

# Resource Summary Report

Generated by T1D on Jul 31, 2026

## Atac

RRID:SCR\_015980

Type: Tool

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### Proper Citation

Atac (RRID:SCR\_015980)

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### Resource Information

**URL:** <http://kmer.sourceforge.net>

**Proper Citation:** Atac (RRID:SCR\_015980)

**Description:** Alignment analysis software tool for comparative mapping between two genome assemblies or between two different genomes. It can cache intermediate results to speed a comparisons of multiple sequences.

**Resource Type:** data processing software, sequence analysis software, data analysis software, software resource, image analysis software, alignment software, software application

**Defining Citation:** [DOI:10.1093/bioinformatics/btr285](https://doi.org/10.1093/bioinformatics/btr285)

**Keywords:** software, tool, DNA, sequence, analysis, aligning, genome, compare, mapping, assembly, bio.tools

**Availability:** Free, Freely available, Available for download

**Resource Name:** Atac

**Resource ID:** SCR\_015980

**Alternate IDs:** OMICS\_29044, biotools:atac

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

**License:** GNU General Public License version 2.0 (GPLv2)

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260731T042958+0000

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### Ratings and Alerts

No rating or validation information has been found for Atac.

No alerts have been found for Atac.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1748 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

Burgos-Ruiz AM, et al. (2026) A single-cell multiomics roadmap of zebrafish spermatogenesis reveals regulatory principles of male germline formation. *Molecular systems biology*, 22(1), 42.

Li JJ, et al. (2026) NSD2 targeting reverses plasticity and drug resistance in prostate cancer. *Nature*, 649(8095), 216.

Zhang G, et al. (2026) Spatial Reorganization of Chromatin Architecture Shapes the Expression Phenotype of Therapy-Induced Senescent Cells. *Aging cell*, 25(1), e70366.

Shi C, et al. (2026) Enhancer Rewiring Orchestrates Inflammation and Loss of Cell Identity During Muscle Stem Cell Aging. *Aging cell*, 25(1), e70289.

Yeki S, et al. (2026) Sex-Specific doublesex Regulation Targeting the Color-Patterning Gene *h* Underlies the Evolution of Wing Sexual Dimorphism in the Harlequin Ladybug *Harmonia axyridis*. *Evolution & development*, 28(1), e70028.

Xi X, et al. (2025) A mechanism-informed deep neural network enables prioritization of regulators that drive cell state transitions. *Nature communications*, 16(1), 1284.

Chowdhury SR, et al. (2025) RNA Pol-II transcripts in nucleolar associated domains of cancer cell nucleoli. *Nucleus (Austin, Tex.)*, 16(1), 2468597.

Chandra NA, et al. (2025) Refining the cis-regulatory grammar learned by sequence-to-activity models by increasing model resolution. *bioRxiv : the preprint server for biology*.

Flynn A, et al. (2025) Multi-omic analysis of SDHB-deficient pheochromocytomas and paragangliomas identifies metastasis and treatment-related molecular profiles. *Nature communications*, 16(1), 2632.

Jiao F, et al. (2025) RACK7 Interacts with PRC2 Complex to Regulate Astrocyte Development. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(19), e2416350.

Li SH, et al. (2025) Skin regional specification and higher-order HoxC regulation. *Science advances*, 11(12), eado2223.

Hao Y, et al. (2025) KLF1 Promotes Cardiomyocyte Proliferation and Heart Regeneration Through Regulation of Wnt/??-Catenin Signaling Pathway. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(21), e2413964.

Chen M, et al. (2025) Capturing cell-type-specific activities of cis-regulatory elements from peak-based single-cell ATAC-seq. *Cell genomics*, 5(3), 100806.

Li X, et al. (2025) Immunoregulatory programs in anti-N-methyl-D-aspartate receptor encephalitis identified by single-cell multi-omics analysis. *Clinical and translational medicine*, 15(1), e70173.

Wiechens E, et al. (2025) Gene regulation by convergent promoters. *Nature genetics*, 57(1), 206.

Zou Z, et al. (2025) The J bs-5YP peptide can alleviate dementia in senile mice by restoring the transcription of Slc40a1 to secrete the excessive iron from brain. *Journal of advanced research*, 69, 51.

Pacalin NM, et al. (2025) Bidirectional epigenetic editing reveals hierarchies in gene regulation. *Nature biotechnology*, 43(3), 355.

Sun L, et al. (2025) BRD8 Guards the Pluripotent State by Sensing and Maintaining Histone Acetylation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2409160.

Liu H, et al. (2025) Aging alters the effect of adiponectin receptor signaling on bone marrow-derived mesenchymal stem cells. *Aging cell*, 24(2), e14390.

Liu Y, et al. (2025) iDog: a multi-omics resource for canids study. *Nucleic acids research*, 53(D1), D1039.