

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Mega BLAST

RRID:SCR_011920

Type: Tool

Proper Citation

Mega BLAST (RRID:SCR_011920)

Resource Information

URL: <http://www.ncbi.nlm.nih.gov/blast/html/megablast.html>

Proper Citation: Mega BLAST (RRID:SCR_011920)

Description: Software that uses the greedy algorithm for nucleotide sequence alignment search.

Abbreviations: Mega BLAST

Resource Type: software resource

Funding:

Resource Name: Mega BLAST

Resource ID: SCR_011920

Alternate IDs: OMICS_01435

Record Creation Time: 20220129T080307+0000

Record Last Update: 20250410T070222+0000

Ratings and Alerts

No rating or validation information has been found for Mega BLAST.

No alerts have been found for Mega BLAST.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 278 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ze M, et al. (2024) Beneficial effects of *Bacillus mojavensis* strain MTC-8 on plant growth, immunity and disease resistance against *Magnaporthe oryzae*. *Frontiers in microbiology*, 15, 1422476.

Shen W, et al. (2024) Characterization of a broad-spectrum antifungal strain, *Streptomyces graminearus* STR-1, against *Magnaporthe oryzae*. *Frontiers in microbiology*, 15, 1298781.

Ahn M, et al. (2023) Bat ASC2 suppresses inflammasomes and ameliorates inflammatory diseases. *Cell*, 186(10), 2144.

Ramos LS, et al. (2023) SARS-CoV-2 Post-Infection and Sepsis by *Saccharomyces cerevisiae*: A Fatal Case Report-Focus on Fungal Susceptibility and Potential Virulence Attributes. *Tropical medicine and infectious disease*, 8(2).

Andreou A, et al. (2023) Is the Association of the Rare rs35667974 IFIH1 Gene Polymorphism With Autoimmune Diseases a Case of RNA Epigenetics? *Journal of molecular evolution*, 91(2), 204.

Zhou Y, et al. (2023) Exploiting a conjugative endogenous CRISPR-Cas3 system to tackle multidrug-resistant *Klebsiella pneumoniae*. *EBioMedicine*, 88, 104445.

Shao W, et al. (2022) Function of the Mitochondrial Transport Protein BcMtp1 in Regulating Vegetative Development, Asexual Reproduction, Stress Response, Fungicide Sensitivity, and Virulence of *Botrytis cinerea*. *Journal of fungi (Basel, Switzerland)*, 9(1).

Martínez-Murcia A, et al. (2022) SARS-CoV-2 Variants Identification; A Fast and Affordable Strategy Based on Partial S-Gene Targeted PCR Sequencing. *Viruses*, 14(11).

Zhu M, et al. (2022) Two NF- κ B subunits are associated with antimicrobial immunity in *Hyriopsis cumingii*. *Developmental and comparative immunology*, 129, 104336.

Behnezhad F, et al. (2022) Molecular detection and genotyping of Human Cytomegalovirus in kidney transplant recipients under ganciclovir prophylaxis in Iran. *Intervirolgy*, 66(1), 1.

Al-Busaidi A, et al. (2022) The Effect of Date Palm Genotypes on Rhizobacterial Community Structures under Saline Environments. *Biology*, 11(11).

Kalimuthu AK, et al. (2022) Cytotoxic Potential of Bioactive Compounds from *Aspergillus*

flavus, an Endophytic Fungus Isolated from *Cynodon dactylon*, against Breast Cancer: Experimental and Computational Approach. *Molecules* (Basel, Switzerland), 27(24).

Laake I, et al. (2022) Concurrent Infection With Multiple Human Papillomavirus Types Among Unvaccinated and Vaccinated 17-Year-Old Norwegian Girls. *The Journal of infectious diseases*, 226(4), 625.

Nkemngo FN, et al. (2022) Xeno-monitoring of molecular drivers of artemisinin and partner drug resistance in *P. falciparum* populations in malaria vectors across Cameroon. *Gene*, 821, 146339.

Angosto-Bazarra D, et al. (2022) Evolutionary analyses of the gasdermin family suggest conserved roles in infection response despite loss of pore-forming functionality. *BMC biology*, 20(1), 9.

Jin H, et al. (2022) Anaerobic Biohydrogenation of Isoprene by *Acetobacterium wieringae* Strain Y. *mBio*, 13(6), e0208622.

Zhang F, et al. (2022) Phosphate limitation intensifies negative effects of ocean acidification on globally important nitrogen fixing cyanobacterium. *Nature communications*, 13(1), 6730.

Hosseini N, et al. (2021) Lineage analysis of human papillomavirus type 39 in cervical samples of Iranian women. *Virology journal*, 18(1), 152.

Li N, et al. (2021) High-Throughput Metagenomics for Identification of Pathogens in the Clinical Settings. *Small methods*, 5(1), 2000792.

Santos CM, et al. (2021) Molecular and serological characterization of pathogenic *Leptospira* spp. isolated from symptomatic dogs in a highly endemic area, Brazil. *BMC veterinary research*, 17(1), 221.