

Resource Summary Report

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OGDraw

RRID:SCR_017337

Type: Tool

Proper Citation

OGDraw (RRID:SCR_017337)

Resource Information

URL: <https://chlorobox.mpimp-golm.mpg.de/OGDraw.html>

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Description: Software package for graphical visualization of organellar genomes. Converts annotations in GenBank format into graphical maps. Used to create visual representations of circular and linear annotated genome sequences provided as GenBank files or accession numbers.

Abbreviations: OGDRAW

Synonyms: Draw Organelle Genome Maps, OrganellarGenomeDRAW

Resource Type: software toolkit, software application, data processing software, service resource, software resource, data visualization software

Defining Citation: [PMID:30949694](#)

Keywords: graphical, visualization, organellar, genome, convert, annotation, GenBank, format, map, DNA, sequence

Funding: Max Planck Society

Availability: Free, Freely available

Resource Name: OGDraw

Resource ID: SCR_017337

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260804T043636+0000

Ratings and Alerts

No rating or validation information has been found for OGDraw.

No alerts have been found for OGDraw.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 214 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Gao C, et al. (2025) Assembly and comparative analysis of the complete mitochondrial genome of *Echinacanthus longipes* (Acanthaceae), endemic to the Sino-Vietnamese karst flora. *BMC genomics*, 26(1), 251.

He H, et al. (2025) Comparative Analysis of Seventeen Mitochondrial Genomes of Mileewinae Leafhoppers, Including the Unique Species *Mileewa digitata* (Hemiptera: Cicadellidae: Mileewinae) From Xizang, China, and New Insights Into Phylogenetic Relationships Within Mileewini. *Ecology and evolution*, 15(1), e70830.

You J, et al. (2025) Differences in homologous and heterologous nucleocytoplasmic interactions of cytoplasmic male sterility lines in *Gossypium barbadense*. *Scientific reports*, 15(1), 12498.

Yang Y, et al. (2025) The Integrative Taxonomy and Mitochondrial Genome Evolution of Freshwater Planarians (Platyhelminthes: Tricladida): The Discovery of a New Clade in Southern China. *Genes*, 16(6).

Pal DC, et al. (2025) Protocol for mitochondrial DNA isolation from *Macrobrachium rosenbergii* and *Penaeus monodon* using differential centrifugation. *STAR protocols*, 6(2), 103852.

Liao H, et al. (2025) The complete chloroplast genomes of four Aspidopterys species and a comparison with other Malpighiaceae species. *Scientific reports*, 15(1), 17893.

Liu L, et al. (2025) Complete chloroplast genome sequencing of *Pseudocodon convolvulaceus*, a medicinal herb from Qinghai-Tibet Plateau in China. *PloS one*, 20(8), e0328307.

Fujiwara K, et al. (2025) Chromosome-scale genomes of two wild flowering cherries (*Cerasus itosakura* and *Cerasus jamasakura*) provide insights into structural evolution in *Cerasus*. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 32(6).

Morales-Saldaña S, et al. (2025) Comparative plastomes of five *Psittacanthus* species: genome organization, structural features, and patterns of pseudogenization and gene loss. *AoB PLANTS*, 17(4), plaf032.

Indriani F, et al. (2025) The chloroplast genome of *Taxus sumatrana*, an endangered medicinal tree from Indonesia. *BMC research notes*, 18(1), 435.

Olivar JEC, et al. (2025) First complete plastomes of the emblematic Andean tree genus *Polylepis* Ruiz & Pav. (Rosaceae). *Scientific reports*, 15(1), 32681.

Saldaña CL, et al. (2025) Mitochondrial genome assembly of the Peruvian Paso horse through PacBio long-read sequencing. *Scientific reports*, 16(1), 85.

Hsu PC, et al. (2025) Chromosome-Level Genome Assembly and Annotation of the Japanese Cutlassfish (*Trichiurus japonicus*): A High-Quality Genomic Resource Featuring Nuclear and Mitochondrial Completeness for Future Studies. *Scientific data*, 12(1), 1860.

Lee SJ, et al. (2025) The complete mitochondrial genome of sand anemone, *Paracondylactis hertwigi* (Wassilieff, 1908). *Mitochondrial DNA. Part B, Resources*, 10(8), 714.

Xu J, et al. (2025) Genomic Phylogenetic Analysis of *Physaliastrum* and *Archiphysalis* (Solanaceae): Insights From Chloroplast Genomes Indicate Distinct Evolutionary Relationships. *Ecology and evolution*, 15(7), e71762.

Li Q, et al. (2025) Complete plastome and mitogenome assembly of endangered tree *Karpatisorbus bristoliensis* reveals phylogenetic architecture for *Sorbus sensu lato* (Rosaceae). *Frontiers in plant science*, 16, 1619267.

Zhang Y, et al. (2025) Assembly and analysis of the complete mitochondrial genome of *Prunus davidiana* (Rosaceae). *Frontiers in plant science*, 16, 1558619.

Aleix-Mata G, et al. (2025) Characterizing the complete mitochondrial genome and rDNA of *Oestrus* sp. (Diptera: Oestridae): the bot fly parasitizing the Iberian ibex, *Capra pyrenaica*. *Journal of medical entomology*, 62(4), 808.

Song H, et al. (2025) Plastomes provide new insights into phylogeny and evolution in *Chlorellaceae* (Chlorophyta, Trebouxiophyceae). *BMC plant biology*, 25(1), 1319.

Su Y, et al. (2025) Comprehensive analysis of complete Chloroplast genome sequence of *Cardiospermum halicacabum* L. (Sapindaceae). *Scientific reports*, 15(1), 22457.