

Table S2. Primers used in this work.

| Usage | Primer name | Sequence |
|--------------|--------------------|----------------------------|
| Mapping | Umc1331-1s | TTATGAACGTGGTCGCTGACTATGG |
| | Umc1331-1a | ATATCTGTCCCTCTCCCACCATC |
| | AC206957-15s | TAGCTAGCTCGTGCACTTGG |
| | AC206957-15a | TAGCTGCGAGAACCTCCTGT |
| | Umc1819s | TATTCAGCAATGTATTCCCCCTGT |
| | Umc1819a | GCTGCTCTAAAATCATGCTGATAAAA |
| | AC191423-10s | TGGCAACGCTTTTCGCTTTAC |
| | AC191423-10a | AGGGGAAATCCCTCAACTGT |
| | AC197739-6s | ATGGTACAAAATTCTAGCCAGG |
| | AC197739-6a | ACGTGTGTGTTTGGTTTCGC |
| | AC185589-3s | ATTGGCTGAAGGCAGAACCA |
| | AC185589-3a | GTGGGTCCTCCTCAATATTCACA |
| | Indel-1s | AGCTTGCAAGGATGCCCATAA |

| | | |
|--------|----------|-------------------------|
| | Indel-1a | AACACCCTGGAGAATCCCTG |
| | Indel-2s | TGCATTGGCATCAACAGTCG |
| | Indel-2a | CTAGCTTGCAGTTGAGGGAG |
| | Indel-3s | CCCCACTAGCTTTGTCTCTGC |
| | Indel-3a | AGCATCAAATGACGAGGAATGA |
| | SNP-1s | TTGGTGCGAAAATGGCATGG |
| | SNP-1a | GCAAGCAGGAGTAGCCATCA |
| RT-PCR | nad1-F | GGCCCGATCATGAGTGAATA |
| | nad1-R | GCCCCCTTCAGAAGAACTT |
| | nad2-F | GACGGAGGAGAGGAAATGAA |
| | nad2-R | GCAGTCCACCCTTTCTTTGA |
| | nad3-F | CTTTCCTATGTCCTTCCCCC |
| | nad3-R | GAGGAGAGCGAGAGAACGAA |
| | nad4-F | CAGTCACCCGGAGAAGATTT |
| | nad4-R | TAATTTGGCGCCTGATTGAC |
| | nad4L-F | CTGACATTCCATGTTTCCGA |
| | nad4L-R | GAAGAGAACGAAAGGAGAACAGA |
| | nad5-F | CGCTCGAACATTGTCTGATT |
| | nad5-R | GTCCTGGCAAGCTCCTACAG |
| | nad6-F | TGGAAAAACCAAACCCACAT |
| | nad6-R | CAAGTTCCTTGGCGTAGTC |
| | nad7-F | GTTTTGGCTCGCAATAAAGC |
| | nad7-R | CAGGTGGGACAAGCTCTAGG |
| | nad9-F | AGCAAGAAGCGGAACAAAAA |
| | nad9-R | TATTGATTTGTCCCCTCCCC |
| | rps1-F | AAGGTGGGCTTCGGATTATT |
| | rps1-R | TCTTCAGTTTTACGCTTACGCT |
| | rps2A-F | CAGGAAAGATATTTGCCCCA |
| | rps2A-R | CCTGTATCTCCGAAACGAA |

| | |
|------------|--------------------------|
| rps2B-F | TCCATGGACCCACGAAAAAT |
| rps2B-R | GGCCCCTCTCTGATAAGGAA |
| rps3-F | GCAGAAAGGGGCAAAAGTAA |
| rps3-R | TCGCGACCCCTACTACATCT |
| rps4-F | AGAGTTGGGTTGATTCCCT |
| rps4-R | AGCGACTAGGCCGATCTTTT |
| rps7-F | TTCGTTGGAAAAACCTACGC |
| rps7-R | ATGAGGAAGGCCGATTTTCT |
| rps7-ct-F | TTGAACCTCTTTCACGCTCA |
| rps7-ct-R | TTCCGATCGAGATGTATGGA |
| rps12-F | CTAGCTGCTTCCATATCGCC |
| rps12-R | CGGATCGGGAGTAACCACTA |
| rps12-ct-F | TGTACGGTTCTGTAGAGGGACA |
| rps12-ct-R | TCCGTTTTCTTTTTATAAGGGC |
| rps13-F | TCATGATGATTAAGGGAAGAGTGA |
| rps13-R | TTGAATTGAACAGTGTGATTGAT |
| rpl16-F | GGTTTTTCCCCACTAACCAA |
| rpl16-R | GGGTGCGGAAATAGCTAGAA |
| atp1-F | CGTTGCTGGTGAAGAAGCAT |
| atp1-R | AAAAGCGGATTTATCCATCG |
| atp4-F | AGCCACGTGCTCTAATCCTC |
| atp4-R | TCCCTTTCTCTTGAGCAGA |
| atp6-F | CCAAGTCTCTTTTGGGAGCA |
| atp6-R | GGCTCCTCGTTTTTATGCAA |
| atp8-F | GGCAAGGATCCTCAGTCCTA |
| atp8-R | GAGGGTTGGTTTGATTGGAA |
| atp9-F | AGGGGCTCGTCATCTCTAT |
| atp9-R | TAGTTGCGAAGGAAAAGCGT |
| Mat-r-F | AACGCCTGTTGCTAAAAATC |

| | | |
|---|------------|-------------------------|
| | Mat-r-R | AGGCTTTGCTCCCCTTTTT |
| | mttB-F | TTGGTTTAGAATTGCTCGGG |
| | mttB-R | AGGGGGAACCCTACCGAC |
| | ccmB-F | AGCCGTCGAAGTGAATGAAT |
| | ccmB-R | AACGGCTTTTCCATGACTTG |
| | ccmC-F | ACTTGCAAGGCAAGGAAAAA |
| | ccmC-R | CCATGGATGCTTTAGCGAGT |
| | ccmFC-F | GAGAAGCTCAAATCGAACGG |
| | ccmFC-R | CGCAGCCACTATTTTGACTC |
| | ccmFN-F | TGAAGATTGTAAGGCGTTTCC |
| | ccmFN-R | GGATCATCCTGTGGTTACCG |
| | cox1-F | GGCCCCTCTCTGATAAGGTT |
| | cox1-R | GTTAAGGCAAAGCCCAAACA |
| | cox2-F | GTCCTACTTCTGGTGCTGCC |
| | cox2-R | GAGAATTGCATTTCCGCTTC |
| | cox3-F | TCAATCCACTTATTCGTTCCC |
| | cox3-R | GTTTACATACAACCGGGGCA |
| | cob-F | ATCAAGGCAAGGGGGTAAAT |
| | cob-R | GGTGTGATCAGTCTCATCCG |
| | 18s rRNA-F | AAACGGCTACCACATCCAAG |
| | 18s rRNA-R | ACTCGAAAGAGCCCGGTATT |
| RT-PCR and Real-time PCR for splicing efficiency analysis | nad1exon1F | GCAACGTAGAAAGGGTCCTG |
| | nad1exon2R | TGAGCTGCAGATCGTAATGC |
| | nad1exon2F | TCGAAATATGCCTTTCTAGGAG |
| | nad1exon3R | ATTCAGCTTCCGCTTCTGG |
| | nad1exon3F | GTCATGGCGCAAAGCAGATATGG |
| | nad1exon4R | AGAGCAGACCCCATGAAGA |
| | nad1exon4F | TCTTCAATGGGGTCTGCTCT |
| | nad1exon5R | AGGGAGCCATCGAAAGGTGA |

| | |
|------------|---------------------------|
| nad2exonF1 | GACGGAGGAGAGGAAATGAA |
| nad2exonR1 | GCCGGGATCATTAAAGAGCATAAC |
| nad2exonF2 | CTCGCAGTATGCTCTTAATGATCC |
| nad2exonR2 | GGAAGTGCAGTAATCTTGAATAGGG |
| nad2exonF3 | TCTACTGGAGCTACCCACTTCGA |
| nad2exonR3 | GGTTTGCCGTAATGCTGGA |
| nad2exonF4 | TTCCAGCATTACGGCAAACC |
| nad2exonR4 | GCAGTCCACCCTTTCTTTGA |
| nad4exon1F | GGTCCTATTCTCTGTCCCGTGC |
| nad4exon2R | GTAATCGGTGGTTCCTGTTTGG |
| nad4exon2F | TCATTATAGGGGTATGGGGTTCG |
| nad4exon3R | CTAGTGCCGGGTAAACTCATATTG |
| nad4exon3F | TAGTCCGAACATACCGGGAATTG |
| nad4exon4R | CTTACGGATGTATGCATGCAGTC |
| nad5exon1F | CGCTCGAACATTGTCTGATT |
| nad5exon2R | AGCAGATACTGGAGTGGGAC |
| nad5exon2F | GTCAGTCTGGCGTTTTTC |
| nad5exon3R | TACCTAAACCAATCATCATATC |
| nad5exon3F | GATATGATGATTGGTTTAGGTA |
| nad5exon4R | GCCAATCGTCGGAATGTG |
| nad5exon4F | TTGCCGAATCCGAGTTTG |
| nad5exon5R | GTCCTGGCAAGCTCCTACAG |
| nad7exon1F | TAATTTGGCGCCTGATTGAC |
| nad7exon2R | CTCGATTAATTTCTCAGTCCCTC |
| nad7exon2F | GCCTCTTGGCTTATGTGAG |
| nad7exon3R | CCGAACACTTTGTGCGCATCT |
| nad7exon3F | GAGGGACTGAGAAATTAATCGAG |
| nad7exon4R | CTCGACATAAGCCAAGAGGC |
| nad7exon4F | AGATGCGACAAAGTGTTCGG |

| | | |
|---|-------------|---------------------------|
| | nad7exon5R | GTTTTGGCTCGCAATAAAGC |
| | cox2exon1F | GTCCTACTTCTGGTGCTGCC |
| | cox2exon2R | GAGAATTGCATTTCCGCTTC |
| | rps3exon1F | GCAGAAAGGGGCAAAAAGTAA |
| | rps3exon1R | CAGAGCGGGACTTCTTTGGTA |
| | ccmFCexon1F | CGATAGGTCAGCGAAGCGTG |
| | ccmFCexon1F | AGACCTCGCAAACAACAACGT |
| | cox2-exonF1 | GCTCTGTTATACTCAATGGACGGG |
| | cox2-exonR1 | AGATGAGTTTTGGCTGGTACAACC |
| | rps3-exonF1 | TTTCGGTAAGACTTGATCTGAATCG |
| | rps3-exonR1 | TATCCTTTCCGGGTCTTGATTTGTC |
| Real-time PCR for expression level analysis | AOX1-F | CCTATTGGACCGTCAAATTACTGC |
| | AOX1-R | CACTGTTTCCAGCATCATAGCAC |
| | AOX2-F | CCAAGACGCTGATGGATAAGGT |
| | AOX2-R | CCACGGTTTCCAGCATCAT |
| | AOX3-F | CGGCACCGAGAAGCATGA |
| | AOX3-R | CTGGTCCACTTCCACTCCGT |
| | actin-AOX-F | ATGGTCAAGCCGGTTTCG |
| | actin-AOX-R | TCAGGATGCCTCTCTTGGCC |