

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

GHOSTM

RRID:SCR_000062

Type: Tool

Proper Citation

GHOSTM (RRID:SCR_000062)

Resource Information

URL: <https://code.google.com/p/ghostm/>

Proper Citation: GHOSTM (RRID:SCR_000062)

Description: Software homology search tool for huge short reads generated by next-generation sequencers. Can detect remote homologs like BLAST and is about 40 times more efficient than BLAST by using a GPU-computing technique.

Synonyms: GPU-based HOmology Search Tool for Metagenomics, ghostm: GPU-based HOmology Search Tool for Metagenomics

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

Defining Citation: [PMID:22574135](#)

Keywords: homology search, next-generation sequencers short reads, detect remote homologs,

Availability: Free, Available for download, Freely available,

Resource Name: GHOSTM

Resource ID: SCR_000062

Alternate IDs: OMICS_02563

License: MIT License

Record Creation Time: 20220129T080159+0000

Record Last Update: 20260912T195502+0000

Ratings and Alerts

No rating or validation information has been found for GHOSTM.

No alerts have been found for GHOSTM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.