Resource Summary Report

Generated by NIF on May 13, 2025

GOBASE- The Organelle Genome Database

RRID:SCR_007692
Type: Tool

Proper Citation

GOBASE- The Organelle Genome Database (RRID:SCR_007692)

Resource Information

URL: http://gobase.bcm.umontreal.ca/

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Description: A taxonomically broad organelle genome database that organizes and integrates diverse data related to mitochondria and chloroplasts. GOBASE is currently expanding to include information on representative bacteria that are thought to be specifically related to the bacterial ancestors of mitochondria and chloroplasts It contains single reference whole-genome sequences for each species from which we have complete mitochondrial or chloroplast data. A new release of this database also includes 42,000 new mitochondrial sequences and 39,000 new chloroplast sequences.

Abbreviations: GOBASE

Resource Type: data or information resource, database

Keywords: bacterial genome, chloroplast, mitchondria, organelle genome

Funding:

Resource Name: GOBASE- The Organelle Genome Database

Resource ID: SCR_007692

Alternate IDs: nif-0000-02917

Record Creation Time: 20220129T080243+0000

Record Last Update: 20250507T060516+0000

Ratings and Alerts

No rating or validation information has been found for GOBASE- The Organelle Genome Database.

No alerts have been found for GOBASE- The Organelle Genome Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Jafari M, et al. (2021) Identification and verification of seed development related miRNAs in kernel almond by small RNA sequencing and qPCR. PloS one, 16(12), e0260492.

Karimi M, et al. (2016) The Small-RNA Profiles of Almond (Prunus dulcis Mill.) Reproductive Tissues in Response to Cold Stress. PloS one, 11(6), e0156519.

Yan L, et al. (2015) Analyses of the complete genome and gene expression of chloroplast of sweet potato [Ipomoea batata]. PloS one, 10(4), e0124083.

Abe T, et al. (2014) tRNADB-CE: tRNA gene database well-timed in the era of big sequence data. Frontiers in genetics, 5, 114.

Cheng J, et al. (2013) CGAP: a new comprehensive platform for the comparative analysis of chloroplast genomes. BMC bioinformatics, 14, 95.

Yin LF, et al. (2012) Frequent gain and loss of introns in fungal cytochrome b genes. PloS one, 7(11), e49096.

Delage L, et al. (2011) In silico survey of the mitochondrial protein uptake and maturation systems in the brown alga Ectocarpus siliculosus. PloS one, 6(5), e19540.