

Supplementary Material

Two new mitogenomes of Pellorneidae (Aves : Passeriformes) and a phylogeny of the superfamily Sylvioidea

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Table S1 The primer combinations for amplifying the complete mitochondrial genomes of *Alcippe morrisonia* and *Napothera epilepidota*

Primer Name	Sequence (5 to 3)	Annealing Temperature (°C)	Size (bp)	Primer Name	Sequence (5 to 3)	Annealing Temperature (°C)	Size (bp)
mtDNA1							
QMF1	GTGGACGCAATAGCCATACCG	56	1702	JMF1	CGACCTCTTCTACTCTTCTC	55	1483
QMR1	CTCGTCGATATGGACTCTTGG			JMR1	TGGGGTGATGGGGTCGCTT		
mtDNA2							
QMF2	AACCTCCAAACCTTGGACC	57	1605	JMF2	TATGAGGTGGTAGTAATG	48	1548
QMR2	GGGTTTTGATCCCTTTAGTGC			JMR2	AGTCTAGATGTGTGGTCTA		
mtDNA3							
QMF3	CCACCATACTAAGAACACC	52	911	JMF3	CACATAAGACGAGAAGACC	51	1355
QMR3	GTGTTGGTTGAGTTGAGGG			JMR3	CAGCATGATGTGGCGTATTC		
mtDNA4							
QMF4	CCTAGCATTCTCCTCTATC	48	924	JMF4	CTGGCAACTATAACCCTTAG	50	902
QMR4	GAGTACCAATGTCTTTGTGG			JMR4	AGGAAGTATTTGGTTGCAGC		
mtDNA5							
QMF5	GAACCTCACTACAGAGCCG	49	1074	JMF5	GGTTCAACTCCTTCCCCTGC	55	1407
QMR5	GTAGTGTTGCTAGTCAGCTG			JMR5	GTGTAAGCGTTAGGCTGTAG		
mtDNA6							
QMF6	CGGATTCCCTAGGCTTCATCG	59	1344	JMF6	CATGCCCAACCCAACAGGC	60	1044
QMR6	GTGTAGGACGTCGTCGGCAG			JMR6	ATGTGATGAGCCCATACGATG		
mtDNA7							
QMF7	AGACCTCACATTCGATTC	49	688	JMF7	GTCTACATCCTAATCCTC	53	708
QMR7	CACTATTAGGGATGTTAGG			JMR7	GGATGCAAAGGCTTCTCAG		
mtDNA8							
QMF8	ACCATCCCTCGACAACCG	60	1860	JMF8	CCTAGGCCTGGCAGGAATAC	55	1639
QMR8	CCGTGGAAACAGTGGCAAC			JMR8	GTGGGAAGGCTAGTGCTAGA		
mtDNA9							
QMF9	CAAGCCATCTATGCTCTACCC	59	769	JMF9	CAACCCTACAACCTATGAACC	50	910
QMR9	GAGCCGAAATCAACTGTCTTG			JMR9	GGTCATTGTCCTCCTAGTTC		
mtDNA10							
QMF10	CCATGAGCCATCCAACCTCC	58	652	JMF10	CGAGAAAGCACCTTCCAAGG	55	1013
QMR10	GCGGTTTCAGTGGGACAGG			JMR10	CTGCTCATTCTAGTCCTCC		
mtDNA11							
QMF11	CTCCTTCCCCTGACCTTC	55	805	JMF11	CCTATTCCTACTATTCGACC	51	911
QMR11	GTCGTAAGCAGATGGCGC			JMR11	GATTAGTGTGGCTTCGAATG		
mtDNA12							
QMF12	CTCCTGGCTGCCCTCCTAC	55	795	JMF12	GGTCATTGTCCTCCTAGTTC	48	3271
QMR12	GAGTTAGCAGTTCTTGTGG			JMR12	GATGATCAGTTGAATAGG		
mtDNA13							
QMF13	CTAATCCTCAAACCCGAC	50	813	JMF13	GCCAATACCAACTACGAACG	53	620
QMR13	GGCCATACAGACGATGAG			JMR13	GTCAGGACTAGTGAGAGATCC		
mtDNA14							
QMF14	G TTCATCGGCTGAGAAGGAG	56	825	JMF14	GGAGGTTTAACCAACAAGAAC	51	561

Table S2 A
partition scheme
for the
concatenated
datasets

QMR14	GTGGCTAAAAGGGTGAGGAG			JMR14	GAACAGGATGAATAGGTTG
mtDNA15					
QMF15	CTGCCACTACCACTGCATG	58	789	JMF15	CCAATCGCCCTGTTCGTCTC
QMR15	CGATTAGGGAGTCGTTGACG			JMR15	GCTTGGACCAGTGCAGTTA
mtDNA16					
QMF16	CCCATACTCAGGACTAACC	55	1163	JMF16	GCTTGGACCAGTGCAGTTA
QMR16	GGTGAATGAGGCTAGTTGCC			JMR16	CTGGTGTCTGCTGTGTAGTG
mtDNA17					
QMF17	CACACATCCAACTACGCTC	55	1334	JMF17	CACCCACTTCTAAAAATCATC
QMR17	GGGGGTTGGTTGTAGGAAG			JMR17	GTAGGAATAGGACTAGGACG
mtDNA18					
QMF18	GAAATGGTCACTGGACATAACTC	57	541	JMF18	CAACCTACTAGGGGACCCAG
QMR18	GGTATGGGTTGGGATGGG			JMR18	GTTATGGGCTTGGTATAGG
mtDNA19					
QMF19	CCACGAATAGAACATCCCCAC	56	566	JMF19	TCAACCGTCACCCACCAATC
QMR19	GGGTGCATGAACCTAATGC			JMR19	CCGAGTGGGAACCTATGATA
mtDNA20					
QMF20	CCTACTCGGCCTCTCTCCGAG	55	1293	JMF20	CCTAAACTAACCAACCATC
QMR20	CAGTAAGGTTAGGACTAAGTC			JMR20	CTTATCCTCAAACCATGACA
mtDNA21					
QMF21	CTGCCATTACACCCCATC	50	955		
QMR21	GCTAGTCTCTCTTTACTGC				

Gene	interval (bp)	partition scheme
Nd1	1-975	p1 = 1-975\3, 3568-4246\3, 4411-5094\3, 5095-5877\3, 5878-6225\3, 6505-7875\3, 9691-10830\3
Nd2	976-2016	p2 = 2-975\3, 977-2016\3, 3569-4246\3, 4247-4410\3, 4412-5094\3, 5879-6225\3, 6506-7875\3, 7877-9690\3
Cox1	2017-3567	p3 = 3-975\3, 978-2016\3
Cox2	3568-4246	p4 = 976-2016\3, 4249-4410\3, 7876-9690\3
Atp8	4247-4410	p5 = 2017-3567\3
Atp6	4411-5094	p6 = 2018-3567\3, 5096-5877\3, 9692-10830\3
Cox3	5095-5877	p7 = 2019-3567\3, 3570-4246\3, 4248-4410\3, 5097-5877\3, 5880-6225\3, 6228-6504\3, 9693-10830\3
Nd3	5878-6225	p8 = 4413-5094\3, 6507-7875\3, 7878-9690\3
Nd4L	6226-6504	p9 = 6226-6504\3, 6227-6504\3
Nd4	6505-7875	
Nd5	7876-9690	
Cytb	9691-10830	