

**Supplemental Table S1.** Primers Used for Real-Time Quantitative Polymerase Chain Reaction

Mouse primer	Sequences (5' to 3')
18S ribosomal RNA (accession No. NR_003278.3)	
Forward	GATGTGAAGGATGGGAAGTACAG
Reverse	CTTCTTGATACACCCACAGTTC
Atrogin1 (accession No. NM_026346.3)	
Forward	ATGCACACTGGTGCAGAGAG
Reverse	TGTAAGCACACAGGCAGGTC
Drp1 (accession No. NM_001276340.1)	
Forward	GCCTCAGATCGTCGTAGTGG
Reverse	TGCTTCAACTCCATTTTCTTCTCC
MHC I (accession No. NC_000080.7)	
Forward	ATGTTTGTGATGGGTGTGAA
Reverse	TTCCACCTAAAGGGCTGTTG
MHC IIb (accession No. NC_000077.7)	
Forward	TGCCAAGTCCATCCCGAAGT
Reverse	GGTCACCCGCATCAACCAGC
MHC IIx (accession No. NC_000077.7)	
Forward	AGTCCCAGGTCAACAAGCTG
Reverse	CACATTTTGCTCATCTCTTTGG
MuRF1 (accession No. DQ229108.1)	
Forward	TGAGGTGCCTACTTGCTCCT
Reverse	TCACCTGGTGGCTATTCTCC
MyoD (accession No. NM_010866.2)	
Forward	GCTGCCTTCTACGCACCTG
Reverse	GCCGCTGTAATCCATCATGC
Myogenin (accession No. NM_031189.2)	
Forward	CAGTGAATGCAACTCCCACAG
Reverse	TGGACGTAAGGGAGTGCAGA
Myostatin (accession No. NM_010834.3)	
Forward	ACGCTACCAGGGAAACAATC
Reverse	AAAGCAACATTTGGGCTTTC
Opa1 (accession No. XM_006522656.4)	
Forward	CTTGCCAGTTTAGCTCCCGA
Reverse	CCATTTGGGACCTGCAGTGAA

Drp1, dynamin-related protein 1; MHC, myosin heavy chain; MuRF1, muscle RING finger protein 1; Myod, myogenic differentiation; Opa1, mitochondrial dynamin like GTPase.