molecules

MDPI

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

Gene	GeneBank no.	Forward sequence (5′-3′)	Reverse sequence (5′-3′)	Product size (bp)
β-actin	NM_007393.5	GGACCTGACAGACTACCTCA	GTTGCCAATAGTGATGACCT	208
CYP24	NM_009996.4	AGT GAA CCT GTG GAG ATG CTG	AGT TGT CCC ATG CTC TGG TC	201
CYP27	NM_010009.2	GTG GGC TCA GTG TTT GTG TC	CAT ATC CTCCTC AGG CTT TC	189
HMOX1	NM_010442.2	CACGCATATACCCGCTACCT	CCAGAGTGTTCATTCGAGCA	175
MCK	NM_007710.2	CAT GGA GAA GGG AGG CAA TA	GAC GAA GGC GAG TGA GAA TC	233
MHCI	NM_080728.3	TCG AGG CTT CTG GAA GTT GT	GGC ATT GAG TGG ACC TTC AT	189
MHCIIa	NM_001039545.2	ATA CCA GCG CTT CCT TCT CA	GTC TAA GGC CAA GGG AAA CC	182
MHCIIb	NM_010855.3	GGA AAA CTC GCC TGA CTC TG	GGA GAA GAG CGA GCT GAA GA	207
Myoglobin	NM_013593.2	AAGGGCTCAGAGGACCTGAA	TGTGATTGGGCTAGAGGCTG	119
NRF1	NM_001164226.1	AAGTATTCCACAGGTCGGGG	TGGTGGCCTGAGTTTGTGTT	~~253~~238
Nrf2	NM_010902.4	CTCGCTGGAAAAAGAAGTGG	CCGTCCAGGAGTTCAGAGAG	240
PGC1α	NM_008904.2	GGGCCAAACAGAGAGAGAGG	~~GCTCTGAAGCACATGGTCAA~~GTT TCG TCC GAC CTG CGT AA	~~176~~250
SIRT1	NM_019812.3~~2~~	TACCCCATGAAGTGCCTCAA	AACCAATTCCTTTTGTGGGC	~~215~~203
Tfam	NM_009360.4	GAGGCCAGTGTGAACCAGTG	GCTCTGAAGCACATGGTCAA	~~176~~158
TXNRD1	NM_015762.2	CAGCGAGGAGACCATAGAGG	GCACATTGGTCTGCTCTTCA	155
VDR	NM_009504.4	CTA GAGGTG TTC GGC AAT GA	AGG AGA AAG GAT GAG CCA GA	187

CYP24, 1,25-dihydroxyvitamin D(3) 24-hydroxylase; CYP27, 25-Hydroxyvitamin D3 1-alpha-hydroxylase; HMOX1, heme oxygenase 1; MCK, muscle creatine kinase; MHC, myosin heavy chain; NRF1, nuclear respiratory factor 1; Nrf2, nuclear factor erythroid 2-related factor 2; PGC1α, peroxisome proliferative activated receptor gamma coactivator 1α; SIRT1, sirtuin 1; Tfam, mitochondrial transcription factor A; TXNRD1, thioredoxin reductase 1; VDR, vitamin D receptor.

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