

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

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: 20260905T133008+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 359 mentions in open access literature.

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

Park S, et al. (2026) Structural variation and evolutionary dynamics of plastid genomes in the subgenus *Lychnis* (*Silene*, *Caryophyllaceae*): insights from genome rearrangements and substitution rates. *BMC plant biology*, 26(1), 266.

Aleix-Mata G, et al. (2026) Complete mitogenomes of two species of *Cephenemyia* and *Pharyngomyia picta*, and a comparison with other *Oestrinae*. *Parasitology research*, 125(1), 9.

Song XF, et al. (2026) The complete mitochondrial genome of the *Perinereis* linea (*Polychaeta*: *Nereididae*) and *Nereididae* phylogenetic implications. *Mitochondrial DNA. Part B, Resources*, 11(5), 604.

Wong ELY, et al. (2026) Chloroplast and Mitochondrial Genomes of the Lichen-Symbiotic Green Alga *Trebouxia* Illuminate Evolutionary Relationships and Climate Associations and Yield New Phylogenetic Markers. *Genome biology and evolution*, 18(6).

Yin J, et al. (2026) Mitochondrial Genome of *Paraleyrodes minei* Iaccarino (Hemiptera: Aleyrodidae): A New Sugarcane Pest and Phylogenetic Analysis of Aleyrodidae. *Biology*, 15(12).

Zhao J, et al. (2026) The complete mitochondrial genome of *Brevimulticaecum sinensis* (Nematoda: Heterocheilidae), the first representative of the genus *Brevimulticaecum*. *Mitochondrial DNA. Part B, Resources*, 11(7), 869.

Hu S, et al. (2026) Chloroplast Genome Insights of *Gleditsia japonica* var. *velutina* and Evolutionary Implications for Variation and Phylogeny in *Gleditsia*. *Ecology and evolution*, 16(6), e73826.

Qin M, et al. (2026) Characterization and evolutionary insights into complete mitochondrial genome of *Sedum sarmentosum* within the family *Crassulaceae*. *Frontiers in plant science*, 17, 1710625.

Bonjor N, et al. (2026) Characteristics of the mitochondrial genome of the invasive plant *Tagetes minuta* (*Asteraceae*) on the Qinghai-Tibet Plateau and its evolutionary significance. *BMC genomics*, 27(1).

Gülmez ?, et al. (2026) Comparative chloroplast genome analysis of *Polygala* species: insights into evolution, phylogeny, and DNA barcoding. *Planta*, 263(4).

Liu W, et al. (2026) Characterization of the complete chloroplast genome of *Acroptilon repens* (L.) DC. (Asteraceae). *Mitochondrial DNA. Part B, Resources*, 11(5), 646.

Chin GJWL, et al. (2026) The complete mitochondrial genome data of the native, undescribed *Tor* sp. (Actinopterygii: Cyprinidae) from Sabah, East Malaysia. *Data in brief*, 67, 112975.

Hao CL, et al. (2026) Mitochondrial Genome of *Abramis brama orientalis* Reveals Dominant Role of Natural Selection over Mutation Pressure in Shaping Codon Usage Bias in Leuciscinae Fishes. *Animals : an open access journal from MDPI*, 16(7).

Huynh TTT, et al. (2026) Complete mitochondrial genome sequence data of *Pterygoplichthys gibbiceps* (Actinopterygii, Loricariidae). *Data in brief*, 67, 112963.

Nguyen NN, et al. (2026) Complete chloroplast genome of *Camellia yokdonensis* Dung bis & Hakoda (Theaceae), a useful genomic data for elucidating evolution of Vietnamese endemic tea species. *Data in brief*, 67, 112894.

Pan W, et al. (2026) Analysis of chloroplast genomes and SSR classification and identification of *Agropyron* species and closely related species. *Scientific reports*, 16(1), 3579.

Prada-Quiroga CF, et al. (2026) Mitochondrial genome characterization and phylogenetic relationships of the subfamily Dipsadinae (Reptilia: Colubridae). *Scientific reports*, 16(1).

Lin S, et al. (2026) Comparative organellar genomics of *Arundina graminifolia*: mitochondrial complexity and plastid conservation in Orchidaceae. *Frontiers in plant science*, 17, 1756243.

Cheng Y, et al. (2026) Phylogenetic Reconstructions Based on Mitogenomes Reveal the Paraphyly of the Subfamily Isotominae of Isotomidae (Collembola: Entomobryomorpha). *Genes*, 17(2).

Pérez G, et al. (2026) Comparative Mitogenomics Reveals Intron Dynamics and Mitochondrial Gene Expression Shifts in Domesticated and Wild *Pleurotus ostreatus*. *Journal of fungi* (Basel, Switzerland), 12(1).