

**Table S6. Oligonucleotides used in the sequencing of mtRNAs.**

gene target	oligonucleotide sequences (5'-to- 3')
<i>nad1</i> intron 1	Forward: GCAACGTAGAAAGGGTCCTG
	Reverse: CAAGGAGAGGTTACCATGA
<i>nad1</i> intron 2	Forward: TCGAAATATGCCTTTCTAGGAG
	Reverse: AACGGGCGGCATCGTTGTA
<i>nad1</i> intron 3	Forward: GTCATGGCGCAAAAGCAGATATGG
	Reverse: TGGTTCCCAAGGATCCAATAT
<i>nad1</i> intron 4	Forward: TCTTCAATGGGGTCTGCTCT
	Reverse: TCACCTTTCAATGGCTTCCT
<i>nad2</i> intron 1	Forward: AGCGGTTTTCCCAGAGATC
	Reverse: TCCAAGAGGAATTGTGCTATG
<i>nad2</i> intron 2	Forward: TTGCCAAATCTTTTTATTATTAAG
	Reverse: CTGATCCGGTCGAGGTGG
<i>nad2</i> intron 3	Forward: AAGATTTTGA CTGGATACGAA
	Reverse: TTATAAAAAGAGGA ACTCGAGCT
<i>nad2</i> intron 4	Forward: CACTACTAATTGGTATCTTTAT
	Reverse: GACTTCGCCGTTCTTTCCC
<i>nad4</i> intron 1	Forward: TTATGGGAAAGAGTATATTATAG
	Reverse: GACCCTATTCTTGAACCCCTC
<i>nad4</i> intron 2	Forward: TAAGTGATGTTAGAAAGCCGT
	Reverse: GGAAATCAGGTTTAAATTTCCA
<i>nad4</i> intron 3	Forward: TTTGTGCGCCCTTTACCGT
	Reverse: TCAATGAAATTTGCCATGTTGC
<i>nad5</i> intron 1	Forward: AGGATCAGAAGGAAGCGCTA
	Reverse: GTGCTTAGGCCCTTCTTC
<i>nad5</i> intron 2	Forward: TATTACTTTGCAGGAGCTATG
	Reverse: GAGAACGAAAGCTTTAGTTTTG
<i>nad5</i> intron 3	Forward: GATATGATGATTGGTTTAGGTAC
	Reverse: GTTAAGGTTGTTGTACACCTG
<i>nad5</i> intron 4	Forward: CACATTCCGACGATTGGCC
	Reverse: ACCTTCTCTCACTCAATAGAT
<i>nad7</i> intron 1	Forward: ATTTTGGACCTCAACATCCTG
	Reverse: CATAGGGCTTTCTATAAGAGG
<i>nad7</i> intron 2	Forward: GGGACTGAGAAATTAATAGAGT
	Reverse: GGATCAGAAAGAAGGGGGC
<i>nad7</i> intron 3	Forward: GCAAAGGATTGGGGATTCAG
	Reverse: AGACTGGTTGTTCTTGGGCT
<i>nad7</i> intron 4	Forward: GGATTTTGACGTACCAGTAGG
	Reverse: TGCCGCCGCGTTTCCCG
<i>cox2</i> intron 1	Forward: CAAATCTCTATTTTGGTACAAC
	Reverse: CTATTATCTTTGTAGAGGAACAG
<i>ccmFe</i> intron 1	Forward: GAAGCTCTCGCCTTACCAA
	Reverse: TACGGACGTAGATGATATCAT
<i>rpl2</i> intron 1	Forward: GGTAAGCAGGGCTTTCTTG
	Reverse: GGAGCTTCATGGGTGTTGC
<i>rps3</i> intron 1	Forward: CGGTAAGACTTGGA AAAAATCG
	Reverse: TAAGCAGCCACCGACCGTT