

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[tenx](#)

RRID:SCR_016957

Type: Tool

Proper Citation

tenx (RRID:SCR_016957)

Resource Information

URL: <https://github.com/sansomlab/tenx>

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Description: Pipeline for the analysis of 10x single cell RNA sequencing data. Collection of python3 pipelines and Rscripts to analyze data generated with the 10x Genomics platform. The pipelines are based on 10x's Cell Ranger pipeline for mapping and quantitation and the R Seurat package for downstream analysis.

Resource Type: analysis service resource, data analysis service, production service resource, service resource, software resource, software toolkit

Keywords: analysis, 10x, single, cell, RNA, sequencing, data, genomic, platform, mapping, quantitation

Availability: Free, Available for download, Freely available

Resource Name: tenx

Resource ID: SCR_016957

License: MIT License

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260829T182743+0000

Ratings and Alerts

No rating or validation information has been found for tenx.

No alerts have been found for tenx.

Data and Source Information

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Nelson MC, et al. (2026) MicroRNA-146a Protects against Hepatocellular Carcinoma through Suppression of CCL5. *Cancer research communications*, 6(2), 359.

Sirc N, et al. (2026) Functionally Characterizing the Renal Cell Carcinoma Tumor-Immune Microenvironment via Patient-Derived Ex Vivo Models. *Cancer research communications*, 6(2), 402.

Kak G, et al. (2025) CD4+ T cell-innate immune crosstalk is critical during Staphylococcus aureus craniotomy infection. *JCI insight*, 10(4).

Dib L, et al. (2023) Lipid-associated macrophages transition to an inflammatory state in human atherosclerosis increasing the risk of cerebrovascular complications. *Nature cardiovascular research*, 2(7), 656.

Costa-da-Silva AC, et al. (2022) Salivary ZG16B expression loss follows exocrine gland dysfunction related to oral chronic graft-versus-host disease. *iScience*, 25(1), 103592.

, et al. (2022) A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. *Cell*, 185(5), 916.

MacLean AJ, et al. (2022) Secondary influenza challenge triggers resident memory B cell migration and rapid relocation to boost antibody secretion at infected sites. *Immunity*, 55(4), 718.

Mahmud N, et al. (2022) Nail-associated mesenchymal cells contribute to and are essential for dorsal digit tip regeneration. *Cell reports*, 41(12), 111853.

Storer MA, et al. (2020) Acquisition of a Unique Mesenchymal Precursor-like Blastema State Underlies Successful Adult Mammalian Digit Tip Regeneration. *Developmental cell*, 52(4), 509.

Cosacak MI, et al. (2020) Protocol for Dissection and Dissociation of Zebrafish Telencephalon for Single-Cell Sequencing. *STAR protocols*, 1(1), 100042.

Borrett MJ, et al. (2020) Single-Cell Profiling Shows Murine Forebrain Neural Stem Cells Reacquire a Developmental State when Activated for Adult Neurogenesis. *Cell reports*, 32(6), 108022.

Schulthess J, et al. (2019) The Short Chain Fatty Acid Butyrate Imprints an Antimicrobial Program in Macrophages. *Immunity*, 50(2), 432.

Cosacak MI, et al. (2019) Single-Cell Transcriptomics Analyses of Neural Stem Cell Heterogeneity and Contextual Plasticity in a Zebrafish Brain Model of Amyloid Toxicity. *Cell reports*, 27(4), 1307.