

# Resource Summary Report

Generated by ASWG on Aug 26, 2026

## MUON

RRID:SCR\_022804

Type: Tool

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### Proper Citation

MUON (RRID:SCR\_022804)

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### Resource Information

**URL:** <https://gtca.github.io/muon/>

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**Description:** Software Python framework designed to work with multimodal omics data. Aims to provide convenience and speed to its users enabling standardised analysis while staying flexible and expandable. Muon stands on shoulders of and integrates with annotated data object specification and scanpy library for single cell analysis in Python.

**Synonyms:** multimodal omics Python framework

**Resource Type:** data analysis software, data processing software, software application, software resource

**Keywords:** Multimodal omics data, standardised analysis, annotated data object specification, scanpy, single cell analysis, Python

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

**Resource Name:** MUON

**Resource ID:** SCR\_022804

**Alternate URLs:** <https://github.com/scverse/muon>

**License:** BSD 3-Clause "New" or "Revised" License

**Record Creation Time:** 20220929T050157+0000

**Record Last Update:** 20260821T194240+0000

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### Ratings and Alerts

No rating or validation information has been found for MUON.

No alerts have been found for MUON.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Du Z, et al. (2026) SMART: spatial multi-omic aggregation using graph neural networks and metric learning. Nature communications, 17(1).

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. EBioMedicine, 122, 106036.

Bashore AC, et al. (2025) Single-Cell Multimodal Profiling Reveals a Novel CD26+ Fibroblast Subpopulation in Atherosclerosis. bioRxiv : the preprint server for biology.

Gem??nd I, et al. (2025) Characterization of human CMV-specific CD8+ T cells using multi-layer single-cell omics. Cell reports methods, 5(7), 101085.

Chiou KL, et al. (2023) A single-cell multi-omic atlas spanning the adult rhesus macaque brain. Science advances, 9(41), eadh1914.