





University of Groningen

Living on the edge

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Supplemental Table S11: List of primers used for the real-time PCR

gene name	gene name gene name complete	Locus	Forward primer sequence 5'-3'	Reverse primer sequence 5'-3'	TaqMan Probe sequence 5'-3'
Cpt1a	carnitine palmitoyltransferase 1a	NM_013495.1	CTC AGT GGG AGC GAC TCT TCA	GGC CTC TGT GGT ACA CGA CAA	CCT GGG GAG GAG ACA GAC ACC ATC CAA C
Cpt1b	carnitine palmitoyltransferase 1b	NM_009948 / NM_013200	CCA GAT GGA GAG GAT GTT CAA CA	AGA AGC GAC CTT TGT GGT AGA CA	NM_009948 / NM_013200 CCA GAT GGA GAG GAT GTT CAA CA AGA AGC GAC CTT TGT GGT AGA CA CCC AGG CAA AGA GAC AGA CTT GCT ACA GC
Cpt2	carnitine palmitoyltransferase 2	NM_009949	CAG TGC ACA GAA GCC TCT CTT G	CTT CCC AAT GCC GTT CTC AA	CAC AAC ACT TCT GTC TTC CTG AAC TGG CTG
SCAD	Short-chain acyl-CoA dehydrogenase	NM_007383	ATGGTGACAAATCGGCTGTT	CCGGGCAGTGGTAA	CCCTCAGTGAGCCAGGCAATGGC
MCAD	Medium-chain acyl-CoA dehydrogenase	NM_007382	GCA GCC AAT GAT GTG TGC TTA C	CAC CCT TCT TCT CTG CTT TGG T	CCC TCC GCA GGC TCT GAT GTG G
lcaD	Long-chain acyl-CoA dehydrogenase	NM_007381 / NM_012819	NM_007381 / NM_012819 TAC GGC ACA AAA GAA CAG ATC G	CAG GCT CTG TCA TGG CTA TGG	CAC TTG CCC GCC GTC ATC TGG
VLCAD	Very-long chain acyl-CoA dehydrogenase	NM_017366	TCCTCAACACGGAAGATTCG	GATCAACCGCCTTGGCAAT	CCTCGCAGGCACCATGAAATCCC
CROT	Crotonase	NM_053119.2	GTGAACTTGCCATGATGTGTGA	GGTCCCCAGGAGGATTTCTG	TCATCTATGCTGGCGAGAAAGCCCA
M/SCHAD	Medium/short-chain hydroxyacyl-CoA dehydrogenase	NM_008212.4	TGAAGCTGAAGAACGAGCTGTT	GTGATCTGCAAAGAAGACGTGTTG	CTGGACAAGTTCGCTGCAGAACACACC
MTPα	Mitochondrial trifunctional protein subunit alpha	NM_178878.2	CCAAGAAGCAACACGAATATCACA	GCATGCTATGGCAAGCTCAA	AAACTTGAAAAGTCCCCAAAGCCCGTTG