

Table S-I: RT-PCR Primers used for expression of osteogenic specific genes

Gene	Direction	Primer Sequence
Osteocalcin	Forward	5'- CCC AGG CGC TAC CTGTAT CAA-3'
	Reverse	5'- GGT CAG CCA ACT CGTCAC AGTC-3'
Osteopontin	Forward	5'-CATCTCAGAAGCAGAATCTCC-3'
	Reverse	5'-CCATAAACCACACTATCACCTC-3'
RUNX2	Forward	5'-TGGTTACTGTCATGGCGGGTA-3'
	Reverse	5'-TCTCAGATCGTTGAACCTTGCTA-3'
Coll	Forward	5'- GGCAATAGCAGGTTACGTACA -3'
	Reverse	5'- CGATAACAGTCTTGCCCCACTT-3'