

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

FreeBayes

RRID:SCR_010761

Type: Tool

Proper Citation

FreeBayes (RRID:SCR_010761)

Resource Information

URL: <https://github.com/ekg/freebayes>

Proper Citation: FreeBayes (RRID:SCR_010761)

Description: A Bayesian genetic variant detector designed to find small polymorphisms, specifically SNPs, indels, MNPs, and complex events smaller than the length of a short-read sequencing alignment.

Abbreviations: FreeBayes

Resource Type: software resource

Defining Citation: [DOI:arXiv:1207.3907](https://doi.org/10.1101/051166)

Keywords: single-nucleotide polymorphism, indel, insertion, deletion, multi-nucleotide polymorphism, complex event, composite insertion, substitution event, bio.tools

Resource Name: FreeBayes

Resource ID: SCR_010761

Alternate IDs: OMICS_00059, biotools:freebayes

Alternate URLs: <https://bio.tools/freebayes>, <https://sources.debian.org/src/freebayes/>

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260801T190415+0000

Ratings and Alerts

No rating or validation information has been found for FreeBayes.

No alerts have been found for FreeBayes.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1982 mentions in open access literature.

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

Yang Q, et al. (2026) Molecular mechanism of resistance to lonafarnib conferred by mutations in the cysteine-rich region of respiratory syncytial virus fusion glycoprotein and discovery of a lonafarnib-derived antiviral PROTAC. *Journal of virology*, 100(1), e0148725.

Niu T, et al. (2026) O⁺Island 28 encodes a type I secretion and RTX adhesion system regulated by RstA and required for early EHEC O157:H7 adherence. *Gut microbes*, 18(1), 2609461.

Clare SJ, et al. (2026) A high-recovery, high-density targeted genotyping platform for cranberry. *The plant genome*, 19(1), e70153.

De Luca DG, et al. (2026) Phylogenomic analysis and genetic mechanisms of antifungal resistance in clinical isolates of *Candida glabrata* (*Nakaseomyces glabratus*) from across Canada, 2013-2020. *Microbiology spectrum*, 14(1), e0180325.

Khan N, et al. (2025) Human Papillomavirus Integration Induces Oncogenic Host Gene Fusions in Oropharyngeal Cancers. *Cancer discovery*, 15(9), 1927.

Meißner R, et al. (2025) Unraveling genome- and immunome-wide genetic diversity in modern and historical Jaguars. *Genome biology*, 26(1), 415.

Gui C, et al. (2025) The rare hemoglobin variants Hb O-Arab and Hb D-Punjab identified in population-based genetic screening throughout Guangxi, China. *Frontiers in genetics*, 16, 1622391.

Marques CI, et al. (2025) Physiological plasticity in zebra finch color varieties mitigates DNA damage under oxidative stress. *iScience*, 28(7), 112937.

Peng T, et al. (2025) Individualized patient tumor organoids faithfully preserve human brain tumor ecosystems and predict patient response to therapy. *Cell stem cell*, 32(4), 652.

Ni A, et al. (2025) Identifying candidate genetic variants for egg number by analyzing over 1,000 fully sequenced layers. *GigaScience*, 14.

Lee LH, et al. (2025) Defining Non-small Cell Lung Cancer Tumor Microenvironment Changes at Primary and Acquired Immune Checkpoint Inhibitor Resistance Using Clinical and Real-World Data. *Cancer research communications*, 5(6), 1049.

Ng NKL, et al. (2025) Mechanism of Initial Favorable Response to Decitabine in TP53-Mutated MDS/AML and Potential Mechanisms of Subsequent Relapse. *Clinical cancer*

research : an official journal of the American Association for Cancer Research, 31(14), 3048.

Bayet M, et al. (2025) Modeling the PAX5P80R Mutation Reveals HIF2 α Activation as a Common Feature and Therapeutic Target in B-cell Acute Lymphoblastic Leukemia. Cancer research, 85(15), 2820.

Withers HG, et al. (2025) Intratumoral B cell and interferon signatures in newly diagnosed glioblastoma are associated with longer survival in patients treated with SurVaxM. Cancer immunology, immunotherapy : CII, 74(11), 332.

Suda K, et al. (2025) Low OLFM1 and BMP6 Expression Predicts Recurrence in Early-Stage Nonsquamous NSCLC with Pure Solid Tumor Appearance. Cancer research communications, 5(12), 2186.

Fiorica PN, et al. (2025) Germline Pathogenic DROSHA Variants Are Linked to Pineoblastoma and Wilms Tumor Predisposition. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(8), 1491.

Yang F, et al. (2025) Hierarchical architecture of neo-sex chromosomes and accelerated adaptive evolution in tortricid moths. Genome research, 35(1), 66.

Perlmutter JI, et al. (2025) Wolbachia enhances the survival of Drosophila infected with fungal pathogens. BMC biology, 23(1), 42.

Bergson S, et al. (2025) HMCN1 variants aggravate epidermolysis bullosa simplex phenotype. The Journal of experimental medicine, 222(5).

Owens GL, et al. (2025) Shared Selection and Genetic Architecture Drive Strikingly Repeatable Evolution in Long-Term Experimental Hybrid Populations. Molecular biology and evolution, 42(1).