

Supplementary Table S1. A summary of genomic and transcriptomic studies on carnivorous plant species.

Species	Genome size (Mbp)	Plastome size (kbp)	Sequencing platform(s)	Genome (BioProject)	Plastome (NCBI RefSeq)	Transcriptome (BioProject)	References
<i>A. vesiculosa</i>	509	141.6	PacBio RS, Illumina HiSeq	PRJEB35196 PRJNA394436 PRJNA453847	NC_035416.1	-	[11]
<i>C. follicularis</i>	2,110	142.7	Illumina HiSeq; Illumina MiSeq	PRJDB4484 PRJNA548736 PRJNA810039 (metagenome)	NC_042597.1	PRJDB4484	[41,63]
<i>D. binata</i> , <i>D. lusitanicum</i> , <i>N. alata</i>	-	-	-	-	-	PRJNA350559	[2]
<i>D. rotundifolia</i>	-	192.9	Roche 454 GS-FLX; Illumina MiSeq	PRJNA316228	NC_029770.1	PRJNA534215	[19]
<i>D. muscipula</i>	3,180	117.6	PacBio RS; Illumina HiSeq; Illumina MiSeq	PRJEB35195 PRJNA394358 PRJNA453821 PRJNA790936 PRJEB15538 (metagenome)	NC_035417.1	PRJEB38423 PRJNA203407 PRJNA208984 PRJNA530242 PRJNA862127	[11-14]
<i>D. capensis</i>	293	-	Illumina HiSeq	PRJNA291419	-	-	[17]
<i>D. spatulata</i>	323	-	PacBio RS II; Illumina HiSeq	PRJDB9009 PRJNA790939	-	PRJDB9009	[11]
<i>G. aurea</i>	63.6	140.0	Illumina HiSeq	PRJNA208769 PRJNA438327	NC_037078.1	-	[7,64]
<i>N. ampullaria</i>	-	-	PacBio RS II; Illumina HiSeq	-	-	PRJNA279267 PRJNA299862	[32,34,37,65]
<i>N. khasiana</i>	-	156.9	Illumina HiSeq	PRJNA680098 PRJNA473234	NC_051455.1	PRJEB22838 PRJNA296942 PRJNA345154	[30,66]
<i>N. mirabilis</i>	691.4	155.8	Roche 454 GS-FLX; DNBSEQ-T7	PRJNA529137 PRJNA869487	NC_041271.1	PRJNA387677 PRJNA883181	[24,67]

<i>N. rafflesiana</i>	-	-	PacBio RS II; Illumina HiSeq	-	-	PRJNA282399 PRJNA299862	[23,32,37]
<i>N. × hookeriana</i> (<i>N. rafflesiana</i> × <i>N. ampullaria</i>)	-	-	PacBio RS II	-	-	PRJNA299862	[32,37]
<i>N. × ventrata</i> (<i>N. alata</i> × <i>N.</i> <i>ventricosa</i>)	-	156.6	Illumina HiSeq; Illumina MiSeq	PRJNA557906	NC_044185.1	PRJNA299862 PRJNA487526	[19,25,27,31]
<i>Nepenthes</i> spp. (Multi-species)	-	-	Illumina HiSeq; Illumina MiSeq	PRJNA516491	-	PRJEB20488 PRJEB35235 PRJEB37794,PRJEB37797 GenBank: MH544206– MH544225	[29,54]
<i>S. alata</i>	3,162	-	PacBio Sequel, Illumina HiSeq, BioNano; Roche 454 GS-FLX; Illumina MiSeq	PRJNA604471 GenBank: JN665096– JN667881	-	PRJNA609445 (metatranscriptome)	[4]
<i>S. psittacina</i>	-	-	Roche 454 GS-FLX	-	-	PRJNA80051	[5]
<i>S. purpurea</i>	-	-	Roche 454 GS-FLX	-	-	PRJNA80053	[5]
<i>U. gibba</i>	100.7 (PacBio assembly)	152.1	Roche 454 GS-FLX; Ion Torrent PGM; PacBio RS; Illumina HiSeq	PRJNA207602 PRJNA383049 PRJNA633566 (methyloome)	NC_021449.1	PRJNA79917 PRJNA189698 PRJNA354080 PRJNA574143 PRJNA595351	[8,10,51]
<i>U. reniformis</i>	317.1	139.7	Illumina HiScanSQ, Illumina MiSeq, Ion Torrent Proton; Roche 454 GS-FLX	PRJNA290588 PRJNA302107 PRJNA316304 PRJNA374515	NC_029719.2	PRJNA290588	[9,68]

- : not available; References can refer to the main manuscript.