

## SUPPLEMENTARY TABLES

**Supplementary Table 1. List of the antibodies used for immunoblot analyses.**

<b>Santa Cruz:</b>		
MYH	sc-376157	1:2000
Cyclin D1	sc-718	1:1000
p21	sc-397	1:1000
beta-actin	sc-47778	1:10000
Myo D	sc-304	1:1000
Nrf-2	sc-365949	1:1000
p62	sc-28359	1:1000
<b>Abcam:</b>		
Myogenin	ab124800	1:2000
p-Nrf-2 (S40)	ab76026	1:1000
MuRF	ab77577	1:1000
Atrogin-1	ab74023	1:1000
<b>Cell signaling:</b>		
Troponin I	#4002	1:1000
p-p62 (S349)	#95697	1:1000
p-p62 (Thr269/Ser272)	#13121	1:1000
Atg7	#8558	1:1000
Beclin-1	#3495	1:1000
LC3B	#2775	1:1000
p-p70 S6K (Tyr389)	#9205	1:1000
p70 S6K	#2708	1:1000
p-mTOR	#2971	1:1000
mTOR	#2972	1:1000
MLC2v	#8505	1:1000
<b>Proteintech:</b>		
Keap1	60027-I-Ig	1:1000

**Supplementary Table 2. PCR primers used in this study.**

Gene name	Primer (5'→3')
myogenin	Forward: 5'-CTACCTTCCTGTCCACCTTC-3' Reverse: 5'-CTCCAGTGCAATGCCCCACT-3'
MYH	Forward: 5'-GCCTCATCCACACCAAGAAGA-3' Reverse: 5'-TCCACCAGATCCTGCAATCTC-3'
Troponin I	Forward: 5'-GCAAAAGTCACCAAGAACATC-3' Reverse: 5'-GCGCCAGTCTCCACCTCCCGG-3'
p21	Forward: 5'-GCTGTCTCCAGGAGGCCCG-3' Reverse: 5'-GCTGGTCTGCCTCCGTTTTTCG-3'
cyclin D1	Forward: 5'-ATGGAACACCAGCTCCTGTG-3' Reverse: 5'-CTTAGAGGCCACGAACATGC-3'
Myo D1	Forward: 5'-CAGCGGGCACCACCAG-3' Reverse: 5'-ATGCTGGACAGGCAGTC-3'
GAPDH	Forward: 5'-CTTCATTGACCTCAACTAC-3' Reverse: 5'-GCCATCCACAGTCTTCTG-3'