

Table S1: Primers used for quantitative real-time polymerase chain reaction (qRT-PCR)

Name (organism)	Sequence (5'-3') (F, forward; R, reverse)	GeneBank No.	Product size (bp)
<i>Myh1</i> (mouse)	F: AAAGGCAGGCTCTCTCACTGG R: CCTCGATTTCGCTCCTTTTCAG	NM_030679.2	123
<i>Myh2</i> (mouse)	F: TGAGGAGGCTGAGGAACAATC R: AGCATCGGGACAGCCTTACT	NM_001039545.2	178
<i>Myh4</i> (mouse)	F: CTTCGTAAGCACGAGCGCA R: TTGGATTGTTTCCTCAGCCTCCT	NM_010855.3	152
<i>Pax7</i> (mouse)	F: TGAGTTCGATTAGCCGAGTGC R: CCTCATCCAGACGGTTCCT	NM_011039.2	147
<i>Myod1</i> (mouse)	F: ATGGTGTCCCTGGTTCTTCAC R: GACTTCTGCTCTTCCCTTCCC	NM_010866.2	105
<i>Myog</i> (mouse)	F: CCCAACCCAGGAGATCATTTG R: CAGTTGGGCATGGTTTCGTC	NM_031189.2	134
<i>Actb</i> (mouse)	F: CATCCGTAAAGACCTCTATGCCAAC R: ATGGAGCCACCGATCCACA	NM_007393.5	171
<i>16S</i> (mouse)	F: CCGCAAGGGAAAGATGAAAGAC R: TCGTTTGTTTCGGGGTTTC	NC_005089.1	133
<i>Actb</i> (mouse)	F: CATCCGTAAAGACCTCTATGCCAAC R: ATGGAGCCACCGATCCACA	NC_000071.7	296
<i>Cs</i> (mouse)	F: CCATGTTCAAGCTGGTGGCT R: TCCGTCATGCCATAGTACTGGAG	NM_026444.4	133
<i>Sirt1</i> (mouse)	F: GGTA GTTCCTCGGTGCCCTA R: ACCAAAGAAGACAATCTCTGGCT	NM_019812.3	76
<i>Ppargc1a</i> (mouse)	F: ACCACAAACGATGACCCTCC R: GTTGGTTTGGCTTGAGCATGT	NM_008904.2	125
<i>Nrf1</i> (mouse)	F: TCTCACCTCCAAACCCAAC R: GCGGCAGCTCTGAATTAACC	NM_001361693.1	156
<i>Nfe2l2</i> (mouse)	F: CTCCCAGGTTGCCACATTC R: TATCCAGGGCAAGCGACTCA	NM_010902.4	113
<i>Tfam</i> (mouse)	F: CCGTATTGCGTGAGACGAAC R: GACAAGACTGATAGACGAGGGGA	NM_009360.4	164
<i>Tfb1m</i> (mouse)	F: TACGCCCTTGATAGAGCCCAA R: AACATTCCAAGCCCTCGGTG	NM_146074.3	111
<i>Trim63</i> (mouse)	F: CTGAGTAACTGCATCTCCATGCT R: CTGGTGGCTATTCTCCTTGGT	NM_001369245.1	105
<i>Fbxo32</i> (mouse)	F: GTCTTTTGGCAGTGAGCCCT R: TATCACCACCCCTTGCCTTAC	NM_026346.3	134
<i>Trim63</i> (Rat)	F: CAGTACCGAGAGCAGTTGGAA R: GCACTCAAGAGGAAGGTGGC	NM_080903.2	95
<i>Fbxo32</i> (Rat)	F: ACATGTGGGTGTATCGAATGG R: AGCCTCTGCATGATGTTTCAGT	NM_133521.2	139
<i>Actb</i> (Rat)	F: GGAGATTACTGCCCTGGCTCCTA R: GACTCATCGTACTCCTGCTTGCTG	NM_031144.3	150

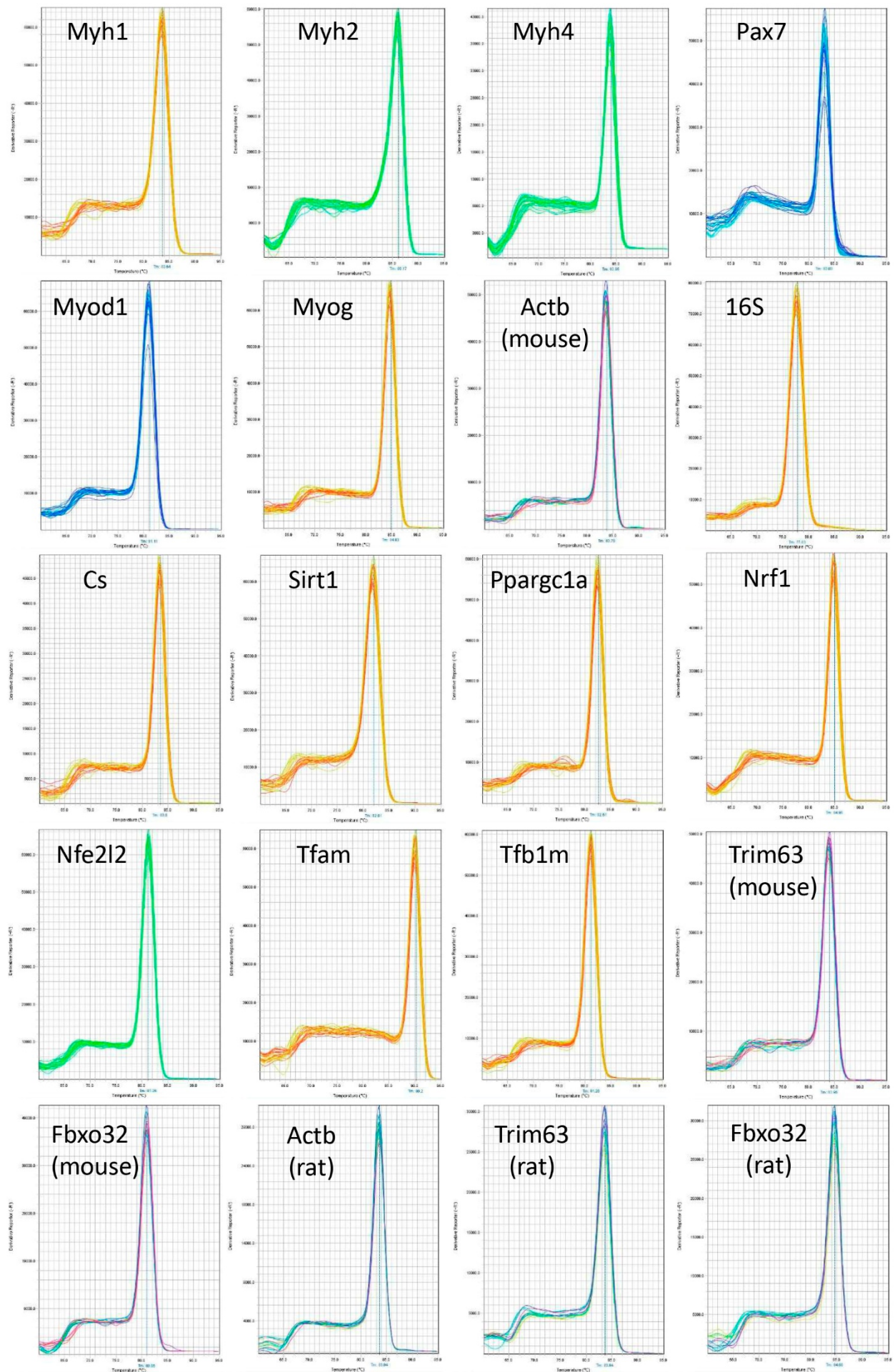


Figure S1 Melt curve analysis of quantitative real-time polymerase chain reaction products by SYBR Green assay