

Supplemental Table 2.

Primer sequences for mitochondrially-encoded genes used in the microarray experiment.

A are forward primers and B reverse primers.

nad1 **A** ACGTACATAGCTGTTCCAGC
B TAATTACTAGACCGACCCGC

nad2 **A** GTAAGCTTCGGGCTTTCCTGAGG
B ATTCTAGATTGTCCGGTCGTACC

nad3 **A** CAGAATTCGAGAAAACAAAGTGGGC
B TTGGATCCCCTATCACTTTACTCCC

nad4 **A** GAGACAAAGAAAGATCAAGGC
B AGCAATGATCTTCTTTAGATCG

nad4L **A** ATTATTTCTATTTTAGGTATTTCGG
B TTCTACAGCAATAGTACCTCG

nad5 **A** CATCCATAAGTAGCTTGGTCC
B CGATGACCCTCTTTAGATCG

nad6 **A** GGTTTGATGGTTGCACGTGC
B CCTCCTCATTATAGTCCTCC

nad7 **A** ACTCATGCTATGGATGTGGG
B AACATTACACCACTGAATCCC

nad9 **A** TGGAAAGATCGGAACATGGG
B GGATCATCATAGCGTACTTGG

cob **A** ATTACAAGCTTAGCTAGCGC
B GCTTTGTCAGGTATACTACG

cox1 **A** TTCATTCTGGTTGTTGCCAC
B CGAAGAACCAAAAGAGATGC

cox2 **A** CAATTAGGATCTCAAGACGC
B TGTCAAAAGTGAGTGACTION

cox3 **A** ATACCATGTTTCGTATGGTGG
B AAACCATGAAAGCCTGTTGC

atp1 **A** CTTGAGAATGAGAATGTCCG
B TTAATTGTCCCACAGTCGAG

atp6 **A** ACATCTTCTGCTTCCACC
B TCATCAGCAATGGACTGC

atp8 **A** ATGGAGATGGAGTACTTGGG
B AATTCCTACAAGTGATCCACC

atp9 **A** CAACCCGAGATGTTAGAAGG
B TTGCTTTATGAGACTGAATGG

ccmFN2 **A** CTCGTATATCGTCGTAACGC
B TGGATTTTGCGAGCTGTTCC

ccmB **A** TCAAAGACCAGAAGCTACGC
B CAAGATACGGGTTGAGAAGG

ccmC **A** TTTATGGTCGTGCCTTGTGG
B TTTCGTCGTTGCTCATTCCC

ccmFN1 **A** ACAAGAAACAACCACCAGCG
B TCCTTTCAGGATAAAGCGGC
ccmFC **A** CGAAGCTTAAGACCCTTTCTTCGACG
B GAGAATTCAGCCCAGCAAGAAGTTC

rpl2 **A** ATCTGAAACGAAGCACTTCC
B CTCACTTTCTGTCTCATTCG
rpl5 **A** TCATTACGAAGATGTATCACG
B AGTCTCATCTTGTGTGTTGG
rpl16 **A** CGGAATTCAGTAAATATCGTAAAGGC
B TAGGATCCTACGTTACGACCACTG

rps3 **A** AGGAATTCTTGGTGAATGGAAGCCC
B TAGGATCCATATTTTCGTACGTTTCGG
rps4 **A** CGGAATTCAGGGACGCAATGTGGC
B GTAAGCTTGAGTGACTACGCCGATC
rps7 **A** ATGAATTCGAAATTTTCAGCTATATGG
B CTTCTAGAGTGGTCTCACTTTACC
rps12 **A** AAGGATCCGAAAGAGAATAATGCC
B TCAAGCTTCATCTTCCATTCATATCG

orfX **A** CGTTCGGATATTGATCGG
B ACCGATGGAATGAACG
orf25 **A** TGAGTATTACGAATATGGATGG
B ATGCGACGGGAAGAAGTGG
matR **A** TAAGAGCATGCAACGCAAAGC
B TGTAGGAAATGGGCGATACG
Ψsdh4 **A** ATGAAGGAACGAAAGAGTGGATTAC
B GAATTCGGTCATTTCTTGGTGAACATGATC

orf294 **A** TGAATGACGCTATTGTTGC
B GGATGTGTAAGTTGCGGAGG
orf291 **A** TCGTCGGAGGATTCTTTTGG
B GTCTGAGAAGGTCACGCTC
orf262 **A** TTACTGTCTTTATGGG
B GAGAATTCCAGCACGGTATG
orf240a **A** ATTTTGTTTGGGGGCTGAGG
B AGATACGAAAATGGCGCTGG

rrn26 **A** TTTTCAAGTGTCAGTAGCGG
B TTGACTATGACAAGAGTCGC
rrn18 **A** ACGAATTCCTACCACTGCAGGGC
B GAGGATCCAAGTCCATCGCGAAGG
rrn5 **A** TCGAATTCGTTTCATCAATCGGAAATC
B AAGGATCCATTTTATTTCTTCACCGG

EST clones representing nuclear-encoded genes used in the microarray experiment.

Transcript	EST accession
B14 SU	98F13T7
40 kDa SU	105E19T7
76 kDa Fe-S SU	110C18T7
PSST SU	116H21T7
sdh2 Fe-S	97G5T7
cyt c1	123I17T7
11 kDa SU	83H9T7
14 kDa SU	157P5T7
MPP a SU	91H16T7
MPP b SU	113G19T7
cox Vc	245H11T7
cox Vib	147A24T7
cox Vb	235H7T7
atpase b	107I9T7
atpase b	93E4T7
atpase d'	110H13T7
atpase g	217D21T7
atpase 6kDa SU	240K2T7
rps24	E7B6T7
rps14	144N3T7
RNA pol III 160 kDa	94D1T7
Chloro RNA pol	175A4T7
RNA pol II 13.3 kDa SU	E5F10T7
RNA pol II elongation factor	E2C2T7
transcription factor tga1	91C23T7
transcription factor SF3	111C13T7
transcription factor BTF3	151L19T7
heat shock transcription factor (HSTF8)	167D24T7
Mito RNA pol	custom primers
Glu tRNA synthetase	108C4T7
Arg tRNA synthetase	144G13T7
Gly tRNA synthetase	117F7T7
Mito elongation factor G	114P12T7
elongation factor eEF-1	161F17T7
elongation factor Tu	205P2T7
citrate synthase	123C9T7
aconitase	131K21T7
aldolase c1	E11C12T7
enolase	206G21T7
hexokinase 1	201B5T7
mito malate dehydrogenase	85A11T7
cyto malate dehydrogenase	F4H12T7
phospholipase D	114E18T7

phosphoinositide-spec phospholipase C	106H3T7
acyl-desaturase	160P15T7
acetyl-coA carboxylase	156K18T7
glutamate dehydrogenase	134D5T7
aspartate aminotransferase Asp2	91N10T7
pyruvate dehydrogenase E1, b SU mito	143E5T7
pyruvate dehydrogenase E1, a SU mito	216N14T7
NADP-dep malic enzyme	137K24T7
cytosol pyruvate kinase	110J2T7
plastid pyruvate kinase	64A6T7
ADP-glucose pyrophosphorylase	213J5T7
atpase d	71D2T7
atpase e	E2D1T7
rubisco (M86720)	91I8T7
rubisco b SU	121J16T7
glutathione S-transferase ERD11	90L23T7
glutathione S-transferase PM24	110B6T7
glutathione peroxidase, cytosolic	88H14T7
glutathione peroxidase, chloroplast	221J22T7
L ascorbate peroxidase, cytosolic	141O18T7
L ascorbate peroxidase, chloroplast	246B12T7
aldose reductase, AR (aldehyde reductase)	215C1T7
Mn superoxide dismutase	123N9T7
LON protease (Ser prot, ATP dep)	171P22T7
subtilisin like protease (Ser)	91I22T7
Cys protease (drought inducible)	228K16T7
26S protease AAA ATPase SU (RPT3)	191I3T7
CLPP like protease (nClpP2)	98H22T7
thiol (Cys) protease rd21A	113J22T7
ATP dep CLP protease (ClpP1)	153H24T7