Resource Summary Report

Generated by NIF on May 3, 2025

METAREP

RRID:SCR_011926
Type: Tool

Proper Citation

METAREP (RRID:SCR_011926)

Resource Information

URL: http://www.jcvi.org/metarep/

Proper Citation: METAREP (RRID:SCR_011926)

Description: A tool for high-performance comparative metagenomics that allows users to view, query, browse, and compare metagenomics annotation profiles from short reads or assemblies. Users can use statistical tests, hierarchical clustering, multidimensional scaling, and heat maps to compare multiple datasets at various functional and taxonomic levels.

Abbreviations: METAREP

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

Defining Citation: DOI:10.1093/bioinformatics/btq455

Keywords: microbiome, comparison, comparative metagenomics, annotation, short read, short assembly, bio.tools

Funding:

Availability: Open source

Resource Name: METAREP

Resource ID: SCR_011926

Alternate IDs: biotools:metarep, OMICS_01480

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

License: Open unspecified license

Record Creation Time: 20220129T080307+0000

Record Last Update: 20250503T060308+0000

Ratings and Alerts

No rating or validation information has been found for METAREP.

No alerts have been found for METAREP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Aalismail NA, et al. (2019) Functional metagenomic analysis of dust-associated microbiomes above the Red Sea. Scientific reports, 9(1), 13741.

Bagarolli RA, et al. (2017) Probiotics modulate gut microbiota and improve insulin sensitivity in DIO mice. The Journal of nutritional biochemistry, 50, 16.

Garg N, et al. (2016) Spatial Molecular Architecture of the Microbial Community of a Peltigera Lichen. mSystems, 1(6).

Díez B, et al. (2016) Metagenomic Analysis of the Indian Ocean Picocyanobacterial Community: Structure, Potential Function and Evolution. PloS one, 11(5), e0155757.

Dudhagara P, et al. (2015) Web Resources for Metagenomics Studies. Genomics, proteomics & bioinformatics, 13(5), 296.

Mandal RS, et al. (2015) Metagenomic surveys of gut microbiota. Genomics, proteomics & bioinformatics, 13(3), 148.

Llorens-Marès T, et al. (2015) Connecting biodiversity and potential functional role in modern euxinic environments by microbial metagenomics. The ISME journal, 9(7), 1648.

Prakash T, et al. (2012) Functional assignment of metagenomic data: challenges and applications. Briefings in bioinformatics, 13(6), 711.