

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 12, 2026

## CiteFuse

RRID:SCR\_019321

Type: Tool

### Proper Citation

CiteFuse (RRID:SCR\_019321)

### Resource Information

**URL:** <https://sydneybioX.github.io/CiteFuse/>

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**Description:** Software R package consisting of suite of tools for doublet detection, modality integration, clustering, differential RNA and protein expression analysis, antibody-derived tag evaluation, ligand-receptor interaction analysis and interactive web-based visualization of CITE-seq data.

**Synonyms:** Cellular Indexing of Transcriptomes and Epitopes Fuse, Cellular indexing of transcriptomes and epitopes Fuse

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

**Defining Citation:** [PMID:32353146](#)

**Keywords:** Data pre processing, modality integration, clustering, differential RNA, ADT, expression analysis, ADT evaluation, ligand receptor interaction analysis, CITE-seq data, cellular indexing of transcriptomes and epitopes by sequencing, bio.tools

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

**Resource Name:** CiteFuse

**Resource ID:** SCR\_019321

**Alternate IDs:** biotools:citefuse

**Alternate URLs:** <https://bioconductor.org/packages/CiteFuse/>, <https://github.com/SydneyBioX/CiteFuse/>, <http://shiny.maths.usyd.edu.au/CiteFuse/>, <https://bio.tools/CiteFuse>

**License:** GPL-3

**Record Creation Time:** 20220129T080344+0000

**Record Last Update:** 20260912T195912+0000

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## Ratings and Alerts

No rating or validation information has been found for CiteFuse.

No alerts have been found for CiteFuse.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Chen M, et al. (2025) SMOPCA: spatially aware dimension reduction integrating multi-omics improves the efficiency of spatial domain detection. Genome biology, 26(1), 135.

Lin X, et al. (2022) Clustering of single-cell multi-omics data with a multimodal deep learning method. Nature communications, 13(1), 7705.

Foltz JA, et al. (2021) Phase I Trial of N-803, an IL15 Receptor Agonist, with Rituximab in Patients with Indolent Non-Hodgkin Lymphoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 27(12), 3339.