### **Resource Summary Report**

Generated by dkNET on May 19, 2025

## **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:** software application, software resource, data analysis software, data processing software

**Defining Citation:** PMID:22574135

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

**Funding:** 

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: 20250517T055424+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.