

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

[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 toolkit, software resource

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: 20260803T040834+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 175 mentions in open access literature.

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

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.

Gao C, et al. (2026) High-Quality Genome Assembly of *Diplocarpon coronariae* Unveils LTR Retrotransposon-Driven Structural Dynamics in Fungi Evolution. *Molecular ecology resources*, 26(1), e70070.

Guo X, et al. (2025) Comparative Analysis of Plastomes of *Artemisia* and Insights into the Infra-Generic Phylogenetic Relationships Within the Genus. *Genes*, 16(6).

Du W, et al. (2025) Equus mitochondrial pangenome reveals independent domestication imprints in donkeys and horses. *Scientific reports*, 15(1), 6803.

Kumar V, et al. (2025) Whole genome sequencing and assembly of the house sparrow, *Passer domesticus*. *GigaByte (Hong Kong, China)*, 2025, gigabyte161.

Zhu W, et al. (2025) Comparative genomics and phylogenetic analysis of mitochondrial genomes of *Neocinnamomum*. *BMC plant biology*, 25(1), 289.

Zhong Q, et al. (2025) Comparative and phylogenetic analysis of the complete chloroplast genome sequences of *Melanoseris cyanea* group. *Scientific reports*, 15(1), 10566.

Kachlishvili N, et al. (2025) The complete mitochondrial genome of the widespread freshwater limpet *Ferrissia californica*. *Mitochondrial DNA. Part B, Resources*, 10(5), 382.

Wang M, et al. (2025) The mitochondrial genome of the firefly, *Pyrocoelia amplissima* (Olivier, 1886) (Coleoptera: Lampyridae) and its phylogenetic analysis. *Mitochondrial DNA. Part B, Resources*, 10(8), 678.

Yun S, et al. (2025) The mitochondrial genome data of the *Capsicum annuum* cv. Dempsey (Solanaceae). *Data in brief*, 60, 111640.

Ma HT, et al. (2025) The complete chloroplast genome and phylogenetic analysis of *Cyananthus macrocalyx* Franch. 1887 Campanulaceae. *Mitochondrial DNA. Part B, Resources*, 10(6), 442.

Shao C, et al. (2025) Integrating phylogenomic and morphological evidence to solve the taxonomy of *Phoebe legendrei* (Lauraceae) and closely related species. *BMC plant biology*, 25(1), 1736.

Chakraborty A, et al. (2025) Life inside a bag: multiomics insights into the bagworm species *Eumeta crameri*. DNA research : an international journal for rapid publication of reports on genes and genomes, 32(6).

Hookabe N, et al. (2025) Unrecognized species-level diversity of terrestrial nemerteans in the UNESCO world heritage Ogasawara Islands revealed by mitogenomics. BMC ecology and evolution, 25(1), 135.

Winter S, et al. (2025) Chromosome-Level genome assembly and transcriptome analysis of the ural owl, *Strix uralensis* ??Pallas, 1771. The Journal of heredity.

Zhang RG, et al. (2025) Reticulate allopolyploidy and subsequent dysploidy drive evolution and diversification in the cotton family. Nature communications, 16(1), 7480.

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.

Liu WX, et al. (2025) Intergeneric and interspecific relationships in tribe Ricineae revealed by phylogenomics of the plastome and transcriptome. Frontiers in plant science, 16, 1544247.

Kang ES, et al. (2025) Chloroplast genome sequencing and phylogenetic analysis of *Brassica tournefortii* Gouan (Brassicaceae). Mitochondrial DNA. Part B, Resources, 10(8), 703.

Tao K, et al. (2025) Complete chloroplast genome of eight *Phaius* (Orchidaceae) species from China: comparative analysis and phylogenetic relationship. BMC plant biology, 25(1), 37.