

Supplemental Table 1. Primer sequence for qPCR analysis.

Genes		Sequences
Bmal1	Forward	CGCTTTCTGGAGGGTGTCCGC
	Reverse	TGCCAGGACGCGCTTGTACC
Nr1d1	Forward	TGGCATCCGGTGCACTGCAG
	Reverse	CCCTCCAGAAGGGTAGCACGCT
Nr1d2	Forward	GGAGTTCATGCTTGTGAAGGCTGT
	Reverse	CAGACACTTCTTAAAGCGGCACTG
Per1	Forward	CTGCCATGGAGGAAGAAGAG
	Reverse	AGCTGGGGCAGTTTCCTATT
Per2	Forward	CTCCAGCGAAACGAGAACTG
	Reverse	TTGGCAGACTGCTCACTACTG
Clock	Forward	ATGGTGTTTACCGTAAGCTGTAG
	Reverse	CTCGCGTTACCAGGAAGCAT
Dbp	Forward	GGAAACAGCAAGCCCAAAGAA
	Reverse	CAGCGGCGCAAAAAGACTC
36B4	Forward	CGCTTTCTGGAGGGTGTCCGC
	Reverse	TGCCAGGACGCGCTTGTACC
Myod1	Forward	TGGCATCCGGTGCACTGCAG
	Reverse	CCCTCCAGAAGGGTAGCACGCT
Myf5	Forward	AGCTGCTGAGGGAACAGGTGGA
	Reverse	ATTCAGGCATGCCGTCAGAGCA
Myogenin	Forward	GTCCCAACCCAGGAGATCATT
	Reverse	AGTTGGGCATGGTTTCGTCT
CyclinD1	Forward	GCGTACCCTGACACCAATCTC
	Reverse	CTCCTCTTCGCACTTCTGCTC
C-Met	Forward	TGGGCCGGCTTAACCAAGTGC
	Reverse	AGCACCACCTGCATGAAGCGA
P21	Forward	CCTGGTGATGTCCGACCTG
	Reverse	CCATGAGCGCATCGCAATC
c-Myc	Forward	CAACGACAGCAGCTCGCCCA
	Reverse	ACTAGGGGCTCAGGGCTGGC
P27	Forward	TCAAACGTGAGAGTGTCTAACG
	Reverse	CCGGGCCGAAGAGATTTCTG

Supplemental Table 2. Primary antibodies list.

Antibody	Source	Cat#	Dilution
Rev-erba	Thermo Scientific	PA5-29865	1:1000
Bmal1	Santa Cruz	SC-365645	1:1000
eMyHC	Developmental studies Hybridoma Bank	BF-45	1:50
Pax7	Developmental studies Hybridoma Bank	Pax7	1:50
GAPDH	ThermoFisher	AM4300	1:3000
Laminin	Sigma Aldrich	L9393	1:60
Ki67	ThermoFisher	50 112 9742	1:50

Supplemental Fig.1

Masson's Trichrome staining of Gastrocnemius cross sections of 20-week-old mdx and BmKO/mdx mice at 4X magnification. Scale bar: 200 μ M.

