

Table S1. Antibody details and dilution ratios.

antibody name	catalog number	dilution ratio
β -Tubulin(HRP Conjugate)	5346S(CST)	1:500
Anti-MyoD Antibody	sc-377460(Santa Cruz)	1:1000
Anti-Myf5 antibody	ab125301(Abcam)	1:1000
Anti-p15 INK4b	ab53034(Abcam)	1:1000
Anti-p16 ARC	ab51243(Abcam)	1:1000
Anti-CDKN2A/p19ARF	ab80(Abcam)	1:1000
Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204)	4370T(CST)	1:1000
p44/42 MAPK (Erk1/2)	4695T(CST)	1:1000
Phospho-SAPK/JNK (Thr183/Tyr185)	9251S(CST)	1:1000
SAPK/JNK Antibody	9252S(CST)	1:1000
p38 MAPK	8690(CST)	1:1000
Phospho-p38 MAPK (Thr180/Tyr182)	4511(CST)	1:1000
Anti-mouse IgG	7076(CST)	1:2000
Anti-rabbit IgG	7074P2(CST)	1:2000

Table S2. The primers used in the real-time PCR.

gene name	forward primer	reverse primer
tubulin	TGGA CTCTGTT CGCTCAGGT	TGCCTCCTTCCGTACCACAT
MyoD	GCCTGAGCAAAGTGAATGAG	GCAGACCTTCGATGTAGCG
Myf5	TGAGGGAACAGGTGGAGAAC	AGCTGGACACGGAGCTTTTA