

Resource Summary Report

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TBLASTX

RRID:SCR_011823

Type: Tool

Proper Citation

TBLASTX (RRID:SCR_011823)

Resource Information

URL:

http://blast.ncbi.nlm.nih.gov/Blast.cgi?PROGRAM=tblastx&PAGE_TYPE=BlastSearch&LINK_LOC=BLAST

Proper Citation: TBLASTX (RRID:SCR_011823)

Description: A web-based tool used to search translated nucleotide databases using a translated nucleotide query.

Abbreviations: TBLASTX

Synonyms: Translated BLAST: tblastx

Resource Type: software resource, web application

Keywords: nucleotide database, web based, nucleotide query

Availability: Available to the research community

Resource Name: TBLASTX

Resource ID: SCR_011823

Alternate IDs: OMICS_01000

Record Creation Time: 20220129T080306+0000

Record Last Update: 20260821T193947+0000

Ratings and Alerts

No rating or validation information has been found for TBLASTX.

No alerts have been found for TBLASTX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1467 mentions in open access literature.

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

Muñoz-Gómez SA, et al. (2026) Evolutionary assembly of a unique purple-green photosymbiosis revealed by expanded ciliate diversity. *The ISME journal*, 20(1).

Kabil M, et al. (2026) A new Kayvirus vB_SauM-MUHD-1 combats Methicillin-resistant *Staphylococcus aureus* wound infections. *Applied microbiology and biotechnology*, 110(1).

Zell R, et al. (2026) A metagenomic analysis of urban river samples reveals high numbers of sequences related to mycoviruses. *Archives of virology*, 171(2), 46.

García-Rivera C, et al. (2026) Bridging clinical and environmental reservoirs: antimicrobial resistance in the emerging pathogen *Shewanella* algae. *Antimicrobial agents and chemotherapy*, 70(5), e0189125.

Sabry H, et al. (2026) Phage vB_AbaM_MU1 for biocontrol of carbapenem-resistant *Acinetobacter baumannii* (CRAB) isolated from wound infection. *Virology journal*, 23(1).

Singh Mavi P, et al. (2026) A histidine pseudokinase modulates polar growth and cell shape in *Streptomyces venezuelae*. *Communications biology*, 9(1).

Leonardo IC, et al. (2026) A novel temperate phage from *Alicyclobacillus*: first evidence in this genus of genomic identity to a sigK-integrated prophage. *Microbiology spectrum*, 14(5), e0374725.

Ravi A, et al. (2026) Cattle feces are a reservoir of diverse *Acinetobacter* species with potential to spread antibiotic resistance genes. *Animal microbiome*, 8(1).

Suhani S, et al. (2026) *Staphylococcus* species infected by a bacteriophage with a tail that is both curved and contractile. *mBio*, 17(3), e0382925.

Cunha-Neto IL, et al. (2026) Ectopic cambium in wisteria vines are associated with the expression of conserved KNOX genes. *Nature communications*, 17(1).

Bowder M, et al. (2026) Phage isolation and functional characterization reveal strong antibiofilm activity against *Pseudomonas aeruginosa* in a cystic fibrosis sputum model. *Frontiers in cellular and infection microbiology*, 16, 1753740.

Sáenz JS, et al. (2026) The chicken gut virome: spatial structuring and extensive diversity of 19,778 viral populations. *mSystems*, 11(4), e0019126.

Khatun MF, et al. (2026) Comprehensive virome analysis of potato crops in Bangladesh reveals diverse viral communities and the first report of potato virus V. *Virology journal*,

23(1).

Setiawan R, et al. (2026) Genome-based taxonomy and provirus identification in *Halococcus* from hypersaline environments. *Current research in microbial sciences*, 11, 100637.

Michalik A, et al. (2026) Convergent extreme reductive evolution in ancient planthopper symbioses. *Nature communications*, 17(1).

Kwak M, et al. (2026) High-throughput sequencing-based virome analysis reveals genomic diversity and recombination of tomato-infecting viruses in Korea. *Scientific reports*, 16(1).

Hardies SC, et al. (2026) Alishewanella Phage LSH1 from the Sea Surface Microlayer Provides a Novel Minimalistic View of the Siphoviral Hub Structure. *Computational and structural biotechnology journal*, 35(1), 0131.

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

Barstow AC, et al. (2025) Variant filters using segregation information improve mapping of nectar-production genes in sunflower (*Helianthus annuus* L.). *The plant genome*, 18(2), e70042.

Zhong H, et al. (2025) A virulent phage vB_VpaP_R28Z infecting *Vibrio parahaemolyticus* with potential for therapeutic application. *BMC microbiology*, 25(1), 433.