

**Table S1. The sequences of the primers used in qRT-PCR experiments.**

Gene	Forward primer	Reverse primer
ALP	5'ACCACCACgAgAgTgAACCA	5'CgTTgTCTgAgTACCAgTCCC
RUNX2	5'TggTACTgTCATggCgggTA	5'TCTCAgATCgTTgAACCTTgCTA
BMP2	5'TTCggCCTgAAACAgAgACC	5'CCTgAgTgCCTgCgATACAg
COL1	5'gAgggCCAAGACgAAgACATC	5'CAgATCACgTCATCgCACAAC
OCN	5'CACTCCTCgCCCTATTggC	5'CCCTCCTgCTTggACACAAAg
BSP	5'AGAAAGAGCAGCACGGTTGAGT	5'GACCCTCGTAGCCTTCATAGCC
VEGF	5'TGCGGATCAAACCTCACCA	5'CAGGGATTTTTCTTGCTTGCT
CD31	5'GCTGTCTACTCAGTCATGGCC	5'CGTCTCTTCCTTCTGGATGGTG
GAPDH	5'-GATTTGGTCGTATTGGGCG-3'	5'-CTGGAAGATGGTGATGG-3'