

# Resource Summary Report

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## Chloroplast Genome Database

RRID:SCR\_013421

Type: Tool

### Proper Citation

Chloroplast Genome Database (RRID:SCR\_013421)

### Resource Information

**URL:** <http://chloroplast.cbio.psu.edu/>

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**Description:** The Chloroplast Genome Database contains annotated chloroplast/plastid genomes from the NCBI Organelle Genomes section at NCBI. Users can search for genes by their annotated names, conduct flexible BLAST searches, download protein and nucleotide sequences extracted from a selected chloroplast genome, and browse the putative protein families (tribes) created using TribeMCL.

**Synonyms:** Chloroplast Genome Database

**Resource Type:** data or information resource, database

**Keywords:** chloroplast, chloroplast genome, nucleotide sequence, plastid genome, protein sequence, software

**Resource Name:** Chloroplast Genome Database

**Resource ID:** SCR\_013421

**Alternate IDs:** nif-0000-02660

**Record Creation Time:** 20220129T080316+0000

**Record Last Update:** 20260729T044313+0000

### Ratings and Alerts

No rating or validation information has been found for Chloroplast Genome Database.

No alerts have been found for Chloroplast Genome Database.

### Data and Source Information

## Usage and Citation Metrics

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Mustafina FU, et al. (2019) A comparative analysis of complete plastid genomes from *Prangos fedtschenkoi* and *Prangos lipskyi* (Apiaceae). *Ecology and evolution*, 9(1), 364.

Gao R, et al. (2018) Complete chloroplast genome sequence of *Dryopteris fragrans* (L.) Schott and the repeat structures against the thermal environment. *Scientific reports*, 8(1), 16635.

Ivanova Z, et al. (2017) Chloroplast Genome Analysis of Resurrection Tertiary Relict *Haberlea rhodopensis* Highlights Genes Important for Desiccation Stress Response. *Frontiers in plant science*, 8, 204.

Verdu CF, et al. (2016) Dealing with paralogy in RADseq data: in silico detection and single nucleotide polymorphism validation in *Robinia pseudoacacia* L. *Ecology and evolution*, 6(20), 7323.

Ong Q, et al. (2016) Bioinformatics Approach in Plant Genomic Research. *Current genomics*, 17(4), 368.

Yang JB, et al. (2013) Complete chloroplast genome of the genus *Cymbidium*: lights into the species identification, phylogenetic implications and population genetic analyses. *BMC evolutionary biology*, 13, 84.

Zhang H, et al. (2013) Insights from the complete chloroplast genome into the evolution of *Sesamum indicum* L. *PloS one*, 8(11), e80508.

Yi DK, et al. (2012) Complete chloroplast genome sequences of important oilseed crop *Sesamum indicum* L. *PloS one*, 7(5), e35872.

Li M, et al. (2011) Forensically informative nucleotide sequencing (FINS) for the authentication of Chinese medicinal materials. *Chinese medicine*, 6, 42.

Mochida K, et al. (2010) Genomics and bioinformatics resources for crop improvement. *Plant & cell physiology*, 51(4), 497.

Gandhi SG, et al. (2010) Analysis of SSR dynamics in chloroplast genomes of Brassicaceae family. *Bioinformation*, 5(1), 16.

Parks M, et al. (2009) Increasing phylogenetic resolution at low taxonomic levels using massively parallel sequencing of chloroplast genomes. *BMC biology*, 7, 84.