

Supplementary Table 1 | Primers of mRNAs used for the qPCR analysis. Specific description of qPCR. S-P2O5-1 (calcium-transporting ATPase), S-P2O5-2 (GTP-binding protein 1-like), S-ATP-3 (sarco/endoplasmic reticulum calcium-ATPase isoform 1), S-ATP-4 (DEAD), S-ATP-5 (Na⁺/K⁺ ATPase), S-SR-6 (pantothenate kinase 4-like isoform X2), S-SR-7 (putative ATP-dependent RNA helicase DDX43), S-SR-8 (nicotinamide/nicotinic acid mononucleotide adenylyltransferase), S-Ca-9 (muscle calcium channel subunit alpha-1-like), S-HG-10 (putative glutamate synthase [NADPH]), S-Ca-11 (ryanodine receptor), S-Ca-12 (sodium-calcium exchanger), ACT-1 (actin T2), UN-2 (transcript_transcript_14365_EC_transcript14365_f10p0_3311), TA-3 (tubulin alpha-1D chain), HP-4 (hypothetical protein HAZT_HAZT003304), PG-5 (putative glucosylceramidase), MSP-6 (muscle-specific protein), JU-7 (junctophilin), AC-8 (alpha-crystallin A chain).

Primer	Primer sequence (5'-3')
S-P2O5-1-F	CTCCTTCGTCTTGGCGTGCTTC
S-P2O5-1-R	TTCAGGGCTTCAATGGCGGATTC
S-P2O5-2-F	GGGTGGCTGTTGTCGGTAATGTAG
S-P2O5-2-R	TCTCGCTGTCCCTCTACCATTTGTC
S-ATP-3-F	CTCCTTCGTCTTGGCGTGCTTC
S-ATP-3-R	TTCAGGGCTTCAATGGCGGATTC
S-ATP-4-F	TGATGTTCAAGTGCCACCTTGAGC
S-ATP-4-R	AATGCTGCTGTAGACCGTGAAGAG
S-ATP-5-F	CTCCGTGACATGACTTCCGAACAG
S-ATP-5-R	CGCTGGCAACCCTCTACAATGATC
S-SR-6-F	AGGTTCTTGTGCGAGGTGTTCTTG
S-SR-6-R	AGGACGGGCTTGGAGCTTATCAG
S-SR-7-F	AGATGGTAGTGGCGGTGGAAGG
S-SR-7-R	TTTTCTGACTTGCCCCAGGAAGAC
S-SR-8-F	GACCCAACAGTAAAGCGGCAGAG
S-SR-8-R	CCACACAGCAACTTGACGCAAAC
S-Ca-9-F	GGTTGGCCAGGGCTGCTATA
S-Ca-9-R	GCCACCATAGGGCGGTAGTT
S-HG-10-F	GGTCGCTACATAGGTGCCATCTTG
S-HG-10-R	TCAGACGCCATAACCAGCATTCTG
S-Ca-11-F	AGCCCGAACCACCAGCAGAG
S-Ca-11-R	GCCTCAGATTCTTCCGCAGCAG
S-Ca-12-F	CGCCTCTATGCTCGTTGGAACC
S-Ca-12-R	TTCTGCTTCTTACCCTCCTCTCC
ACT-1-F	TGTATGCTGGTATTGCTGACAGGATG
ACT-1-R	AGTAGACAAGGAGCCAAGAATTGAACC
UN-2-F	TGTGGTATCTGCTGATGGTGTCTTAC
UN-2-R	GGGTGCTTGTAGTCTGGTTGAGTG
TA-3-F	GACGACTCCTTCAACACCTTCTTCAG
TA-3-R	CCAGTGCGGACCTCATCAATTACAG

HP-4-F	GGGTATCAACTTCCAAGGGCTTCC
HP-4-R	GCAGACGCTCCACCATGACTTC
PG-5-F	CGCTGGATACGGAGGACTTCAAC
PG-5-R	TCTCGTCTTCGTACCAGTGGATACC
MSP-6-F	CTCAAGGATGGTCAGGTGCTATGC
MSP-6-R	CCATCATCTTGAAGTCTCCACCAGAAG
JU-7-F	ATTACTGGTGGATCAAGGCGTTCTTC
JU-7-R	CTGCTGTGTTGCTGGGATAGTGTAG
AC-8-F	ACGAGATGCGACAAGACGAACAC
AC-8-R	GGAGACAAGGACGAAGACACAGAC
