

Table S1 The primers used in the present study

Gene	Serial number	Forward primer (5'-3')	Reverse primer (5'-3')
Gpx3	NM_001163232.2	CCTGCAGTACCTCGAACTGA	CTTCAGTGCAGGGAG GATCT
SERCA	NM_204891.1	CCCTGGTCACAACCTCTGCTG	GTCAGTGGAACCTTGGCTGT
NCX	XM_015283450.1	ACCGCTTCATGTCCTCCA	ATGAGCCCAAAGCCATCA
PMCA	NM_001168002.3	GATGGAAGGCTCTGGAAGG	TTCAGTGGCTGCATTTC
STIM	NM_001030838.1	CGGCTTCCAGATCGTCAA	CATCCAGGTCATCCACGTC
CACNA1S	XM_015298692.1	CGAGGCCATGCTCAAGAT	CCAGGGAAACGATGGAGA
TRPC1	XM_015276873.1	CGCTACCTCCACCTTTCAAT	CGTTTCACTTTGCCACTCG
TRPC3	XM_015276103.1	GCAATCAGCAAGGGCTACAT	GTGCCGTCTTCGTCATAGG
ORAIL	NM_001030658.1	GAGGTGGTGTTGCTGTGTTG	CTGCCTGTCCTGATGTGATG
CALM	NM_205005.1	GATGGAGTTGGTAAAATGAGGGAA	ACGCACTGGAAAAGTAGGGTCA
TRP1	NM_001174059.1	GGTGGCAGAACATTCTCTCA	TTGACTGAAGTGCCGGAAG
TRP2	XM_015291434.1	ATAACAGCACCAGCCTCCAG	GCTTTCTGAGTTGGGTTTGG
TRP3	XM_015298987.1	TGTTCCGACTGTGCTACCG	AAGGCTGTGATGGTGTCTC
RyR1	XM_015272496.1	AGCCGAGCGTGGTCTATTAC	GAGGCAGTTGTAGCCGATGA
RyR2	XM_015284420.1	AGAGGAGAAGGCAGAAGG	TTAGAAGCAGGATGGATAGTC
RyR3	XM_015287292.1	TGGTTGAGGTAATGGCAGAA	TCTCCTTGCTGTGAGTGTG
CASR	XM_416491.6	GGAACACTGCTGCCTATG	CAAGAGACGACTGGATGAG
GRP78	NM_205491.1	GATTGGACAAGAGAGAGGGTGA	CCATAACACGCTGGTCAAAGTC
GRP94	NM_204289.1	CAAAGACATGCTGAGGCGAGT	TCCACCTTTGCATCCAGGTCA
XBPI	XM_015275312.1	TCCTGACAACCTCCACAT	CAGCATCCAGCAGATAACT
ATF4	NM_204880.2	TCACCCAATGACAACCCG	TCACCTTTGCTGACGCTACC
ATF6	XM_422208.5	CGTCGTCTGAACCACTTACTGA	CCTTCTTTCCTAACAGCCACAC
CHOP	KP064314.1	TGGATGAGACACTGAATGC	CTTCCGCTTTGTCTCTG
LAMP2	NM_001001749.1	TGTGCCGTAAGGAGCAAACT	TGCCAACTGCGACTGGAATA
COX-2	NM_001167719.1	TGTCCTTTCCTGCTTTCCAT	TTCCATTGCTGTGTTTGAAGT
HO-1	NM_205344.1	ACTTCTATGGCAGCAACT	AATAGCGGGTGTAGGC
iNOS	D85422.1	CCTGGGTTTCAGAAAGTGGC	CCTGGAGGTCCTGGAAGAGT
NF-κB	XM_015285418.2	TCAACGCAGGACCTAAAGACAT	GCAGATAGCCAAGTTCAGGATG
PTGEs	NM_001194983.1	GTTCCTGTCAATCGCCTTCTAC	CGCATCCTCTGGGTTAGCA
TNF-α	HQ739087.1	GCCCTTCCTGTAACCAGATG	ACACGACAGCCAAGTCAACG
HSP27	NM_205290	ACACGAGGAGAAACAGGATGAG	ACTGGATGGCTGGCTTGG
HSP40	NM_001199325	TTCACATCCCCAAGTTTAGG	AGCCAAAGGGCAGAAATG
HSP60	NM_001012916	TACAGCAACAACCTGAAGA	CGGGCAAGTTTGACCTAA
HSP70	NM_001006685	TTGGCTCCCACCCTATCTCT	TCCTGTCCTGGCTTTAGTTT
HSP90	NM_001109785	TCCTGTCTGGCTTTAGTTT	AGGTGGCATCTCCTCGGT
TNNT2	K02263.1	CGGAAGCCTCTGAACATC	CCTTCTGGTGGTCACTGA
TNNC1	NM_205456.4	GATGGAAGCAAGACAAGGA	TCAGAAGAGTAGGAGACAATG
MYL2	NM_001271929.1	CCAAGAAGAGGATTGAAGGT	GTGAGGAACACAGTGAAGT
MYL3	NM_205159.1	CACCTAAGCCAGCAGAAC	CTTCTCTTCAGTCAACCTT
MYH11	NM_205274.2	TGGCTGTTGTTGCTTCAT	ATCTGGAGGAGTTGTCATTC
MYH15	NM_204766.2	GCTGAAGAATGCCTATGAAG	TATGGTGCGTTGTTGGTT
GAPDH	NM_204305.1	AGAACATCATCCCAGCGT	AGCCTTCACTACCCTCTTG