

Resource Summary Report

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CITE-seq-Count

RRID:SCR_019239

Type: Tool

Proper Citation

CITE-seq-Count (RRID:SCR_019239)

Resource Information

URL: <https://hoohm.github.io/CITE-seq-Count/>

Proper Citation: CITE-seq-Count (RRID:SCR_019239)

Description: Software python package that allows to count antibody TAGS from CITE-seq and/or cell hashing experiment. Software tool that allows to get UMI counts from single cell protein assay. Used to count (UMI counts) antibody-derived-tags (ADTs) or Cell Hashing tags (HTOs) in raw sequencing reads and build count matrix.

Synonyms: CITE-seq-Count v1.4.0, Cellular Indexing of Transcriptomes and Epitopes by Sequencing Count

Resource Type: software toolkit, software resource

Keywords: antibody TAGS count, CITE-seq, cell hashing experiment, antibody derived tags, cell hashing tags, raw sequencing reads, build count matrix, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: CITE-seq-Count

Resource ID: SCR_019239

Alternate IDs: biotools:https:cite-seq-count

Alternate URLs: <https://cite-seq.com/computational-tools/>, <https://bio.tools/cite-seq-count>

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260729T044504+0000

Ratings and Alerts

No rating or validation information has been found for CITE-seq-Count.

No alerts have been found for CITE-seq-Count.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Truchi M, et al. (2025) Aging affects reprogramming of pulmonary capillary endothelial cells after lung injury in male mice. *Nature communications*, 16(1), 7234.

Palii CG, et al. (2025) Trimodal Single-Cell Gene Regulatory Networks Reveal Principles of Stemness Loss and Cell Fate Acquisition in Human Hematopoiesis. *bioRxiv : the preprint server for biology*.

Bennabi I, et al. (2025) Size-dependent temporal decoupling of morphogenesis and transcriptional programs in pseudoembryos. *Science advances*, 11(34), eadv7790.

Rodrigues KA, et al. (2025) Vaccines combining slow release and follicle targeting of antigens increase germinal center B cell diversity and clonal expansion. *Science translational medicine*, 17(803), eadw7499.

Salehi S, et al. (2025) Disrupted priming within draining lymph nodes drives immune quiescence in gastric cancer. *bioRxiv : the preprint server for biology*.

Nguyen AA, et al. (2025) Sequential Lymphotoxin Beta Receptor and Retinoic Acid Receptor signals regulate cDC2 fates. *Research square*.

Pisu D, et al. (2025) Spatially-distinct programming of macrophage diversity within the granulomas of *Mycobacterium tuberculosis* infected nonhuman primates. *bioRxiv : the preprint server for biology*.

Muñoz Sandoval D, et al. (2025) *Plasmodium falciparum* infection induces T cell tolerance that is associated with decreased disease severity upon re-infection. *The Journal of experimental medicine*, 222(7).

Kim J, et al. (2025) Functional maturation of preterm intestinal epithelium through CFTR activation. *Communications biology*, 8(1), 540.

Hu W, et al. (2025) Temporal and Context-Dependent Requirements for the Transcription Factor Foxp3 Expression in Regulatory T Cells. *Research square*.

Zheng MZM, et al. (2025) Deconvoluting TCR-dependent and -independent activation is vital for reliable Ag-specific CD4⁺ T cell characterization by AIM assay. *Science advances*,

11(17), eadv3491.

Nyirenda J, et al. (2024) Spatially resolved single-cell atlas unveils a distinct cellular signature of fatal lung COVID-19 in a Malawian population. *Nature medicine*, 30(12), 3765.

Truchi M, et al. (2024) Detecting subtle transcriptomic perturbations induced by lncRNAs knock-down in single-cell CRISPRi screening using a new sparse supervised autoencoder neural network. *Frontiers in bioinformatics*, 4, 1340339.

Morgan DM, et al. (2024) Full-length single-cell BCR sequencing paired with RNA sequencing reveals convergent responses to pneumococcal vaccination. *Communications biology*, 7(1), 1208.

Karnaukhov VK, et al. (2024) Innate-like T cell subset commitment in the murine thymus is independent of TCR characteristics and occurs during proliferation. *Proceedings of the National Academy of Sciences of the United States of America*, 121(14), e2311348121.

Pisu D, et al. (2024) The frequency of CD38⁺ alveolar macrophages correlates with early control of *M. tuberculosis* in the murine lung. *Nature communications*, 15(1), 8522.

Russell D, et al. (2024) CD38⁺ Alveolar macrophages mediate early control of *M. tuberculosis* proliferation in the lung. *Research square*.

Lucibello F, et al. (2024) Divergent local and systemic antitumor response in primary uveal melanomas. *The Journal of experimental medicine*, 221(6).

Rodrigues KA, et al. (2024) Vaccines combining slow delivery and follicle targeting of antigens increase germinal center B cell clonal diversity and clonal expansion. *bioRxiv* : the preprint server for biology.

Zenk F, et al. (2024) Single-cell epigenomic reconstruction of developmental trajectories from pluripotency in human neural organoid systems. *Nature neuroscience*, 27(7), 1376.