

Supplementary Table 1. List of the 31 chloroplast genomes used in this study.

Species	NCBI accession	Total length (bp)	# of PGCs	# of tRNAs	# of rRNAs	GC ratio (%)	Reference
<i>Daphne acutiloba</i>	MW246157	170,020	88	38	8	36.8	Unpub.
<i>Daphne acutiloba</i>	NC_056317	171,211	87	38	8	36.7	Unpub.
<i>Daphne depauperata</i>	MW245833	170,916	92	37	6	36.7	Unpub.
<i>Daphne feddei</i>	MW246160	171,506	88	38	8	36.7	Unpub.
<i>Daphne feddei</i>	NC_056320	171,084	88	38	8	36.7	Unpub.
<i>Daphne genkwa</i>	MT754180	132,741	71	31	8	36.3	(Yoo et al., 2021)
<i>Daphne genkwa</i>	NC_045891	132,869	71	31	8	36.3	Unpub.
<i>Daphne giraldii</i>	NC_044085	171,643	90	38	8	36.8	(Yan et al., 2019a)
<i>Daphne kiusiana</i>	NC_035896	171,491	89	38	8	36.7	(Cho et al., 2018)
<i>Daphne laureola</i>	MN201546	171,613	93	38	8	36.7	(Könyves et al., 2019)
<i>Daphne retusa</i>	MW245832	170,553	91	37	6	36.7	(Yan et al., 2021)
<i>Daphne tangutica</i>	NC_042950	169,944	90	38	6	36.8	(Yan et al., 2019b)
<i>Diarthron linifolium</i>	MW566785	172,644	92	38	8	36.8	This study
<i>Wikstroemia canescens</i>	MW073911	173,667	93	38	8	36.7	(He et al., 2021)
<i>Wikstroemia alternifolia</i>	MW073913	173,697	93	38	8	36.6	(He et al., 2021)
<i>Wikstroemia capitata</i>	MW073909	172,849	92	38	8	36.7	(He et al., 2021)
<i>Wikstroemia micrantha</i>	MN756675	172,610	93	38	8	36.7	(He et al., 2021)
<i>Wikstroemia chamaedaphne</i>	NC_045890	173,042	91	38	8	36.6	(Qian et al., 2020)
<i>Wikstroemia scytophylla</i>	MW073910	173,254	93	38	8	36.7	(He et al., 2021)
<i>Wikstroemia dolichantha</i>	MW073912	172,804	93	38	8	36.6	(He et al., 2021)
<i>Wikstroemia indica</i>	NC_046389	151,731	79	37	8	37.4	(Qian and Zhang, 2020)
<i>Stellera chamaejasme</i> f. <i>chrysantha</i>	MT790358	173,364	93	38	8	36.7	(Liang et al., 2020)
<i>Stellera chamaejasme</i>	NC_042714	173,381	89	38	8	36.7	(Yun et al., 2019)
<i>Edgeworthia albiflora</i>	MW246180	173,621	93	38	8	36.5	(Qian et al., 2021)
<i>Edgeworthia gardneri</i>	MW246181	173,309	91	38	8	36.5	(Qian et al., 2021)
<i>Edgeworthia chrysantha</i>	MN511715	172,708	91	38	8	36.7	(Qian et al., 2021)
<i>Edgeworthia chrysantha</i>	NC_050847	172,446	93	38	8	36.6	Unpub.
<i>Edgeworthia chrysantha</i>	MW284938	172,708	-	-	-	36.7	Unpub.
<i>Gonystylus affinis</i>	NC_052860	176,548	93	38	8	36.6	Hishamuddin et al., 2020)
<i>Gonystylus bancanus</i> [*]	EU849490	165,110	59	10	3	37.4	Unpub.
<i>Aquilaria rostrata</i>	NC_044126	156,989	84	37	8	37.2	(Hishamuddin et al., 2020)

^{*} a partial chloroplast genome.