

Resource Summary Report

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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

Resource Name: Mega BLAST

Resource ID: SCR_011920

Alternate IDs: OMICS_01435

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260919T195221+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 281 mentions in open access literature.

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

Ouyang Q, et al. (2026) Characterization of *Bacillus stercoris* JK-6 as an Antifungal Agent Against Crop Fungal Diseases. *Journal of fungi* (Basel, Switzerland), 12(7).

Xu Q, et al. (2025) Biocontrol Potential of *Bacillus stercoris* Strain DXQ-1 Against Rice Blast Fungus Guy11. *Microorganisms*, 13(7).

Wu Y, et al. (2025) *Fusobacterium* lineage profiling facilitates the clarification of the associations between non-nucleatum *Fusobacterium* and colorectal cancer. *NPJ biofilms and microbiomes*, 11(1), 197.

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

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.

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. *Intervirology*, 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).

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.

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.

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.

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.