

Supplemental Table S1. Primer Sequence

Gene	Forward	Reverse
<i>hNDUFA9</i>	CGA GAC TGG GAA ACC AAA AA	GCT TCC TTG GAC AGT TGA GC
<i>hSDHB</i>	GAC ACC AAC CTC AAT AAG GTC TC	GGC TCA ATG GAT TTG TAC TGT GC
<i>hUQCRC2</i>	TCT TGT CCA TGC TGC TTT TG	CGA GGA CAT GCT GAA GAA CA
<i>hCOX4</i>	GCC ATG TTC TTC ATC GGT TT	GGG CCG TAC ACA TAG TGC TT
<i>hATP5A1A</i>	GTT GGT GTT GTC GTG TTT GG	CAA CTG GAA CGT CCA CAA TG
<i>hPPARGC1A</i>	CTG TGT CAC CAC CCA AAT CCT TA	TGT GTC GAG AAA AGG ACC TTG A
<i>hTFAM</i>	ATG GCG TTT CTC CGA AGC AT	TCC GCC CTA TAA GCA TCT TGA
<i>hHSPD1</i>	ATG CTT CGG TTA CCC ACA GTC	AGC CCG AGT GAG ATG AGG AG
<i>hDNAJA3</i>	TCA CCC TGA CAC AAA TAA GGA TG	AGG ATG AGA ACT CGC CAA AGA T
<i>hCLPP</i>	TTG CCA GCC TTG TTA TCG CA	GGT TGA GGA TGT ACT GCA TCG
<i>hLONP1</i>	AGC CTT ATG TCG GCG TCT TTC	CGT CCC CGT GTG GTA GAT TTC
<i>hYME1L1</i>	AGG GAC CTT GGA TTA TCT GAA CT	TGG GAT GTA TGC CAA TGG GAA
<i>hHTRA2</i>	TAG GGA ACT GGG GGC TGT AT	TCT TTT CCC CAC GAT GCA GA
<i>hUSP30</i>	TCC ATG TCA TTA CCT CGT CAT TG	CCA GGG AAT GCA CAT CAA ACA

hNDUFA9, human NADH:ubiquinone oxidoreductase subunit A9; *hSDHB*, human NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 8, mitochondrial; *hUQCRC2*, human ubiquinol-cytochrome-c reductase complex core protein 2; *hCOX4*, human cytochrome c oxidase subunit 4; *hATP5A1A*, human ATP synthase F1 subunit alpha; *hPPARGC1A*, human PPARG co-activator 1 α ; *hTFAM*, human transcription factor A, mitochondrial; *hHSPD1*, human heat shock protein, mitochondrial; *hDNAJA3*, human DnaJ heat shock protein family (Hsp40) member A3; *hCLPP*, human caseinolytic mitochondrial matrix peptidase proteolytic subunit; *hLONP1*, human Lon protease homolog, mitochondrial; *hYME1L1*, human YME1 like 1 ATPase; *hHTRA2*, human HtrA serine peptidase 2; *hUSP30*, human ubiquitin specific peptidase 30.