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

| Gene | Forward primer          | Reverse primer          |
|------|-------------------------|-------------------------|
| ALP  | 5'ACCACCACgAgAgTgAACCA | 5'CgTgTCTgAgTACCAgTCCC |
| RUNX2| 5'TggTTACTgTCATggCgggTA| 5'TCTCAgATCgTTgAACCTTgCTA|
| BMP2 | 5'TTCggCCTgAAACAgAgACC | 5'CCTgAgTgCCTgCgATACAg |
| COL1 | 5'gAgggCCAAAgACgAAgACATC | 5'CAgATCACgTCATCgCACAAC |
| OCN  | 5'CACTCCTCgCCCTATTggC  | 5'CCCTCCTgCTTggACACAAAg |
| BSP  | 5'AGAAAGAGGCACGCAGGTTGAGT | 5'GACCCCTCGTAGCCTTCATAGCC |
| VEGF | 5'TGCGGATCAAACCTCACCA  | 5'CAGGGATTTTTCTTGTCTTGCT |
| CD31 | 5'GCTGTCTACTCAGTCATGGCC | 5'CGTCTCTTTGCTTGGATGGTG |
| GAPDH| 5'-GATTTGGTGATTTGGGCG-3' | 5'-CTGGAGATGGTGATGGG-3' |