

Resource Summary Report

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Glimmer

RRID:SCR_011931

Type: Tool

Proper Citation

Glimmer (RRID:SCR_011931)

Resource Information

URL: <http://ccb.jhu.edu/software/glimmer/index.shtml>

Proper Citation: Glimmer (RRID:SCR_011931)

Description: A software system for finding genes in microbial DNA, especially the genomes of bacteria, archaea, and viruses.

Abbreviations: Glimmer

Synonyms: Glimmer - Microbial Gene-Finding System

Resource Type: data analysis service, service resource, production service resource, software resource, analysis service resource

Defining Citation: [DOI:10.1093/nar/26.2.544](https://doi.org/10.1093/nar/26.2.544)

Keywords: microbial, gene, bio.tools

Availability: Open unspecified license, OSI certified

Resource Name: Glimmer

Resource ID: SCR_011931

Alternate IDs: OMICS_01486, biotools:glimmer

Alternate URLs: <https://bio.tools/glimmer>, <https://sources.debian.org/src/tigr-glimmer/>

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260801T190425+0000

Ratings and Alerts

No rating or validation information has been found for Glimmer.

No alerts have been found for Glimmer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 637 mentions in open access literature.

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

Akanbi TM, et al. (2026) Isolation and characterization of TayeBlu, a novel bacteriophage of *Azotobacter vinelandii*. *Microbiology spectrum*, 14(1), e0128625.

Gittrich MR, et al. (2025) Isolation and characterization of 24 phages infecting the plant growth-promoting rhizobacterium *Klebsiella* sp. M5a1. *PloS one*, 20(2), e0313947.

Lu L, et al. (2025) Two novel phages infecting *Erythrobacter* isolated from the epipelagic ocean. *Frontiers in microbiology*, 16, 1592355.

Wannasrichan W, et al. (2025) A ribosome-interacting jumbophage protein associates with the phage nucleus to facilitate efficient propagation. *PLoS pathogens*, 21(2), e1012936.

Li W, et al. (2025) Isolation and Characterization of Aerobic and Facultative Anaerobic 17 β -Estradiol Degrading Bacteria in Paddy Soils and Their Potential Mechanisms. *Toxics*, 13(4).

Zheng YY, et al. (2025) *Algoriphagus aurantiacus* sp. nov. and *Algoriphagus persicinus* sp. nov., two novel species isolated from the shore soil of salt lake. *International journal of systematic and evolutionary microbiology*, 75(6).

Cui L, et al. (2025) Cultivation and metabolic versatility of novel and ubiquitous chemolithoautotrophic *Campylobacteria* from mangrove sediments. *Microbiology spectrum*, 13(9), e0036725.

Wang Y, et al. (2025) Effective simultaneous removal of 17 β -estradiol and tetracycline by a novel *Alkalibacterium* strain: characteristics, mechanisms, and application in livestock wastewater treatment. *Applied microbiology and biotechnology*, 109(1), 127.

Liu C, et al. (2025) Whole-genome sequencing and probiotic properties of *Lactobacillus helveticus* KM7 isolated from the gut of the Chinese honey bee (*Apis cerana*): A promising exopolysaccharide-producing strain. *BMC microbiology*, 25(1), 530.

Smith HT, et al. (2025) Pervasive role of pruritus in impaired quality of life in patients with primary biliary cholangitis: Data from the GLIMMER study. *Hepatology communications*, 9(3).

Ndovie W, et al. (2025) Exploration of the genetic landscape of bacterial dsDNA viruses reveals an ANI gap amid extensive mosaicism. *mSystems*, 10(2), e0166124.

Martin T, et al. (2025) Isolation and characterisation of *Klebsiella pneumoniae* bacteriophages vB_Kpn_Lilla1 and vB_Kpn_Lilla2. *Archives of virology*, 170(8), 186.

Li Y, et al. (2025) Genomic characterization and antifungal properties of *Paenibacillus polymyxa* YF, a promising biocontrol agent against *Fusarium oxysporum* pathogen of codonopsis root rot. *Frontiers in microbiology*, 16, 1549944.

Huang S, et al. (2025) Chromosome-level genome assembly of an important ethnic medicinal plant *Callicarpa nudiflora*. *Scientific data*, 12(1), 655.

Zhang S, et al. (2025) Mechanisms of Baicalin Alleviates Intestinal Inflammation: Role of M1 Macrophage Polarization and *Lactobacillus amylovorus*. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(21), e2415948.

Luo M, et al. (2025) Pathogenicity and host-interacting mechanisms of enterogenic *Enterobacter cancerogenus* in silkworm. *Frontiers in microbiology*, 16, 1548808.

Zhou Z, et al. (2025) Interspecies interactions mediated by arginine metabolism enhance the stress tolerance of *Fusobacterium nucleatum* against *Bifidobacterium animalis*. *Microbiology spectrum*, 13(3), e0223524.

Tian Y, et al. (2025) Comparative genomic and virulence analyses of a novel sequence type 420 *Streptococcus equi* subspecies *zooepidemicus* isolated from donkey. *Virulence*, 16(1), 2525964.

Gao Y, et al. (2025) *Lactiplantibacillus plantarum* Attenuates Diet-Induced Obesity and Insulin Resistance Through Gut Microbiota-Driven PPAR/PI3K-Axis Modulation. *Microbial biotechnology*, 18(11), e70227.

Zhang X, et al. (2025) Developing genome typing strategies for the emerging zoonotic pathogen *Streptococcus parasuis*. *Journal of clinical microbiology*, 63(11), e0074125.