Resource Summary Report

Generated by RRID on May 25, 2025

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

Funding:

Resource Name: Chloroplast Genome Database

Resource ID: SCR_013421

Alternate IDs: nif-0000-02660

Record Creation Time: 20220129T080316+0000

Record Last Update: 20250525T032410+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

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

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.