Resource Summary Report

Generated by RRID on Apr 28, 2025

GeSeq

RRID:SCR_017336
Type: Tool

Proper Citation

GeSeq (RRID:SCR_017336)

Resource Information

URL: https://chlorobox.mpimp-golm.mpg.de/geseq.html

Proper Citation: GeSeq (RRID:SCR_017336)

Description: Software tool for rapid and accurate annotation of organelle genomes, in particular chloroplast genomes.

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

Defining Citation: PMID:28486635

Keywords: rapid, accurate, annotation, organelle, genome, chloroplast, bio.tools

Funding: Human Frontier Science Program ;
Max Planck Society ;
German Science Foundation

Availability: Free, Freely available

Resource Name: GeSeq

Resource ID: SCR_017336

Alternate IDs: biotools:geseq

Alternate URLs: https://bio.tools/geseq

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250428T054050+0000

Ratings and Alerts

No rating or validation information has been found for GeSeq .

No alerts have been found for GeSeq .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 311 mentions in open access literature.

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

Witharana EP, et al. (2025) Subfamily evolution analysis using nuclear and chloroplast data from the same reads. Scientific reports, 15(1), 687.

Nie L, et al. (2025) Plastome data provides new insights into population differentiation and evolution of Ginkgo in the Sichuan Basin of China. BMC plant biology, 25(1), 48.

Ren Z, et al. (2025) A combined treatment regimen for Trichuris rhinopiptheroxella infection in Rhinopithecus roxellana in southern China. International journal for parasitology. Parasites and wildlife, 26, 101036.

Zhou G, et al. (2025) De novo assembly of the mitochondrial genome of Glycyrrhiza glabra and identification of two types of homologous recombination configurations caused by repeat sequences. BMC genomics, 26(1), 13.

Yuan J, et al. (2025) Comparative and phylogenetic analyses of the chloroplast genomes of mangrove plants. Scientific reports, 15(1), 3915.

Yao J, et al. (2025) Chloroplast Genome Sequencing and Comparative Analysis of Six Medicinal Plants of Polygonatum. Ecology and evolution, 15(1), e70831.

Xiao X, et al. (2025) Comparative Analysis of Complete Chloroplast Genomes and Phylogenetic Relationships of 21 Sect. Camellia (Camellia L.) Plants. Genes, 16(1).

Poullet M, et al. (2025) High-fidelity annotated triploid genome of the quarantine root-knot nematode, Meloidogyne enterolobii. Scientific data, 12(1), 184.

Zhang H, et al. (2025) Assembly and comparative analysis of the complete mitochondrial genome of red raspberry (Rubus idaeus L.) revealing repeat-mediated recombination and

gene transfer. BMC plant biology, 25(1), 85.

Huang Y, et al. (2024) A reference genome of Commelinales provides insights into the commelinids evolution and global spread of water hyacinth (Pontederia crassipes). GigaScience, 13.

Denoeud F, et al. (2024) Evolutionary genomics of the emergence of brown algae as key components of coastal ecosystems. Cell, 187(24), 6943.

Ahmed SS, et al. (2024) Deciphering the complete chloroplast genome sequence of Meconopsis torquata Prain: Insights into genome structure, comparative analysis and phylogenetic relationship. Heliyon, 10(16), e36204.

Liu Y, et al. (2024) Comparative analysis and characterization of the chloroplast genome of Krascheninnikovia ceratoides (Amarathaceae): a xerophytic semi-shrub exhibiting drought resistance and high-quality traits. BMC genomic data, 25(1), 10.

Yang L, et al. (2024) Insights into the multi-chromosomal mitochondrial genome structure of the xero-halophytic plant Haloxylon Ammodendron (C.A.Mey.) Bunge ex Fenzl. BMC genomics, 25(1), 123.

Liu D, et al. (2024) Decoding the complete organelle genomic architecture of Stewartia gemmata: an early-diverging species in Theaceae. BMC genomics, 25(1), 114.

Wei ZF, et al. (2024) Molecular phylogenetic relationships based on mitochondrial genomes of novel deep-sea corals (Octocorallia: Alcyonacea): Insights into slow evolution and adaptation to extreme deep-sea environments. Zoological research, 45(1), 215.

Ben Romdhane W, et al. (2024) The newly assembled chloroplast genome of Aeluropus littoralis: molecular feature characterization and phylogenetic analysis with related species. Scientific reports, 14(1), 6472.

Zhang R, et al. (2024) Comparative analysis of the organelle genomes of Aconitum carmichaelii revealed structural and sequence differences and phylogenetic relationships. BMC genomics, 25(1), 260.

Wang H, et al. (2024) Highly active repeat-mediated recombination in the mitogenome of the aquatic grass Hygroryza aristata. BMC plant biology, 24(1), 644.

Lubna , et al. (2024) Genetic characterization and phylogenetic analysis of the Nigella sativa (black seed) plastome. Scientific reports, 14(1), 14509.