Published in Borneo Journal of Resource Science and Technology (2026), 16(1): 181-187

SUPPLEMENTARY MATERIALS

The First Complete Mitogenome of *Hipposideros diadema* (Diadem Leaf-nosed Bat)

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Supplementary Table 1. The mitochondrial genes mapping

Gene	Product	Start	End	Length	Strand	Type	Frequency	Start Codon	Stop Codon
trnF(gaa)	tRNA-Phe	1	70	70	+	tRNA	1		
s-rRNA	12S ribosomal RNA	70	1041	972	+	rRNA	1		
trnV(uac)	tRNA-Val	1041	1111	71	+	tRNA	1		
l-rRNA	16S ribosomal RNA	1109	2674	1566	+	rRNA	1		
trnL(uaa)	tRNA-Leu	2674	2750	77	+	tRNA	2		
ND1	NADH dehydrogenase subunit 1	2752	3709	958	+	CDS	1	ATG	TAA
TrnI(gau)	tRNA-Ile	3708	3777	70	+	tRNA	1		
trnQ(uug)	tRNA-Gln	3774	3847	74	-	tRNA	1		
trnM(cau)	tRNA-Met	3850	3919	70	+	tRNA	1		
ND2	NADH dehydrogenase subunit 2	3919	4963	1045	+	CDS	1	ATA	TAG
trnW(uca)	tRNA-Trp	4961	5029	69	+	tRNA	1		
trnA(ugc)	tRNA-Ala	5033	5102	70	-	tRNA	1		
trnN(guu)	tRNA-Asn	5102	5175	74	-	tRNA	1		
trnC(gca)	tRNA-Cys	5207	5273	67	-	tRNA	1		
trnY(gua)	tRNA-Tyr	5274	5340	67	-	tRNA	1		
COX1	cytochrome c oxidase subunit I	5341	6886	1546	+	CDS	1	ATG	TAA
trnS(uga)	tRNA-Ser	6883	6952	70	-	tRNA	2		
trnD(guc)	tRNA-Asp	6959	7026	68	+	tRNA	1		
COX2	cytochrome c oxidase subunit II	7026	7710	685	+	CDS	1	ATG	TAA
trnK(uuu)	tRNA-Lys	7713	7779	67	+	tRNA	1		
ATP8	ATP synthase F0 subunit 8	7780	7984	205	+	CDS	1	ATG	TAA
ATP6	ATP synthase F0 subunit 6	7941	8622	682	+	CDS	1	ATG	TAA
COX3	cytochrome c oxidase subunit III	8621	9425	805	+	CDS	1	ATG	TAG
trnG(ucc)	tRNA-Gly	9405	9474	70	+	tRNA	1		
ND3	NADH dehydrogenase subunit 3	9474	9822	349	+	CDS	1	ATA	TAA
trnR(ucg)	tRNA-Arg	9822	9890	69	+	tRNA	1		
ND4L	NADH dehydrogenase subunit 4L	9890	10187	298	+	CDS	1	ATG	TAA
ND4	NADH dehydrogenase subunit 4	10180	11558	1379	+	CDS	1	ATG	TAA*
trnH(gug)	tRNA-His	11558	11626	69	+	tRNA	1		
trnS(gcu)	tRNA-Ser	11626	11685	60	+	tRNA	2		
trnL(uag)	tRNA-Leu	11686	11756	71	+	tRNA	2		
ND5	NADH dehydrogenase subunit 5	11756	13577	1822	+	CDS	1	ATA	TAA
ND6	NADH dehydrogenase subunit 6	13560	14088	529	-	CDS	1	ATG	TAA
trnE(uuc)	tRNA-Glu	14088	14157	70	-	tRNA	1		
CYTB	cytochrome b	14160	15300	1141	+	CDS	1	ATG	AGA
trnT(ugu)	tRNA-Thr	15300	15371	72	+	tRNA	1		
trnP(ugg)	tRNA-Pro	15370	15438	69	-	tRNA	1		
D-loop	Control region	15439	16912	1475		Origin	1		

Supplementary Table 2. List of all 16 species, GenBank accession numbers and references for sequences used to construct phylogenetic trees

Species	State, Country	Accession	Reference
Hipposideros diadema	Terengganu, Malaysia	PV256475	This study
Hipposideros armiger	Sichuan, China	JN980966	Xu *et al*. (2012)
Hipposideros caffer	Nyungwe National Park, Rwanda	PP590240	Uwayezu *et al.* (2024)
Hipposideros cervinus	Selangor, Malaysia	OK274263	Jahari *et al*. (2022a)
Hipposideros cervinus	Kuala Lumpur, Malaysia	OK274259	Jahari *et al.* (2022b)
Hipposideros larvatus	Selangor, Malaysia	OK274262	Jahari *et al.* (2022c)
Hipposideros larvatus	Xinxiang, China	MN056567	Liu *et al.* (2019)
Hipposideros lylei	Yunnan, China	OR241127	He *et al.* (2024)
Hipposideros pendleburyi	Trang, Thailand	MZ196220	Kongkachana *et al.* (2021)
Hipposideros pomona	Xinxiang, China	MN056566	Liu *et al*. (2023)
Hipposideros pratti	Fujian, China	OR522715	Jiang *et al.* (2024)
Hipposideros pratti	Guangdong, China	OR522716	Jiang *et al.* (2024)
Hipposideros pratti	Henan, China	OR522717	Jiang *et al.* (2024)
Hipposideros pratti	Jiangxi, China	OR522718	Jiang *et al.* (2024)
Hipposideros pratti	Yunnan, China	OR522719	Jiang *et al.* (2024)
Rhinolophus luctus	Sichuan, China	MK987178	Zhang *et al.* (2021)