

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[ataqv](#)

RRID:SCR_023112

Type: Tool

Proper Citation

ataqv (RRID:SCR_023112)

Resource Information

URL: <https://github.com/ParkerLab/ataqv>

Proper Citation: ataqv (RRID:SCR_023112)

Description: Software package for QC and visualization of ATAC-seq results. Used to examine aligned reads and report basic metrics, including reads mapped in proper pairs, optical or PCR duplicates, reads mapping to autosomal or mitochondrial references, ratio of short to mononucleosomal fragment counts, mapping quality, various kinds of problematic alignments.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:32213349](#)

Keywords: QC of ATAC-seq results, visualization of ATAC-seq results, examine aligned reads, mapping quality,

Funding: NIDDK R01 DK-117960;
American Diabetes Association Pathway to Stop Diabetes ;
NHGRI T32 HG00040;
NIDDK T32 DK101357;
University of Michigan Rackham Predoctoral Fellowship

Availability: Free, Available for download, Freely available

Resource Name: ataqv

Resource ID: SCR_023112

Alternate URLs: <https://parkerlab.github.io/ataqv/demo/>

License: GNU GPL v3.0

Record Creation Time: 20230116T062750+0000

Ratings and Alerts

No rating or validation information has been found for ataqv.

No alerts have been found for ataqv.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Alizada A, et al. (2025) Transcriptional regulation of the piRNA pathway by Ovo in animal ovarian germ cells. *Genes & development*, 39(3-4), 221.

Alizada A, et al. (2025) The transcription factor Traffic jam orchestrates the somatic piRNA pathway in Drosophila ovaries. *Cell reports*, 44(4), 115453.

Cai H, et al. (2025) Lactate activates trained immunity by fueling the tricarboxylic acid cycle and regulating histone lactylation. *Nature communications*, 16(1), 3230.

van Lopik J, et al. (2023) Unistrand piRNA clusters are an evolutionarily conserved mechanism to suppress endogenous retroviruses across the Drosophila genus. *Nature communications*, 14(1), 7337.

Zhao Z, et al. (2023) An integrative single-cell multi-omics profiling of human pancreatic islets identifies T1D associated genes and regulatory signals. *Research square*.

Xu J, et al. (2023) Myofiber Baf60c controls muscle regeneration by modulating Dkk3-mediated paracrine signaling. *The Journal of experimental medicine*, 220(9).

Pruvost M, et al. (2023) The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina. *Cell reports*, 42(8), 112848.