

Resource Summary Report

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Snakemake

RRID:SCR_003475

Type: Tool

Proper Citation

Snakemake (RRID:SCR_003475)

Resource Information

URL: <https://bitbucket.org/johanneskoester/snakemake/wiki/>

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Description: A Python based language and execution environment for make-like workflows. The system supports the use of automatically inferred multiple named wildcards (or variables) in input and output filenames.

Abbreviations: Snakemake

Synonyms: snakemake - A Python based language and execution environment for make-like workflows

Resource Type: software resource

Defining Citation: [PMID:22908215](#), [DOI:10.1093/bioinformatics/bts480](#)

Keywords: python, workflow, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Snakemake

Resource ID: SCR_003475

Alternate IDs: OMICS_02299, biotools:snakemake

Alternate URLs: <https://snakemake.github.io/>

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260801T190231+0000

Ratings and Alerts

No rating or validation information has been found for Snakemake.

No alerts have been found for Snakemake.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 393 mentions in open access literature.

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

Kulikov N, et al. (2026) The Chromosome-Scale Genome Assembly of the Redlip Blenny, *Ophioblennius macclurei* (Blenniidae). *Genome biology and evolution*, 18(1).

Keller MS, et al. (2025) Vitessce: integrative visualization of multimodal and spatially resolved single-cell data. *Nature methods*, 22(1), 63.

Hernández M, et al. (2025) Contrasting recovery of metagenome-assembled genomes and derived bacterial communities and functional profiles from lizard fecal and cloacal samples. *Animal microbiome*, 7(1), 15.

Goel S, et al. (2025) A Phase II Study of Abemaciclib for Patients with Retinoblastoma-Positive, Metastatic Triple-Negative Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(8), 1427.

Wang Z, et al. (2025) A genomic and phenotypic investigation of pigeon-adaptive *Salmonella*. *PLoS pathogens*, 21(3), e1012992.

Parker MT, et al. (2025) Scalable eQTL mapping using single-nucleus RNA-sequencing of recombined gametes from a small number of individuals. *PLoS biology*, 23(4), e3003085.

Cuenca-Guardiola J, et al. (2025) Advanced analysis of retrotransposon variation in the human genome with nanopore sequencing using RetroInspector. *Scientific reports*, 15(1), 14489.

Zhou J, et al. (2025) Human Body Single-Cell Atlas of 3D Genome Organization and DNA Methylation. *bioRxiv : the preprint server for biology*.

Salehi M, et al. (2025) Gender differences in global antimicrobial resistance. *NPJ biofilms and microbiomes*, 11(1), 79.

Popov IV, et al. (2025) Genomic insights into *Streptomyces albidoflavus* SM254: tracing the putative signs of anti-*Pseudogymnoascus destructans* properties. *Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology]*, 56(3), 2121.

Lerminiaux N, et al. (2025) Plasmid genomic epidemiology of bla NDM carbapenemase-producing Enterobacterales in Canada from 2010 to 2023. *Microbial genomics*, 11(8).

Santolla N, et al. (2025) AI-based antibody design targeting recent H5N1 avian influenza strains. *Computational and structural biotechnology journal*, 27, 2915.

Deng Z, et al. (2025) Multidimensional insights into the biodiversity of *Streptomyces* in soils of China: a pilot study. *Microbiology spectrum*, 13(5), e0169224.

Zocca P, et al. (2025) Glandless, a tomato HD-ZIP transcription factor, is important for the gland formation of type VI trichomes. *The Plant journal : for cell and molecular biology*, 123(1), e70308.

Clavell-Revelles P, et al. (2025) Long-read transcriptomics of a diverse human cohort reveals widespread ancestry bias in gene annotation. *bioRxiv : the preprint server for biology*.

Chen YA, et al. (2025) NIBN Japan Microbiome Database, a database for exploring the correlations between human microbiome and health. *Scientific reports*, 15(1), 19640.

Rosa F, et al. (2025) Morphological and genetic polymorphisms in *Rhipicephalus sanguineus* (Latreille 1806) from the Iberian Peninsula. *Parasitology research*, 124(9), 105.

Ivankovi? I, et al. (2025) The effects of bioinformatics preprocessing on cell-free DNA fragment analysis. *GigaScience*, 14.

Ghosh A, et al. (2025) Prokaryotic co-occurrence patterns in diverse Indian mangrove ecosystems. *Scientific reports*, 15(1), 38283.

Sun S, et al. (2025) Single-cell multiomics analysis reveals CTCF as a key regulator of lung morphogenesis and progenitor maintenance. *Nature communications*, 16(1), 10729.