Resource Summary Report

Generated by NIF on Aug 19, 2026

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, software resource, data processing software, software application

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

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: 20260819T044136+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 2864 mentions in open access literature.

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

Tomassi AH, et al. (2026) Precision RNAi in Tomato Using Synthetic Trans-Acting Small Interfering RNAs Derived From Minimal Precursors. Plant biotechnology journal, 24(3), 1269.

Kaur H, et al. (2026) Dynamicity of Topoisomerase 1 binding at super-enhancers regulates TLR-responsive gene expression program in macrophages. Cell reports, 45(7), 117604.

Choubey P, et al. (2026) Cohesin complex cooperates with PU.1 at super-enhancers to regulate the differentiation and identity of conventional dendritic cells. Cell reports, 45(5), 117331.

Yinda CK, et al. (2026) Spatio-temporal dynamics of Hendra virus in Australia reveal stable maintenance of diverse viral clades among Pteropus bats. Nature microbiology, 11(4), 851.

Bronnec P, et al. (2026) SpeckSeq enables high-throughput functional stratification of MEFV variants in autoinflammatory diseases. The Journal of experimental medicine, 223(2).

Allaby RG, et al. (2026) Early colonization before inundation consistent with northern glacial refugia in Southern Doggerland revealed by sedimentary ancient DNA. Proceedings of the National Academy of Sciences of the United States of America, 123(11), e2508402123.

Kashiyama Y, et al. (2026) Transient molecular chimerism for exploiting xenogeneic organelles. Nature communications, 17(1).

Downing T, et al. (2026) Using pangenome variation graphs to improve mutation detection in a large DNA virus. Microbial genomics, 12(5).

Feng Z, et al. (2026) DNA polymorphisms and N6-methyladenosine RNA methylation influencing microRNA expression and regulatory activity in plants. BMC plant biology, 26(1).

Hwang RW, et al. (2026) Accelerated reprogramming of hiPSCs into functional brain endothelial-like cells using multiplexed CRISPR activation. Scientific reports, 16(1).

Cheng J, et al. (2026) RNA-Binding Proteins Alter Redox Gene Splicing in Biliary Atresia: Insights from Expression Profiling. ACS omega, 11(15), 23328.

Calderón L, et al. (2026) In vivo CRISPR/Cas9 screens identify new regulators of B cell activation and plasma cell differentiation. The Journal of experimental medicine, 223(3).

Brosnan CA, et al. (2026) Foliar-applied double-stranded RNA is mobile, transfers to plant pathogens, and triggers RNAi. Nucleic acids research, 54(1).

Mullick A, et al. (2026) AAV Assembled Capsids Are Produced in Cells Blocked From Cell Cycle Progression. Biotechnology and bioengineering, 123(2), 273.

Solbach MD, et al. (2026) Legacies of consecutive summer droughts on soil-borne plant parasitic protists (Oomycota: Stramenopila and Phytomyxea: Rhizaria) and protistan consumers (Cercozoa: Rhizaria) along an experimental plant diversity gradient. The New phytologist, 249(4), 2010.

Gilbride C, et al. (2026) A stable subgenomic reporter coronavirus enables transcriptional profiling of bystander cells. The Journal of general virology, 107(6).

Zhang X, et al. (2026) Ovoid cell is an inducible small-sized morphotype that enhances proliferation and antifungal drug tolerance in the human fungal pathogen Cryptococcus neoformans. PLoS pathogens, 22(6), e1014302.

Black KA, et al. (2026) Resolution of a T1-Like Bacteriophage Outbreak by Receptor Engineering. Molecular biotechnology, 68(3), 1411.

Chang Q, et al. (2026) Integrative RNA-seq and iRIP-seq analysis links SNRPA overexpression to transcriptomic and splicing alterations in hepatocellular carcinoma cells. Frontiers in oncology, 16, 1800728.

Müller J, et al. (2026) GLYATL1 is associated with metabolic and epigenetic changes and with endocrine resistance in luminal breast cancer. Clinical epigenetics, 18(1).