

Table S3. Location of features in the mtDNA of *V. sinensis* CN/TL.

Gene	Strand	Position	Length (nuc.)	Anti Codon	Start Codon	Stop Codon	Intergenic nucleotides
tRNA ^{Ile}	+	1-64	64	ATC			0
tRNA ^{Gln}	-	76-144	69	CAA			+11
tRNA ^{Met}	+	163-226	64	ATG			+18
ND2	+	227-1249	1023		ATA	TAA	0
tRNA ^{Trp}	+	1248-1316	69	TGA			-2
tRNA ^{Cys}	-	1309-1369	61	TGC			-8
tRNA ^{Tyr}	-	1370-1439	70	TAC			0
COI	+	1399-2976	1578		ATA	TAA	-41
tRNA ^{Leu2}	+	2972-3035	64	TAA			-5
COII	+	3036-3723	688		ATG	T	0
tRNA ^{Lys}	+	3724-3792	69	AAG			0
tRNA ^{Asp}	+	3793-3859	67	GAC			0
ATP8	+	3869-4024	156		ATA	TAA	+9
ATP6	+	4021-4695	675		ATA	TAA	-4
COIII	+	4695-5483	789		ATG	TAA	-1
tRNA ^{Gly}	+	5488-5549	62	GGA			+4
ND3	+	5547-5903	357		ATA	TAG	-3
tRNA ^{Ala}	+	5902-5966	65	GCA			-2
tRNA ^{Arg}	+	5967-6030	64	CGA			0
tRNA ^{Asn}	+	6028-6091	64	AAC			-3
tRNA ^{Ser1}	+	6089-6154	66	AGC			-3
tRNA ^{Glu}	+	6155-6217	63	GAA			0
tRNA ^{Phe}	-	6216-6278	63	TTC			-2
ND5	-	6279-8007	1729		ATG	T	0
tRNA ^{His}	-	8008-8069	62	CAC			0
ND4	-	8070-9416	1347		ATA	TAA	0
ND4L	-	9410-9706	297		ATG	TAA	-7
tRNA ^{Thr}	+	9709-9770	62	ACA			+2
tRNA ^{Pro}	-	9771-9834	64	CCA			0
ND6	+	9840-10355	516		ATT	TAA	+5
Cyt <i>b</i>	+	10355-11489	1135		ATG	T	-1
tRNA ^{Ser2}	+	11490-11556	67	TCA			0
ND1	-	11575-12513	939		ATG	TAA	+18
tRNA ^{Leu1}	-	12515-12578	64	CTA			+1
16S rRNA	-	12579-13801	1223				0
tRNA ^{Val}	-	13802-13867	66	GTA			0
12S rRNA	-	13868-14659	792				0
CR	+	14660-15674	1015				0