

Resource Summary Report

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GetOrganelle

RRID:SCR_022963

Type: Tool

Proper Citation

GetOrganelle (RRID:SCR_022963)

Resource Information

URL: <https://github.com/Kinggerm/GetOrganelle>

Proper Citation: GetOrganelle (RRID:SCR_022963)

Description: Software toolkit to assembly of organelle genome from genomic skimming data. Used for accurate de novo assembly of organelle genomes.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:32912315](#)

Keywords: Organelle genome assembly, genomic skimming data, organelle genomes, de novo assembly

Funding: Chinese Academy of Sciences ;
National Natural Science Foundation of China

Availability: Free, Available for download, Freely available

Resource Name: GetOrganelle

Resource ID: SCR_022963

License: GNU GPL v3.0

Record Creation Time: 20221115T050204+0000

Record Last Update: 20260912T200302+0000

Ratings and Alerts

No rating or validation information has been found for GetOrganelle.

No alerts have been found for GetOrganelle.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 256 mentions in open access literature.

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

Li Y, et al. (2026) Structural characterization of the plastid genome and comparative mitochondrial genomics of *Eupatorium lindleyanum* (Asteraceae): evolutionary dynamics and phylogenetic insights. *BMC plant biology*, 26(1).

Sari E, et al. (2026) Gene duplication, horizontal gene transfer, and trait trade-offs drive evolution of postfire resource acquisition in pyrophilous fungi. *Proceedings of the National Academy of Sciences of the United States of America*, 123(1), e2519152123.

Meng S, et al. (2026) The first complete chloroplast genome sequence and phylogenetic analysis of *Actinidia trichogyna*. *Mitochondrial DNA. Part B, Resources*, 11(4), 462.

Xu Y, et al. (2026) The complete chloroplast genome sequence of *Thaumatococcus* *bipinnatifidum*. *Mitochondrial DNA. Part B, Resources*, 11(1), 150.

An KL, et al. (2026) Plastome evolution and phylogenomics of *Glycine* (Leguminosae: Papilionoideae). *BMC plant biology*, 26(1).

Sun X, et al. (2026) Comparative genomic and phylogenetic analyses of *Crataegus* chloroplast genomes: insights for evolution and identification. *Frontiers in plant science*, 17, 1767012.

Liu Y, et al. (2026) Chloroplast Genome Evolution in *Pleurothallidinae* (Orchidaceae): Lineage-Specific Selection, Codon Usage Patterns, and Phylogenetic Implications. *Genes*, 17(2).

Wang J, et al. (2026) The complete mitochondrial genome of *Holothuria atra* (Holothuriida: Holothuriidae: *Holothuria*) and its structural characteristics. *PloS one*, 21(4), e0347494.

Choi YG, et al. (2026) The complete chloroplast genome and phylogenetic analysis of *Viburnum furcatum* (adoxaceae). *Mitochondrial DNA. Part B, Resources*, 11(7), 888.

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.

Abdullah , et al. (2026) Comparative chloroplast genomics of *Cardueae* (Carduoideae, Asteraceae): the first tribe-wide analysis. *BMC plant biology*, 26(1), 341.

Lan L, et al. (2026) Intraspecific identification of *Actinidia eriantha* Benth. based on chloroplast genes. *PloS one*, 21(2), e0342803.

Li J, et al. (2026) Comparative Chloroplast Genome and Phylogenetic Analyses of *Anna* and *Lysionotus* (Gesneriaceae) Along the Sino-Vietnamese Border. *Biology*, 15(4).

Xie Y, et al. (2026) Mitochondrial genome characterization and new insights on phylogenetic relationship of *Chara* (Charophyceae, Charophyta). *BMC genomics*, 27(1).

Zhou HJ, et al. (2026) *Leptochilus yangjiangensis* (Polypodiaceae), a New Fern Species From Guangdong, China. *Ecology and evolution*, 16(5), e73621.

Schöneberg Y, et al. (2026) Genomics as a time capsule: insights from *Oreobates chiquitanus* type specimens. *BMC genomics*, 27(1).

Chen L, et al. (2026) Comparative Analysis of Complete Chloroplast Genomes of *Caltha scaposa* for Identification and Phylogenetic Analysis. *Ecology and evolution*, 16(6), e73728.

Alharbi SA, et al. (2026) First Plastome Sequences of Two Endemic Taxa of *Orbea* Haw. from the Arabian Peninsula: Comparative Genomics and Phylogenetic Relationships Within the Tribe *Ceropegieae* (Asclepiadoideae, Apocynaceae). *Biology*, 15(3).

Chen XD, et al. (2026) Mitogenome Characteristics and Phylogenetic Analysis of Six *Apistogramma* Species. *Animals : an open access journal from MDPI*, 16(8).

Zhang B, et al. (2026) *Aleuritopteris hainanensis* (Pteridaceae), a New Species From Hainan, China. *Ecology and evolution*, 16(2), e72770.