

Table S1. Detail of primers for quantitative real time PCR (qPCR).

Gene Names	Primer Sequence	Product Size (bp)
GAPDH (NM_002046)	F: 5'-ACATCGCTCAGACACCATG-3' R: 5'-TGAGTTGAGGTCAATGAAGGG-3'	143
RHEB (NM_005614.3)	F: 5'-GAGTCCACAAATTGGCCTTC-3' R: 5'-CAGTCCAAGTCCCGGAAGAT-3'	95
COL2 (NM_001844)	F: 5'-CACGTACACTGCCCTGAAGGA-3' R: 5'-CGATAACAGTCTTGCCCCACTT-3'	65
SOX9 (NM_000346)	F: 5'-GTACCCGCACTTGACACAAC-3' R: 5'-TCTCGCTCTCGTTCAGAAGTC-3'	74
Aggrecan (NM_013227)	F: 5'-GCCTGCGCTCCAATGACT-3' R: 5'-ATGGAACACGATGCCTTTCAC-3'	104
Adiponectin (NM_004797)	F: 5'-TTCCATACCAGAGGGGCTCA-3' R: 5'-CCCTTGAGTCGTGGTTTCCT-3'	94
FABP4 (NM_001442.2)	F: 5'-GCATGGCCAAACCTAACATGA-3' R: 5'-CCTGGCCCAGTATGAAGGAAA-3'	107
CEBP β (NM_005194.2)	F: 5'-GCAAGAGCCGCGACAAG-3' R: 5'-GGCTCGGGCAGCTGCTT-3'	154
PPAR γ (NM_015869.4)	F: 5'-GATACACTGTCTGCAAACATATCACAA-3' R: 5'-CCACGGAGCTGATCCCAA-3'	91
RUNX2 (NM_004348)	F: 5'-CAGACCAGCAGCACTCCATA-3' R: 5'-CAGCGTCAACACCATCATTC-3'	178
Osteonectin (NM_003118.3)	F: 5'-GAAAGAAGATCCAGGCCCTC-3' R: 5'-CTTCAGACTGCCCCGAGA-3'	90
Osteopontin (NM_001040060)	F: 5'-TTGCAGCCTTCTCAGCCAAA-3' R: 5'-AACTTCGGTTGCTGGCAGGT-3'	459

* F= Forward Primer, * R= Reverse Primer.