

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

Glimmer-MG

RRID:SCR_011932

Type: Tool

Proper Citation

Glimmer-MG (RRID:SCR_011932)

Resource Information

URL: <http://www.cbcb.umd.edu/software/glimmer-mg/>

Proper Citation: Glimmer-MG (RRID:SCR_011932)

Description: A software system for finding genes in environmental shotgun DNA sequences.

Abbreviations: Glimmer-MG

Synonyms: Glimmer-MG: Metagenomics Gene-Finding System, Gene Locator and Interpolated Markov ModelER - MetaGenomics

Resource Type: software resource

Keywords: metagenomics, gene

Availability: Open unspecified license, OSI certified

Resource Name: Glimmer-MG

Resource ID: SCR_011932

Alternate IDs: OMICS_01487

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260912T195742+0000

Ratings and Alerts

No rating or validation information has been found for Glimmer-MG.

No alerts have been found for Glimmer-MG.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Yue Z, et al. (2025) CNPS.cycle: streamlining shotgun metagenomic data analysis for biogeochemical cycles. *mSystems*, 10(11), e0102125.

Kim JW, et al. (2025) Standardizing the approach to clinical-based human microbiome research: from clinical information collection to microbiome profiling and human resource utilization. *Osong public health and research perspectives*, 16(3), 300.

Marcos-Zambrano LJ, et al. (2021) Applications of Machine Learning in Human Microbiome Studies: A Review on Feature Selection, Biomarker Identification, Disease Prediction and Treatment. *Frontiers in microbiology*, 12, 634511.

Sarkar A, et al. (2019) Altered Integrative and Conjugative Elements (ICEs) in Recent *Vibrio cholerae* O1 Isolated From Cholera Cases, Kolkata, India. *Frontiers in microbiology*, 10, 2072.

Malla MA, et al. (2018) Exploring the Human Microbiome: The Potential Future Role of Next-Generation Sequencing in Disease Diagnosis and Treatment. *Frontiers in immunology*, 9, 2868.

Escobar-Zepeda A, et al. (2015) The Road to Metagenomics: From Microbiology to DNA Sequencing Technologies and Bioinformatics. *Frontiers in genetics*, 6, 348.

Sarkar A, et al. (2015) Attributes of carbapenemase encoding conjugative plasmid pNDM-SAL from an extensively drug-resistant *Salmonella enterica* Serovar Senftenberg. *Frontiers in microbiology*, 6, 969.

Gupta A, et al. (2014) Whole genome sequencing and analysis of plant growth promoting bacteria isolated from the rhizosphere of plantation crops coconut, cocoa and arecanut. *PloS one*, 9(8), e104259.

Yoshida M, et al. (2013) Metagenomic analysis of viral communities in (hado)pelagic sediments. *PloS one*, 8(2), e57271.