

Table S2 Plastomes included in phylogenetic analyses from GenBank

Tribes	Species	GenBank Accession
Angelonieae	<i>Angelonia angustifolia</i>	OM362910
Antirrhineae	<i>Antirrhinum majus</i>	MW877560
Callitricheae	<i>Callitriche palustris</i>	MW774642
	<i>Hippuris vulgaris</i>	MW044609
	<i>Penstemon cyaneus</i>	MK391143
Cheloneae	<i>Penstemon fruticosus</i>	MK947104
	<i>Penstemon personatus</i>	MK940755
	<i>Penstemon rostriflorus</i>	MK940756
Digitalideae	<i>Digitalis lanata</i>	KY085895
	Gratioleae <i>Bacopa monnieri</i>	MN736955
	<i>Limnophila sessiliflora</i>	NC_063679
Hemiphragmeae	<i>Scoparia dulcis</i>	MZ242235
	<i>Hemiphragma heterophyllum</i>	MN383192
	<i>Littorella uniflora</i>	MW877563
	<i>Plantago lagopus</i>	MW877581
	<i>Aragoa cleefii</i>	MW877562
	<i>Aragoa abietina</i>	MW877561
	<i>Plantago nubicola</i>	MW877564
Plantagineae	<i>Plantago maritima</i>	KR297244
	<i>Plantago aristata</i>	MW877578
	<i>Plantago media</i>	KR297245
	<i>Plantago depressa</i>	MK144833
	<i>Plantago fengdouensis</i>	MN418388
	<i>Plantago asiatica</i>	MZ779005
	<i>Veronica polita</i>	OL621900
	<i>Veronica persica</i>	KT724052
	<i>Veronica eriogyne</i>	MZ323109
	<i>Veronica undulata</i>	MW783683
	<i>Veronica ovata</i> subsp. <i>kiusiana</i>	MT671999
	<i>Veronica nakaiana</i>	KT633216
Veroniceae	<i>Picrorhiza</i> (<i>Neopicrorhiza</i>) <i>scrophulariiflora</i>	MK986819
	<i>Veronicastrum axillare</i>	MW244757
	<i>Veronicastrum sibiricum</i>	KT724053
	<i>Lagotis brevituba</i>	MW182582
	<i>Lagotis yunnanensis</i>	MN752238
	<i>Scrophularia dentata</i>	MF861202
	<i>Buddleja sessilifolia</i>	MH411151