAAAAATGA	CCGATCCAATCTGTTCTGGT
27	miR-130b	TTCACATTGTGCTACTGTCTGC	GCTCTGACTTTATTGCACTACT
28	miR301a	ACACTCCAGCTGGGGCTCTGACTTTATTGCAC	CTCAACTGGTGTCGTGGA
29	miR-301b	ATACTCGAGATCCTAGTTTGATACTCCAGTCTT	TGTTCTAGACATATTTACTTTTATATTTCCATAC
30	U6	CTCGCTTCGGCAGCACA	AACGCTTCACGAATTTGCGT