

Table S5. List of species in this study with their GenBank accession number for 85 plastid genome sequences obtained from National Center for Biotechnology Information (NCBI).

Clade name	Genus name	Species name	GenBank accession numbers
Saniculoideae			
	<i>Sanicula</i>	<i>Sanicula rubriflora</i>	MW690208
		<i>Sanicula orthacantha</i>	MK293943
		<i>Sanicula lamelligera</i>	MT561031
		<i>Sanicula chinensis</i>	MK208987
Apiioideae			
<i>Chamaesium</i> Clade	<i>Chamaesium</i>	<i>Chamaesium delavayi</i>	MN119367
		<i>Chamaesium thalictrifolium</i>	MN119372
		<i>Chamaesium spatuliferum</i>	MN119371
		<i>Chamaesium jiulongense</i>	MN119368
Bupleureae	<i>Bupleurum</i>	<i>Bupleurum smithii</i>	MN854382
		<i>Bupleurum chinense</i>	MN337347
		<i>Bupleurum yinchowense</i>	MT075711
		<i>Bupleurum bicaule</i>	MT534603
		<i>Bupleurum angustissimum</i>	MT534602
Pleurospermeae	<i>Pleurospermum</i>	<i>Pleurospermum camtschaticum</i>	KU041142
		<i>Pleurospermum decurrens</i>	OP425133
		<i>Pleurospermum szechenyii</i>	OP425139
		<i>Pleurospermum franchetianum</i>	MW147498
<i>Physospermopsis</i> Clade	<i>Tongoloa</i>	<i>Tongoloa silaifolia</i>	MN218688
	<i>Hansenia</i>	<i>Hansenia weberbaueriana</i>	KX808491
		<i>Hansenia forrestii</i>	MG197741
		<i>Hansenia forbesii</i>	KX808492
<i>Komarovia</i> Clade	<i>Chuanminshen</i>	<i>Chuanminshen violaceum</i>	KU921430
	<i>Changium</i>	<i>Changium smyrnioides</i>	MN092718
Oenantheae	<i>Cryptotaenia</i>	<i>Cryptotaenia japonica</i>	MK629764
	<i>Cicuta</i>	<i>Cicuta virosa</i>	KX352466
	<i>Oenanthe</i>	<i>Oenanthe javanica</i>	MK303392
		<i>Oenanthe linearis</i>	MT561035
	<i>Trachyspermum</i>	<i>Trachyspermum ammi</i>	MN746303
Scandicinae	<i>Anthriscus</i>	<i>Anthriscus sylvestris</i>	MT561042
		<i>Anthriscus cerefolium</i>	GU456628
	<i>Ferula</i>	<i>Ferula sinkiangensis</i>	MW411057
	<i>Daucus</i>	<i>Daucus carota</i>	DQ898156
	<i>Cuminum</i>	<i>Cuminum cyminum</i>	MN901636
<i>Acronema</i> Clade	<i>Meeboldia</i>	<i>Meeboldia yunnanensis</i>	MK993275
		<i>Meeboldia delavayi</i>	MT843765
		<i>Meeboldia microloba</i>	MT843766
	<i>Pternopetalum</i>	<i>Pternopetalum vulgare</i>	MT561032
		<i>Pternopetalum davidii</i>	MW316663

	<i>Ostericum</i>	<i>Ostericum huadongense</i>	MW436385
		<i>Ostericum grosseserratum</i>	MW436384
		<i>Ostericum citriodorum</i>	MT501096
		<i>Ostericum palustre</i>	MN970215
		<i>Ostericum muliense</i>	OM281949
		<i>Ostericum scaberulum</i>	OM281950
		<i>Ostericum maximowiczii</i>	OM281948
Apiaceae	<i>Apium</i>	<i>Apium graveolens</i>	MK036045
	<i>Petroselinum</i>	<i>Petroselinum crispum</i>	HM596073
	<i>Foeniculum</i>	<i>Foeniculum vulgare</i>	KR011054
	<i>Anethum</i>	<i>Anethum graveolens</i>	KR011055
Hymenidium Clade	<i>Ligusticum</i>	<i>Ligusticum pteridophyllum</i>	MT409617
		<i>Ligusticum tenuissimum</i>	KT963039
		<i>Ligusticum jeholense</i>	MT561037
		<i>Ligusticum chuanxiong</i>	KX594382
		<i>Ligusticum sinense</i>	MH260704
Coriandreae	<i>Coriandrum</i>	<i>Coriandrum sativum</i>	KR002656
Pimpinelleae	<i>Nothosmyrnum</i>	<i>Nothosmyrnum japonicum</i>	MT561036
Tordylieae	<i>Heracleum</i>	<i>Heracleum yunnanense</i>	MN365275
		<i>Heracleum candicans</i>	MK522402
		<i>Heracleum yungningense</i>	MN893285
		<i>Heracleum moellendorffii</i>	MK210561
	<i>Semenovia</i>	<i>Semenovia transiliensis</i>	MK333395
		<i>Semenovia thomsonii</i>	MW371294
		<i>Semenovia gyirongensis</i>	MK757488
	<i>Tordyliopsis</i>	<i>Tordyliopsis brunonis</i>	MW741883
Selineae	<i>Ligusticopsis</i>	<i>Ligusticopsis acaulis</i>	ON359911
		<i>Ligusticopsis brachyloba</i>	MZ491174
		<i>Ligusticopsis capillacea</i>	MT409612
		<i>Ligusticopsis hispida</i>	MT409614
		<i>Ligusticopsis involucrata</i>	MT409615
		<i>Ligusticopsis likiangensis</i>	MT409616
		<i>Ligusticopsis miyiensis</i>	OP850831
		<i>Ligusticopsis modesta</i>	OL547615
		<i>Ligusticopsis rechingeriana</i>	MZ491175
		<i>Ligusticopsis scapiformis</i>	MT409618
		<i>Ligusticopsis wallichiana</i>	OL547616
	<i>Seseli</i>	<i>Seseli montanum</i>	KM035851
	<i>Peucedanum</i>	<i>Peucedanum praeruptorum</i>	MN016968
		<i>Peucedanum japonicum</i>	KU866530
		<i>Peucedanum terebinthaceum</i>	MT671397
		<i>Peucedanum hakuunense</i>	OL362112
		<i>Peucedanum chujaense</i>	MT233391
	<i>Libanotis</i>	<i>Libanotis buchtormensis</i>	MZ707534

<i>Saposhnikovia</i>	<i>Saposhnikovia divaricata</i>	MN539269
<i>Ledebouriella</i>	<i>Ledebouriella seseloides</i>	KT153021
<i>Cnidium</i>	<i>Cnidium monnieri</i>	MT561041
<i>Melanosciadium</i>	<i>Melanosciadium bipinnatum</i>	MG719855
<i>Angelica</i>	<i>Angelica apaensis</i>	MT921966
	<i>Angelica biserrata</i>	MT921960
	<i>Angelica cartilaginomarginata</i>	MT561045
	<i>Angelica dahurica</i> var. <i>formosana</i>	MT921971
	<i>Angelica gigas</i>	MH793272
	<i>Angelica kangdingensis</i>	MT921965
	<i>Angelica keiskei</i>	MW125613
	<i>Angelica laxifoliata</i>	MT921969
	<i>Angelica morii</i>	MT921982
	<i>Angelica nitida</i>	MF594405
	<i>Angelica porphyrocaulis</i>	MT921973
	<i>Angelica pseudoselinum</i>	MT921968
	<i>Angelica sylvestris</i>	MN275034
	<i>Angelica valida</i>	MT921963
