

Table S1. List of taxa used for the phylogenetic analyses in this study.

Subfamily	Tribe	Species	Genbank accession number				
			<i>EF-1a</i>	<i>Wingless</i>	<i>GAPDH</i>	<i>RpS5</i>	mitochondrial genomes
ingroups							
Nymphalinae	Kallimini	<i>Doleschallia bisaltide</i>	OQ161157*	OQ161172*	OQ161162*	OQ161167*	OP748221*
Nymphalinae	Kallimini	<i>Kallima inachus</i>	OQ161158*	OQ161173*	OQ161163*	OQ161168*	NC_016196.1
Nymphalinae	Kallimini	<i>Catacroptera cloanthe</i>	AY788724	AY788485	GQ864939	GQ865409	NC_060330.1
Nymphalinae	Kallimini	<i>Mallika jacksoni</i>	-	AY788532.1	AY788772.1	GQ865465.1	NC_050692.1
Nymphalinae	Junoniini	<i>Yoma sabina</i>	KX824720	EU053398	-	-	NC_024403.1
Nymphalinae	Junoniini	<i>Hypolimnias bolina</i>	MG887690	MG887470	MG887087	MG887380	NC_026072.1
Nymphalinae	Junoniini	<i>Junonia lemonias</i>	OQ161159*	OQ161174*	OQ161164*	OQ161169*	NC_028324.1
Nymphalinae	Junoniini	<i>Junonia iphita</i>	OQ161160*	OQ161175*	OQ161165*	OQ161170*	NC_033861.1
Nymphalinae	Junoniini	<i>Precis andremiaja</i>	AY788802.1	AY788562.1	-	-	NC_041242.1
Nymphalinae	Junoniini	<i>Precis octavia</i>	AY788807.1	AY788567.1	-	-	NC_064721.1
Nymphalinae	Junoniini	<i>Protogoniomorpha parhassus</i>	AY788811.1	AY788571.1	-	-	NC_064726.1
Nymphalinae	Junoniini	<i>Salamis anteva</i>	AY788813.1	AY788573.1	-	-	NC_041243.1
Nymphalinae	Nymphalini	<i>Aglais urticae</i>	KY128402	KY128441	FJ639522	FJ639577	LR990014.2
Nymphalinae	Nymphalini	<i>Vanessa indica</i>	GU372606	KX824731	HQ734969	HQ735045	NC_038157.1
Nymphalinae	Nymphalini	<i>Kaniska canace</i>	KY128404	KY128446	KY128414	KY128426	NC_058606.1
Nymphalinae	Nymphalini	<i>Polygonia c-aureum</i>	KX824697	KX824729	FJ639513	FJ639568	NC_052687.1
Nymphalinae	Nymphalini	<i>Inachis io</i>	KY128398	KY128435	FJ639521	FJ639576	LR989926.1
Nymphalinae	Nymphalini	<i>Smyrna blomfildia</i>	AY788816.1	AY788576.1	EU141522.1	EU141426.1	MZ151338.1
Nymphalinae	Melitaeini	<i>Mellicta athalia</i>	FJ462297	FJ462171	MN752801	MN752767	HG992208
Nymphalinae	Melitaeini	<i>Melitaea cinxia</i>	FJ462310	AY788536	EU141518	EU141420	NC_018029.1
Nymphalinae	Coeini	<i>Baeotus beotus</i>	AY788720.1	AY788481.1	-	GQ865400.1	NC_057684.1
Nymphalinae	Victorini	<i>Anartia jatrophae</i>	AY788710.1	KM013098.1	-	KM013202.1	MT712074
Nymphalinae	Incertae cedis	<i>Kallimoides rumia</i>	AY788770.1	AY788530.1	GQ864987.1	GQ865457.1	NC_050691.1
outgroups							
Pseudergolinae	Pseudergolini	<i>Stibochiona nicea</i>	OQ161156*	OQ161171*	OQ161161*	OQ161166*	NC_060638.1
Biblidinae	Biblidini	<i>Ariadne ariadne</i>	MW317953	MW318751	MW317768	MW317503	NC_026069.1
Cyrestinae	Cyrestini	<i>Cyrestis thyodamas</i>	AY218260	AY218278	EU141482	EU141378	NC_026071.1

Note: "*" indicates that the new sequences in this study; "-" indicates the sequences is not obtained.