

Table S2. Location of features in the mtDNA of *Ephemerella* sp. Yunnan-2018

Gene	Strand	Position	Length (nuc.)	Anti Codon	Start Codon	Stop Codon	Intergenic nucleotides
tRNA ^{Ile}	-	1-66	66	ATC			0
CR	+	67-596	530				0
tRNA ^{Gln}	-	597-665	69	CAA			0
tRNA ^{Met}	+	665-728	64	ATG			-1
<i>nad2</i>	+	729-1751	1023		ATT	TAA	0
tRNA ^{Trp}	+	1750-1817	68	TGA			-2
tRNA ^{Cys}	-	1810-1870	61	TGC			-8
tRNA ^{Tyr}	-	1871-1934	64	TAC			0
<i>cox1</i>	+	1906-3471	1566		ATC	TAA	-29
tRNA ^{Leu2}	+	3467-3531	65	TTA			-5
<i>cox2</i>	+	3533-4240	708		ATG	TAA	+1
tRNA ^{Lys}	+	4221-4289	69	AAG			-20
tRNA ^{Asp}	+	4290-4355	66	GAC			0
<i>atp8</i>	+	4356-4520	165		ATA	TAA	0
<i>atp6</i>	+	4517-5191	675		ATA	TAA	-4
<i>cox3</i>	+	5191-5979	789		ATG	TAA	-1
tRNA ^{Gly}	+	5982-6043	62	GGA			+2
<i>nad3</i>	+	6044-6397	354		TTG	TAG	0
tRNA ^{Ala}	+	6396-6458	63	GCA			-2
tRNA ^{Arg}	+	6458-6519	62	CGA			-1
tRNA ^{Asn}	+	6517-6580	64	AAC			-3
tRNA ^{Ser1}	+	6578-6644	67	AGC			-3
tRNA ^{Glu}	+	6645-6708	64	GAA			0
tRNA ^{Phe}	-	6707-6769	63	TTC			-2
<i>nad5</i>	-	6770-8506	1737		ATA	TAA	0
tRNA ^{His}	-	8507-8570	64	CAC			0
<i>nad4</i>	-	8570-9916	1347		ATG	TAG	-1
<i>nad4l</i>	-	9910-10206	297		ATG	TAA	-7
tRNA ^{Thr}	+	10275-10335	61	ACA			+68
tRNA ^{Pro}	-	10336-10400	65	CCA			0
<i>nad6</i>	+	10403-10927	525		TTG	TAA	+2
<i>cytb</i>	+	10927-12105	1179		ATG	TAA	-1
tRNA ^{Ser2}	+	12062-12130	69	TCA			-44
<i>nad1</i>	-	12148-13086	939		ATG	TAA	+17
tRNA ^{Leu1}	-	13088-13152	65	CTA			+1
16S rRNA	-	13153-14375	1223				0
tRNA ^{Val}	-	14376-14445	70	GTA			0
12S rRNA	-	14447-15222	776				+1