

RT qPCR primers	
Mm PGC1 alpha F	5'-CCGATCACCATATTCCAGGTC-3'
Mm PGC1 alpha R	5'-GTGTGCGGTGTCTGTAGTGG-3'
Mm UCP1 F	5'-CACCTTCCCGCTGGACTGC-3'
Mm UCP1 R	5'-TTGCCAGGGTGGTGTGTCC-3'
Tfam F	5'-GCTCTACACGCCCTGGTTTCTGG-3'
Tfam R	5'-TCGCTGTAGTGCCTGCTCCTG-3'
mCAD F	5'-GATCGCAATGGGTGCTTTTGATAGAA-3'
mCAD R	5'-AGCTGATTGGCAATGTCTCCAGCAA-3'
ATP synthase F	5'-GCCCGGGTAGCTCTGACTGGTTTG-3'
ATP synthase R	5'-GTCGGTGGCTAGGGTGGGCTGGTA-3'
NADH DHase F	5'-TTCCTCTGGATTCACCCTCA-3'
NADH DHase R	5'-CATGAGGAGCGGAGTATT-3'
CytC oxydase F	5'-ACCACAGCACTGGTTTTGGA-3'
CytC oxydase R	5'-TAATGGTTCGCCATCTGAGGA-3'
SDHA F	GAAAGGCGGGCAGGCTCATC
SDHA R	CACCACGGCACTCCCCATTTT
CPT2 F	5'-GGCCAGGGCTTTGACCGACT-3'
CPT2 R	5'-TGCCAAAGCCATCAGGGACCAC-3'
NRF1 F	CCCCGAGGACTTCTTATGATG
NRF1 R	GGCCGTTTCCGTTTCTCCCTGTT
NRF2 F	5'-CCGCTACACCGACTACGATT-3'
NRF2 R	5'-ACCTTCATACCAACCAAG-3'
SOD2 F	ATCTGTAAGCGACCTTGCTC
SOD2 R	GCCTGCACTGAAGTTCAATG

Mitochondrial DNA	
mND5	5'-GGCAGACGAACAAGACATCCG-3'
mND5	5'-GCTAGGCGTTTGATTGGGTT-3'
m16s F	5'-CCGCAAGGGAAAGATGAAAGA-3'
m16s R	5'-TCGTTTGGTTTCGGGGTTTC-3'
LN11 F	5'-TGGCAGGCAGCTTGGTAGTC-3'
LN11 R	5'-AATGGCTGGGACAGAGCAGC-3'
mHK2	5'-GCCAGCCTCTCCTGATTTAG-3'
mHK2	5'-GGGAACACAAAAGACCTCTTC-3'

Supplemental table of primers used to perform RT qPCR analysis presented in figure 4 and 5