

SUPPLEMENTARY TABLES

Supplementary Table 1. Primer sequences used for quantitative real-time PCR (qRT-PCR).

Primer	Sequences (5'-3')	Primer	Sequences (5'-3')
ROCK1 forward	TGCCTTCCTTACTGACAGGG	ACTA2 forward	ATCCCCGGGACTAAGACGG
ROCK1 reverse	CCAAGCCCCTGGTCATTTT	ACTA2 reverse	AGAGCCATTGTCACACACCA
ROCK2 forward	GCACAGTTTGAGAAGCAGCT	MMP1 forward	CCAGGTATTGGAGGGGATGC
ROCK2 reverse	TACCACGCTTGACAGGTTCT	MMP1 reverse	GTCCAAGAGAATGGCCGAGT
CYCLIND1 forward	CCCTCGGTGTCCTACTTCAA	TNC forward	AGCATCCGGACCAAAACCAT
CYCLIND1 reverse	AAGACCTCCTCCTCGCACTT	TNC reverse	CCGATGCCATCCAGGAAACT
P16 forward	TAGTTACGGTCGGAGGCCG	PDGFR1 forward	CTGAGGTTGAGAGCGCGG
P16 reverse	ACGGGTCGGGTGAGAGTG	PDGFR1 reverse	CACCTCCACCAAGTCCTCG
P21 forward	AGTCAGTTCCTTGTGGAGCC	Serpine 1 forward	GAAAGGCAACATGACCAGGC
P21 reverse	GCATGGGTTCTGACGGACAT	Serpine 1 reverse	ACATGTCGGTCATTCCCAGG
GATA4 forward	GTGTCCCAGACGTTCTCAGTC	Desmin forward	AATGACCGCTTCGCCAACTA
GATA4 reverse	GGGAGACGCATAGCCTTGT	Desmin reverse	GGTTAGTGAGCACCTCCACC
IGFBP-5 forward	ACGAAAAGAGCTACCGCGAG	Vimentin forward	AATGGCTCGTCACCTTCGTG
IGFBP-5 reverse	GAGTAGGTCTCCTCGGCCAT	Vimentin reverse	CAGAGAAATCCTGCTCTCCTCG
IGFBP 1 forward	ATCCTTTGGGACGCCATCAG	FSP-1 forward	GTA CTCCGGCAAAGAGGGGTG
IGFBP 1 reverse	AGAGTTCTATTCGGCAGGGC	FSP-1 reverse	TTGTCCCTGTTGCTGTCCAA
HNF forward	GGACATGGCCGACTACAGTG	Lamin B1 forward	AAGCAGCTGGAGTGGTTGTT
HNF reverse	CGTTGAGGTTGGTGCCTTCT	Lamin B1 reverse	TTGGATGCTCTTGGGGTTC
NKD1 forward	ACTTTCGGCTGGAAGTGGC	H36B4 forward	GCAATGTTGCCAGTGTCTGT
NKD1 reverse	CAGGGTTCGCTCACTCTCTC	H36B4 reverse	GCCTTGACCTTTTCAGCAAG

Supplementary Table 2. Oligo sequences used for siRNA.

siRNA	Sequences (5'-3')
ROCK1 sense	GCAGAUGAAACAGGAAAUATT
ROCK1 antisense	UAUUUCCUGUUUCAUCUGCTT
ROCK2 sense	GCAGCUGGAAUCUAACAAUTT
ROCK2 antisense	AUUGUUAGAUUCCAGCUGCTT
IGFBP-5 01 sense	GCUGACCCAGUCCAAGUUUTT
IGFBP-5 01 antisense	AAACUUGGACUGGGUCAGCTT
IGFBP-5 02 sense	GCUGUGUACCUGCCCAAUUTT
IGFBP-5 02 antisense	AAUUGGGCAGGUACACAGCTT
IGFBP-5 03 sense	GGACAAGUACGGGAUGAAGTT
IGFBP-5 03 antisense	CUUCAUCCCGUACUUGUCCTT
GATA4 01 sense	GGCAGAGAGUGUGUCAACUTT
GATA4 01 antisense	AGUUGACACACUCUCUGCCTT
GATA4 02 sense	GCCCAAGAACCUGAAUAAATT
GATA4 02 antisense	UUUAUUCAGGUUCUUGGGCTT
GATA4 03 sense	UCAACCGGCCGCUCAUCAATT
GATA4 03 antisense	UUGAUGAGCGGCCGGUUGA
Negative control sense	UUCUCCGAACGUGUCACGUTT
Negative control antisense	ACGUGACACGUUCGGAGAATT