Resource Summary Report

Generated by NIF on Apr 27, 2025

Picard

RRID:SCR 006525

Type: Tool

Proper Citation

Picard (RRID:SCR_006525)

Resource Information

URL: http://broadinstitute.github.io/picard/

Proper Citation: Picard (RRID:SCR_006525)

Description: Java toolset for working with next generation sequencing data in the BAM

format.

Resource Type: software toolkit, software resource, source code

Keywords: next generation sequencing, java, bam

Funding:

Availability: Available for download, Free

Resource Name: Picard

Resource ID: SCR 006525

Alternate IDs: OMICS_01066

Alternate URLs: http://sourceforge.net/projects/picard/,

https://github.com/broadinstitute/picard, https://sources.debian.org/src/picard-tools/

License: Apache License, v2, MIT License

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250426T055857+0000

Ratings and Alerts

 Used for sequencing service by the Human Islet Research Network community.
Contact(s): Golnaz Vahedi, Klaus Kaestner - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Picard.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12322 mentions in open access literature.

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

Sasaki M, et al. (2025) Efficacy of CBP/p300 Dual Inhibitors against Derepression of KREMEN2 in cBAF-Deficient Cancers. Cancer research communications, 5(1), 24.

Allman A, et al. (2025) Splenic fibroblasts control marginal zone B cell movement and function via two distinct Notch2-dependent regulatory programs. Immunity, 58(1), 143.

Al-Mamun HA, et al. (2025) Exploring genomic feature selection: A comparative analysis of GWAS and machine learning algorithms in a large-scale soybean dataset. The plant genome, 18(1), e20503.

Tsukahara S, et al. (2025) Centrophilic retrotransposon integration via CENH3 chromatin in Arabidopsis. Nature, 637(8046), 744.

Duan S, et al. (2025) H3K56 acetylation regulates chromatin maturation following DNA replication. Nature communications, 16(1), 134.

Zhao M, et al. (2025) Integrated multiomics signatures to optimize the accurate diagnosis of lung cancer. Nature communications, 16(1), 84.

Zhou C, et al. (2025) The transcription factor GABPA is a master regulator of naive pluripotency. Nature cell biology, 27(1), 48.

Jiang X, et al. (2025) The whole-genome dissection of root system architecture provides new insights for the genetic improvement of alfalfa (Medicago sativa L.). Horticulture research, 12(1), uhae271.

Tsay K, et al. (2025) Localized Reconstruction of Multimodal Distance Distribution from DEER Data of Biopolymers. bioRxiv: the preprint server for biology.

Wang F, et al. (2025) Oncogenic role of RARG rearrangements in acute myeloid leukemia resembling acute promyelocytic leukemia. Nature communications, 16(1), 617.

Bogaerts B, et al. (2025) Galaxy @Sciensano: a comprehensive bioinformatics portal for genomics-based microbial typing, characterization, and outbreak detection. BMC genomics, 26(1), 20.

Liu F, et al. (2025) Genome-wide development of simple sequence repeat (SSR) markers at 2-Mb intervals in lotus (Nelumbo Adans.). BMC genomics, 26(1), 4.

Klein L, et al. (2025) Spatial tumor immune heterogeneity facilitates subtype co-existence and therapy response in pancreatic cancer. Nature communications, 16(1), 335.

Painter H, et al. (2025) Backtranslation of human RNA biosignatures of tuberculosis disease risk into the preclinical pipeline is condition dependent. mSphere, 10(1), e0086424.

Fani F, et al. (2025) Mode of action of silver-based perovskite against Gram-negative bacteria. Microbiology spectrum, 13(1), e0164824.

Felicelli C, et al. (2025) Genomic characterization and histologic analysis of uterine leiomyosarcoma arising from leiomyoma with bizarre nuclei. The Journal of pathology, 265(2), 211.

Zhang X, et al. (2025) Prevalence of Transcription Factor 4 Gene Triplet Repeat Expansion Associated with Fuchs' Endothelial Corneal Dystrophy in the United States and Global Populations. Ophthalmology science, 5(1), 100611.

Qin XL, et al. (2025) Emerging epidemic of the Africa-type plasmid in penicillinase-producing Neisseria gonorrhoeae in Guangdong, China, 2013-2022. Emerging microbes & infections, 14(1), 2440489.

Xu F, et al. (2025) Evaluation of cfDNA fragmentation characteristics in plasma for the diagnosis of lung cancer: A prospective cohort study. Cancer science, 116(1), 248.

Shi L, et al. (2025) CRISPRepi: a multi-omic atlas for CRISPR-based epigenome editing. Nucleic acids research, 53(D1), D901.