

**Table S3.** List of chloroplast genome sequences retrieved from Genbank for phylogenetic analysis.

Species name	Acc. number	Species name
<i>Anethum graveolens</i>	NC_029470	
<i>Angelica sinensis</i>	reassembly	
<i>Apium graveolens</i>	MK036045	
<i>Carum carvi</i>	NC_029889	
<i>Cnidium officinale</i>	NC_039760	
<i>Conioselinum anthriscoides</i> (H.Boissieu) Pimenov & Kljuykov, (Skvortsovia 2(1): 33 (2015).	NC_038088	= <i>Ligusticum sinense</i>
<i>Conioselinum pteridophyllum</i> (Franch.) Lavrova, (Abstr. Int. Sci. Conf. Syst. Higher Pl. 66 (2002)	NC_049056	= <i>Ligusticum pteridophyllum</i>
<i>Conioselinum smithii</i> (H.Wolff) Pimenov & Kljuykov, (Willdenowia 33(2): 369 (2003)	MT561037	= <i>Ligusticum jeholense</i>
<i>Conioselinum tenuissimum</i> (Nakai) Pimenov & Kljuykov, (Willdenowia 33(2): 373 (2003)	NC_029394	= <i>Ligusticum tenuissimum</i>
<i>Coriandrum sativum</i>	NC_029850	
<i>Crithmum maritimum</i>	NC_015804	
<i>Cyclospermum leptophyllum</i>	MT561040	
<i>Foeniculum vulgare</i>	KR011054	
<i>Heracleum moellendorffii</i>	NC_042242	
<i>Heracleum yungningense</i>	NC_047287	
<i>Levisticum officinale</i>	MT561024	
<i>Ligusticopsis hispida</i> (Franch.) Lavrova & Kljuykov, (Bot. Zhurn. (Moscow & Leningrad) 79(10): 106 (1994).	NC_049053	= <i>Ligusticum hispidum</i>
<i>Ligusticopsis involucrata</i> (Franch.) Lavrova, (Turczaninowia 20(2): 171 (2017)	NC_049054	= <i>Ligusticum involucratum</i>
<i>Nothosmyrnum japonicum</i>	MT561036	
<i>Pastinaca sativa</i>	MT561034	
<i>Petroselinum crispum</i>	NC_015821	
<i>Prangos fedtschenkoi</i>	KY652265	
<i>Prangos lipskyi</i>	KY652266	
<i>Prangos trifida</i>	MG386251	
<i>Semenovia gyirongensis</i>	NC_042912	
<i>Semenovia thomsonii</i>	reassembly	
<i>Semenovia transiliensis</i>	NC_045182	
<i>Seseli montanum</i>	NC_027451	
<i>Seseli mucronatum</i> (Schrenk) Pimenov & Sdobnina, (Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. 78(4): 139 (1973).	NC_049058	= <i>Ligusticum thomsonii</i>
<i>Tetrataenium candicans</i>	MK522402	
<i>Tetrataenium yunnanense</i>	NC_045183	