

Target gene	Direction	5'-3' Primer sequence
Runx2	F	5'-ATACTCTCCTGGGACTGTTTTTCG -3'
	R	5'-GATGTTGCTCTGTTCGTTTTCTT -3'
COL1	F	5'-CGTGACCAAAAACCAAAAGTGC-3'
	R	5'-GGGGTGGAGAAAGGAACAGAAA-3'
OC	F	5'-AGACTCCGGCGCTACCTCAACAAT-3'
	R	5'-CAGCTGTGCCGTCCATACT-3'
Integrin β 1	F	5'-TCTGTGGAGGAAATGGTGTGTG -3'
	R	5'-TTTAGTGAGGTTGAAATGGGAGC -3'
Integrin α 2	F	5'-ACTTGTTTTTTGCCTCTTTCTCC -3'
	R	5'-TGTTTGTTTCTTGGCTCTCACTG -3'
Integrin α 5	F	5'-ACTTAGGGCAAGTCGGGAATT-3'
	R	5'-GGGCAGTGAGTGGGGTTTAT-3'
GAPDH	F	5'-GGCACAGTCAAGGCTGAGAATG-3'
	R	5'-ATGGTGGTGAAGACGCCAGTA-3'

Supplementary Table 1. Primers used for RT-qPCR.