

Table S1 The primers used for qRT-PCR assays.

Gene name	Primer sequence	Annealing temperature (°C)	Product size (bp)
Mus musculus			
<i>GAPDH</i>	F: 5' GTGTCCTACCCCAATGTG 3'	60	349
	R: 5' CTTGCTCAGTGTCTTGCTG 3'		
<i>Myf5</i>	F: 5' AGACGCCTGAAGAAGGTCAA 3'	60	308
	R: 5' GCAGCACATGCATTTGATACATC 3'		
<i>MyoD1</i>	F: 5' GACCTGCGCTTTTTTGAGGACC 3'	60	523
	R: 5' TGTAATCCATCATGCCATCAGA 3'		
<i>MyoG</i>	F: 5' AAGTGAATGAGGCCTTCGAG 3'	60	307
	R: 5' AGATTGTGGGCGTCTGTAGG 3'		
<i>Mymk</i>	F: 5' ATCGCTACCAAGAGGCGTT 3'	60	107
	R: 5' CACAGCACAGACAAACCAGG 3'		
<i>RYR1</i>	F: 5' CCGCACCATCCTTTCATCTG 3'	60	145
	R: 5' CTCGTCCTCATCTTCGCTCT 3'		
<i>RYR3</i>	F: 5' GGTCGGGTGCATGATTAACC 3'	62	176
	R: 5' CTGTCCCAAGATTCATGCGG 3'		
<i>CAV1.1</i>	F: 5' ATGAGACTGGTCAAGCTGCT 3'	60	189
	R: 5' GTTCCGGTTTATCTGCGTCC 3'		
<i>ATP2B</i>	F: 5' TGCTGGAAGTATGTGGCTA 3'	56	91
	R: 5' TCGTCCCCACATAACTGCTT 3'		
<i>ATP2A2</i>	F: 5' ACCCAGACTTCGATGGAGTG 3'	58	185
	R: 5' CATGGACAAGCAGATGGAGC 3'		
<i>ORAI2</i>	F: 5' AACCTCAACTCCATCAGCGA 3'	60	240
	R: 5' GACCACGAAGATGAGACCCA 3'		
<i>CRACR2A</i>	F: 5' TATGACCTCACAGCCAAGCA 3'	59	129
	R: 5' TTCCCGCTCCTTCTCATTGT 3'		
<i>CRACR2B</i>	F: 5' AAGGGCTTCATCACTCGTCA 3'	59	150
	R: 5' AAAGTTCCCAGGCCTAGAC 3'		
<i>STIM1</i>	F: 5' TCAGGGAGTGGAACCAACTC 3'	58	176
	R: 5' GGTAAGAGGAAGGCAGGTGT 3'		
<i>ERP44</i>	F: 5' GCCAGAGATAGGAGCAGAGG 3'	60	86
	R: 5' GAGCCAATTTAGAGCCTGCC 3'		

<i>PDIA3</i>	F: 5' AGTATGAAGGTGGCCGTGAA 3' R: 5' GAGGTCCTCTTGTGCCTTCT 3'	60	119
<i>PDIA4</i>	F: 5' GTCTCTGGCTACCCGACTTT 3' R: 5' GCCCAGACTGCTCAATCATG 3'	60	109
<i>ATF6</i>	F: 5' TCAGCCTGGCCTACATTTCA 3' R: 5' TATGGTGAAGGAAGCAGGCA 3'	60	168
<i>EIF2AK3</i>	F: 5' TTGGCCACTTTGAACTTCGG 3' R: 5' CGCCATGACCTTCCAATCAG 3'	60	182
<i>BAX</i>	F: 5' CTGGAAGAAGATGGGCTGAG 3' R: 5' CATTCCCACCCCTCCAATA 3'	60	139
<i>CASP12</i>	F: 5' GGAAGGTAGGCAAGACTGGT 3' R: 5' TGA CTGGGAACTGCATGAGA 3'	60	227
<i>DDIT3</i>	F: 5' TCACTACTCTTGACCCTGCG 3' R: 5' GACTGGAATCTGGAGAGCGA 3'	60	102
<i>HSP90B1</i>	F: 5' AGTCGGGAAGCAACAGAGAA 3' R: 5' TCTCCATGTTGCCAGACCAT 3'	60	160
<i>HSPA5</i>	F: 5' CCTTGTGTTTGACCTGGGTG 3' R: 5' CCATGACCCGCTGATCAAAG 3'	60	131
Sus scrofa			
<i>GAPDH</i>	F: 5' TCGGAGTGAACGGATTTG 3' R: 5' CCTGGAAGATGGTGATGG 3'	60	219
<i>RYR1</i>	F: 5' TTCCCTGTGTGTGTGCAATG 3' R: 5' TTTGCTGTACTGTGTGGTGC 3'	58	172
<i>RYR3</i>	F: 5' AGCTGGAGTGGCAGTAACAT 3' R: 5' CCATGCCTTCTATATCGCGC 3'	58	211
<i>ERP44</i>	F: 5' ATACAGGGGTCAGCGATCAG 3' R: 5' GCCCAAATGCAGAAAGGAA 3'	60	225
<i>PDIA3</i>	F: 5' TGATGGCAAGGCTCTTGAGA 3' R: 5' TGACCACACCAAGGAGCATA 3'	60	192
<i>PDIA4</i>	F: 5' CGTTATCAAATCCCAGCCGG 3' R: 5' TGTACTTCTTGCCAGGGAG 3'	60	182
<i>ATF6</i>	F: 5' TGGGGCCACTCTTACTTCTG 3' R: 5' AATCACTCCACGGACACTGT 3'	60	239

EIF2AK3	F: 5' TGTGACTTGGAGGACGGTAC 3' R: 5' TCGGTTTCATTCTGGGCTCTT 3'	58	174
CASP9	F: 5' CCGATTTGGCTTACGTCCTG 3' R: 5' CAAAGCCTGGACCATTTGCT 3'	60	203
BAX	F: 5' CCCGAACTGATCAGGACCAT 3' R: 5' CCTCAGCCCATCTTCTTCCA 3'	60	194
DDIT3	F: 5' CATTGCCTTTCTCCTTCGGG 3' R: 5' AGGGTCAAGAGTGGTGAAGG 3'	60	155
HSP90B1	F: 5' TGACGGAGGCACAAGAAGAT 3' R: 5' TCCCCGTCCTAAGGTGTTTC 3'	62	200
HSPA5	F: 5' TTGGAGGTGGGCAAACAAAG 3' R: 5' CAGCAATAGTTCCAGCGTCC 3'	58	180
