

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Primers that were used in this study.**

Gene	Forward	Reverse
GAPDH	TGTGTCCGTCGTGGATCTGA	TTGCTGTTGAAGTCGCAGGAG
Acp5	ATGGGCGCTGACTTCATCAT	GGTCTCCTGGAACCTCTTGT
CTSK	AGTAGCCACGCTTCCTATCC	CCATGGGTAGCAGCAGAAAC
NFATC1	GACCCGGAGTTCGACTTCG	TGACACTAGGGGACACATAACTG
ALP	TAGCGGTTACTGTAGACACCC	CACCCTCAAGAGCCTGAGTC
BMP-2	TGGAAGTGGCCCATTTAGAG	TGACGCTTTTCTCGTTTGTG
COL1A	CACCCTCAAGAGCCTGAGTC	TTAGGCGCAGGAAGGTCAGC
OPN	GGGACATCGACTGTAGGGACG	ATCTTTCTGCTCACTCTGCT

**Supplementary Table 2. Antibodies that were used in this study.**

Protein	Dilution	Catalog No.	Source
p-p38	1:3000	SC-166182	Santa Cruz Biotechnology, Dallas, TX, USA
p38	1:3000	SC-7972	Santa Cruz Biotechnology, Dallas, TX, USA
p-ERK	1:3000	SC-7383	Santa Cruz Biotechnology, Dallas, TX, USA
ERK	1:3000	SC-1647	Santa Cruz Biotechnology, Dallas, TX, USA
p-JNK	1:3000	SC-6254	Santa Cruz Biotechnology, Dallas, TX, USA
JNK	1:3000	SC-7345	Santa Cruz Biotechnology, Dallas, TX, USA
p-p65	1:3000	SC-101752	Santa Cruz Biotechnology, Dallas, TX, USA
p65	1:3000	SC-8008	Santa Cruz Biotechnology, Dallas, TX, USA