

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: 20260801T190432+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 1446 mentions in open access literature.

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

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

Resoles JAA, et al. (2025) The neuropeptidomes of the sea cucumbers *Stichopus cf. horrens* and *Holothuria scabra*. *Scientific reports*, 15(1), 7032.

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

Du S, et al. (2025) Marine Autographiviridae phages exhibit high genetic diversity and global-scale biogeographic patterns. *Communications biology*, 8(1), 1240.

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.

Zhang K, et al. (2025) Characterization of a novel Jumbo phage JP4 with potential to control pathogenic *Escherichia coli*. *Virology journal*, 22(1), 386.

Pabón-Mora N, et al. (2025) The floral ABCs of *Hydnora*, one of the most bizarre parasitic plants in the world, and its autotrophic relatives of the order Piperales. *EvoDevo*, 16(1), 16.

Gu J, et al. (2025) Crosstalk between inovirus core gene and accessory toxin-antitoxin system mediates polylysogeny. *Nature communications*, 16(1), 7268.

Wang J, et al. (2025) Comparative functional analysis of a new CDR1-like ABC transporter gene in multidrug resistance and virulence between *Magnaporthe oryzae* and *Trichophyton mentagrophytes*. *Cell communication and signaling : CCS*, 23(1), 69.

Bessho-Uehara M, et al. (2025) Biochemical basis of endogenous bioluminescent springtail *Lobella sauteri* (Collembola). *Biology open*, 14(5).

Hwang J, et al. (2025) Ancient gene clusters govern the initiation of monoterpene indole alkaloid biosynthesis and C3 stereochemistry inversion. *Nature communications*, 16(1), 10495.

Abá KES, et al. (2025) Predictive models of the genetic bases underlying budding yeast fitness in multiple environments. *bioRxiv : the preprint server for biology*.

Chen X, et al. (2025) Isolation and characterization of two novel phages with lytic activity against multidrug-resistant *Acinetobacter baumannii* strains: potential for phage therapy. *Scientific reports*, 15(1), 43520.

Mathur Y, et al. (2025) Capturing dynamic phage-pathogen coevolution by clinical surveillance. *bioRxiv : the preprint server for biology*.

Ehrlich H, et al. (2025) Discovery of mammalian collagens I and III within ancient poriferan biopolymer spongin. *Nature communications*, 16(1), 2515.

Hafeez AN, et al. (2025) *Septoria tritici* blotch resistance gene *Stb15* encodes a lectin receptor-like kinase. *Nature plants*, 11(3), 410.

Magar S, et al. (2025) Characterization and genomic analysis of Sharanji: a jumbo bacteriophage of *Escherichia coli*. *Virology journal*, 22(1), 67.

Abdel-Razek MA, et al. (2025) Analysis of a novel phage as a promising biological agent targeting multidrug resistant *Klebsiella pneumoniae*. *AMB Express*, 15(1), 37.

Kurotani KI, et al. (2025) Establishing a comprehensive web-based analysis platform for *Nicotiana benthamiana* genome and transcriptome. *The Plant journal : for cell and molecular biology*, 121(1), e17178.

Cui J, et al. (2025) High-alcohol-producing *Klebsiella pneumoniae* aggravates lung injury by affecting neutrophils and the airway epithelium. *Cell reports. Medicine*, 6(1), 101886.