

Table S3. Location of features in the mtDNA of *O. guangxiensis*

Gene	Strand	Position	Length (nuc.)	Anticodon	Start codon	Stop codon	Intergenic nucleotides
tRNA ^{Ile}	+	1-67	67	ATC			0
tRNA ^{Gln}	-	65-133	66	CAA			-1
tRNA ^{Met}	+	133-198	66	ATG			0
ND2	+	199-1206	1008		ATA	TAA	-2
tRNA ^{Trp}	+	1205-1268	64	TGA			-8
tRNA ^{Cys}	-	1261-1327	67	TGC			2
tRNA ^{Tyr}	-	1330-1396	67	TAC			1
COI	+	1398-2936	1539		ATG	TAA	-5
tRNA ^{Leu2(UUA)}	+	2932-2994	63	TTA			0
COII	+	2995-3664	670		ATA	T	0
tRNA ^{Lys}	+	3665-3734	70	AAG			-1
tRNA ^{Asp}	+	3734-3801	68	GAC			1
ATP8	+	3803-3964	162		ATA	TAA	-4
ATP6	+	3961-4635	675		ATA	TAA	-1
COIII	+	4635-5420	786		ATG	TAA	-1
tRNA ^{Gly}	+	5420-5484	65	GGA			0
ND3	+	5485-5836	352		ATA	T	0
tRNA ^{Ala}	+	5837-5903	67	GCA			1
tRNA ^{Arg}	+	5905-5973	69	CGA			0
tRNA ^{Asn}	+	5974-6039	66	AAC			0
tRNA ^{Ser1}	+	6040-6107	68	AGC			0
tRNA ^{Glu}	+	6108-6172	65	GAA			-2
tRNA ^{Phe}	-	6171-6238	68	TTC			0
ND5	-	6239-7958	1720		ATT	T	3
tRNA ^{His}	-	7962-8027	66	CAC			-1
ND4	-	8027-9358	1332		ATG	TAA	-7
ND4L	-	9352-9636	285		ATA	TAA	8
tRNA ^{Thr}	+	9645-9706	62	ACA			0
tRNA ^{Pro}	-	9707-9771	65	CCA			1
ND6	+	9773-10252	480		ATT	TAA	0
Cyt <i>b</i>	+	10252-11385	1134		ATG	TAA	-1
tRNA ^{Ser2}	+	11385-11449	65	TCA			-2
ND1	-	11448-12419	972		ATA	TAA	-3
tRNA ^{Leu1(CUA)}	-	12417-12483	67	CTA			0
16S rRNA	-	12484-13774	1291				0
tRNA ^{Val}	-	13775-13843	69	GTA			0
12S rRNA	-	13844-14631	788				0
CR		14632-16869	2238				