

Table S3. Location of features in the mtDNA of *Serratella zapekinae*

Gene	Strand	Position	Length (nuc.)	Anti Codon	Start Codon	Stop Codon	Intergenic nucleotides
tRNA ^{Ile}	-	1-66	66	ATC			0
CR	+	67-1102	1039				0
tRNA ^{Gln}	-	1103-1171	69	CAA			0
tRNA ^{Met}	+	1172-1237	66	ATG			0
<i>nad2</i>	+	1238-2260	1023		ATT	TAA	0
tRNA ^{Trp}	+	2259-2326	68	TGA			-2
tRNA ^{Cys}	-	2319-2379	61	TGC			-8
tRNA ^{Tyr}	-	2380-2446	67	TAC			0
<i>cox1</i>	+	2447-3983	1554		ATC	TAA	0
tRNA ^{Leu2}	+	3979-4043	65	TTA			-5
<i>cox2</i>	+	4045-4732	688		ATG	T	+1
tRNA ^{Lys}	+	4733-4801	69	AAG			0
tRNA ^{Asp}	+	4802-4867	66	GAC			0
<i>atp8</i>	+	4868-5029	162		ATC	TAA	0
<i>atp6</i>	+	5026-5700	675		ATA	TAA	-4
<i>cox3</i>	+	5700-6488	789		ATG	TAA	-1
tRNA ^{Gly}	+	6488-6550	63	GGA			-1
<i>nad3</i>	+	6551-6904	354		ATG	TAG	0
tRNA ^{Ala}	+	6903-6967	65	GCA			-2
tRNA ^{Arg}	+	6968-7029	62	CGA			0
tRNA ^{Asn}	+	7027-7092	66	AAC			-3
tRNA ^{Ser1}	+	7090-7156	67	AGC			-3
tRNA ^{Glu}	+	7157-7222	66	GAA			0
tRNA ^{Phe}	-	7221-7284	64	TTC			-2
<i>nad5</i>	-	7285-9025	1741		GTG	T	0
tRNA ^{His}	-	9026-9089	64	CAC			0
<i>nad4</i>	-	9089-10435	1347		ATG	TAA	-1
<i>nad4l</i>	-	10429-10725	297		ATG	TAA	-7
tRNA ^{Thr}	+	10728-10790	63	ACA			+2
tRNA ^{Pro}	-	10791-10855	65	CCA			0
<i>nad6</i>	+	10858-11373	516		TTG	TAA	+2
<i>cytb</i>	+	11373-12507	1135		ATG	T	-1
tRNA ^{Ser2}	+	12508-12576	69	TCA			0
<i>nad1</i>	-	12594-13532	939		ATT	TAA	+17
tRNA ^{Leu1}	-	13533-13597	65	CTA			0
16S rRNA	-	13598-14820	1223				0
tRNA ^{Val}	-	14821-14889	69	GTA			0
12S rRNA	-	14890-15660	771				0