Resource Summary Report

Generated by RRID on Apr 10, 2025

Microbial Genomics Program

RRID:SCR_008140
Type: Tool

Proper Citation

Microbial Genomics Program (RRID:SCR_008140)

Resource Information

URL: http://microbialgenomics.energy.gov/index.shtml

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Description: Through its Microbial Genome Program (MGP) and its Genomics:GTL (GTL) program, DOEs Office of Biological and Environmental Research (BER) has sequenced more than 485 microbial genomes and 30 microbial communities having specialized biological capabilities. Identifying these genes will help investigators discern how gene activities in whole living systems are orchestrated to solve myriad life challenges. The MGP was begun in 1994 as a spinoff from the Human Genome Program. The goal of the program was to sequence the genomes of a number of nonpathogenic microbes that would be useful in solving DOE''s mission challenges in environmental-waste cleanup, energy production, carbon cycling, and biotechnology. Past projects include microbial genome program, microbial cell project, and the Laboratory Science Program at the DOE Joint Genome Institute. The two ongoing projects are Genomics: GTL program and Community Sequencing Program at the DOE Joint Genome Institute. Sponsors: Site sponsored by the U.S. Department of Energy Office of Science, Office of Biological and Environmental Research

Synonyms: MGP

Resource Type: data or information resource, database

Keywords: energy, environmental, gene, biological, biotechnology, carbon, community, cylcling, genome, genomic, living, microbes, microbial, nonpathogenic, system

Funding:

Resource Name: Microbial Genomics Program

Resource ID: SCR_008140

Alternate IDs: nif-0000-20962

Record Creation Time: 20220129T080245+0000

Record Last Update: 20250410T065710+0000

Ratings and Alerts

No rating or validation information has been found for Microbial Genomics Program.

No alerts have been found for Microbial Genomics Program.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Le Collen L, et al. (2022) Compound genetic etiology in a patient with a syndrome including diabetes, intellectual deficiency and distichiasis. Orphanet journal of rare diseases, 17(1), 86.

Rapport F, et al. (2020) Development of an implementation and evaluation strategy for the Australian 'Zero Childhood Cancer' (Zero) Program: a study protocol. BMJ open, 10(6), e034522.