

S- Table 1. Target mRNAs, primer sequences, amplification conditions, and annealing temperatures

Target mRNA	Forward Primer	Reverse Primer	Amplicon Size (bp)	Annealing Temperature
GAPDH	5'-CCT GTG ACT TCA ACA GCA ACT CC-3'	5'-CCA CCA CCC TGT TGC TGT AGC C-3'	106	52°C
Col2a1	5-GGA GAA GAA GCA CAT CTG GTT TGG-3'	5'-TGG ACG TTA GCG GTG TTG GG-3'	96	57°C
Col10a1	5'-GCG CGA TCA TGG AGC TCA CGG-3'	5'-TTC ATA TGG GAG CCA CTA GG-3'	129	55°C
Col1a2	5'-GCC ATC TCG CCT GCC ATT CC-3'	5'-AAC AGA CAG GGC CAA CCT CC-3'	89	55°C
Osteopontin	5'- CAG TCA GGC GCG TTC CAA AGC-3'	5' GAA ATG CGG AAT TTC AGA TAC C-3'	123	52°C
Osteocalcin	5'- CGG CGC TAC CTC AAC AAT GG-3'	5'- CGC TAG CTC GTC ACA ATT GG-3'	105	52°C