

Resource Summary Report

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Metagenomics Program at JGI

RRID:SCR_008804

Type: Tool

Proper Citation

Metagenomics Program at JGI (RRID:SCR_008804)

Resource Information

URL: <http://genome.jgi.doe.gov/programs/metagenomes/index.jsf>

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Description: Portal providing access to metagenomics projects, data and tools supported by the DOE Joint Genome Institute (JGI). A primary motivation for metagenomics is that most microbes found in nature exist in complex, interdependent communities and cannot readily be grown in isolation in the laboratory. One can, however, isolate DNA or RNA from the community as a whole, and studies of such communities have revealed a diversity of microbes far beyond those found in culture collections. It is suspected that these uncultivated organisms must harbor considerable as-yet undiscovered genomic, functional, and metabolic features and capabilities. Thus to fully explore microbial genomics, it is imperative that we access the genomes of these elusive players.

Abbreviations: JGI Metagenomics Program

Resource Type: database, data or information resource

Keywords: genome, comparative analysis, metagenome, microbial, environment, terrestrial, aquatic, marine, freshwater, engineered, thermal spring, soil, host-associated, sequence, gene

Funding: DOE

Resource Name: Metagenomics Program at JGI

Resource ID: SCR_008804

Alternate IDs: nlx_144368

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260808T190423+0000

Ratings and Alerts

No rating or validation information has been found for Metagenomics Program at JGI.

No alerts have been found for Metagenomics Program at JGI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wu H, et al. (2014) The quest for a unified view of bacterial land colonization. The ISME journal, 8(7), 1358.