Resource Summary Report

Generated by <u>dkNET</u> on May 6, 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, software resource, software application, data processing software

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

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 <u>dkNET</u>.

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

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

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

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.

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

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

Kinoshita S, et al. (2024) Loss of NSD2 causes dysregulation of synaptic genes and altered H3K36 dimethylation in mice. Frontiers in genetics, 15, 1308234.

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

Kohlhase DR, et al. (2024) GmGLU1 and GmRR4 contribute to iron deficiency tolerance in soybean. Frontiers in plant science, 15, 1295952.

Yang Y, et al. (2024) Mutations of the circadian clock genes Cry, Per, or Bmal1 have different effects on the transcribed and nontranscribed strands of cycling genes. Proceedings of the National Academy of Sciences of the United States of America, 121(8), e2316731121.

Mercier BC, et al. (2024) Translation-dependent and -independent mRNA decay occur through mutually exclusive pathways defined by ribosome density during T cell activation. Genome research, 34(3), 394.

Yang N, et al. (2024) RNA-binding proteins potentially regulate the alternative splicing of cell cycle-associated genes in proliferative diabetic retinopathy. Scientific reports, 14(1), 6731.

Hamami E, et al. (2024) Identification of Determinants that Allow Maintenance of High-Level Fluoroquinolone Resistance in Acinetobacter baumannii. bioRxiv : the preprint server for biology.

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