Resource Summary Report

Generated by NIF on May 10, 2025

FASTX-Toolkit

RRID:SCR_005534

Type: Tool

Proper Citation

FASTX-Toolkit (RRID:SCR_005534)

Resource Information

URL: http://hannonlab.cshl.edu/fastx_toolkit/

Proper Citation: FASTX-Toolkit (RRID:SCR_005534)

Description: Software tool as collection of command line tools for Short-Reads

FASTA/FASTQ files preprocessing.

Synonyms: FASTQ/A short-reads pre-processing tools

Resource Type: software toolkit, data processing software, software application, software

resource

Keywords: Short reads, FASTA file, FASTQ file, preprocessing, command line tools,

bio.tools

Funding:

Availability: Free, Available for download, Freely available

Resource Name: FASTX-Toolkit

Resource ID: SCR_005534

Alternate IDs: SCR_019035, SCR_015042, biotools:fastx-toolkit, OMICS_01045

Alternate URLs: https://github.com/agordon/fastx_toolkit, https://bio.tools/fastx-toolkit

License: Affero GPL (AGPL)

Record Creation Time: 20220129T080230+0000

Record Last Update: 20250509T055726+0000

Ratings and Alerts

No rating or validation information has been found for FASTX-Toolkit.

No alerts have been found for FASTX-Toolkit.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2492 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Dong J, et al. (2025) ZNF143 binds DNA and stimulates transcription initiation to activate and repress direct target genes. Nucleic acids research, 53(2).

Hamami E, et al. (2025) Identification of determinants that allow maintenance of high-level fluoroquinolone resistance in Acinetobacter baumannii. mBio, 16(1), e0322124.

Laffranchi M, et al. (2025) Neutrophils restricted contribution of CCRL2 genetic variants to COVID-19 severity. Heliyon, 11(1), e41267.

Thibaut MM, et al. (2025) The microbiota-derived bile acid taurodeoxycholic acid improves hepatic cholesterol levels in mice with cancer cachexia. Gut microbes, 17(1), 2449586.

Cigler M, et al. (2025) Orpinolide disrupts a leukemic dependency on cholesterol transport by inhibiting OSBP. Nature chemical biology, 21(2), 193.

Willemsen A, et al. (2025) Novel High-Quality Amoeba Genomes Reveal Widespread Codon Usage Mismatch Between Giant Viruses and Their Hosts. Genome biology and evolution, 17(1).

Jara-Servin A, et al. (2025) Microbial Communities in Agave Fermentations Vary by Local Biogeographic Regions. Environmental microbiology reports, 17(1), e70057.

Kulmann MIR, et al. (2025) Enhanced RNAi does not provide efficient innate antiviral immunity in mice. Nucleic acids research, 53(1).

Forman TE, et al. (2024) PDGFR? signaling regulates Srsf3 transcript binding to affect PI3K signaling and endosomal trafficking. eLife, 13.

Pianka ST, et al. (2024) D-2-HG Inhibits IDH1mut Glioma Growth via FTO Inhibition and Resultant m6A Hypermethylation. Cancer research communications, 4(3), 876.

Beiki H, et al. (2024) Enhanced bovine genome annotation through integration of transcriptomics and epi-transcriptomics datasets facilitates genomic biology. GigaScience, 13.

Hai L, et al. (2024) A clinically applicable connectivity signature for glioblastoma includes the tumor network driver CHI3L1. Nature communications, 15(1), 968.

Ma H, et al. (2024) The low-density lipoprotein receptor promotes infection of multiple encephalitic alphaviruses. Nature communications, 15(1), 246.

Lee YJ, et al. (2024) A mutation in the low-complexity domain of splicing factor hnRNPA1 linked to amyotrophic lateral sclerosis disrupts distinct neuronal RNA splicing networks. Genes & development, 38(1-2), 11.

Chang WL, et al. (2024) Gut Microbiota in Patients with Prediabetes. Nutrients, 16(8).

Tang S, et al. (2024) A IncRNA Dleu2-encoded peptide relieves autoimmunity by facilitating Smad3-mediated Treg induction. EMBO reports, 25(3), 1208.

Coradduzza E, et al. (2024) The Global Evolutionary History of Orf Virus in Sheep and Goats Revealed by Whole Genomes Data. Viruses, 16(1).

Tan T, et al. (2024) Dynamic nucleolar phase separation influenced by non-canonical function of LIN28A instructs pluripotent stem cell fate decisions. Nature communications, 15(1), 1256.

Gustafsson M, et al. (2024) Unlocking the secret life of blue mussels: Exploring connectivity in the Skagerrak through biophysical modeling and population genomics. Evolutionary applications, 17(5), e13704.

Zhao Y, et al. (2024) Exploring Alashan Ground Squirrel (Spermophilus alashanicus) Diversity: Metagenomic and Transcriptomic Datasets from the Helan Mountains. Scientific data, 11(1), 517.