

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

SoupX

RRID:SCR_019193

Type: Tool

Proper Citation

SoupX (RRID:SCR_019193)

Resource Information

URL: <https://github.com/constantAmateur/SoupX>

Proper Citation: SoupX (RRID:SCR_019193)

Description: Software R package for estimation and removal of cell free mRNA contamination in droplet based single cell RNA-seq data.

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

Keywords: Estimation, removal, cell free mRNA contamination, droplet based, single cell RNA-seq data, RNA-seq data, data, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: SoupX

Resource ID: SCR_019193

Alternate IDs: biotools:soupx

Alternate URLs: <https://bio.tools/soupx>

License: GNU GPL v 3

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260731T043033+0000

Ratings and Alerts

No rating or validation information has been found for SoupX.

No alerts have been found for SoupX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 77 mentions in open access literature.

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

Galvani RGA, et al. (2026) Single-cell landscape of peripheral and tumor-infiltrating immune cells in HPV-negative HNSCC. *Oncoimmunology*, 15(1), 2605741.

Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.

Cumming J, et al. (2025) Dissecting FAP+ Cell Diversity in Pancreatic Cancer Uncovers an Interferon-Response Subtype of Cancer-Associated Fibroblasts with Tumor-Restraining Properties. *Cancer research*, 85(13), 2388.

Galvani RGA, et al. (2025) The Single-Cell Landscape of Peripheral and Tumor-infiltrating Immune Cells in HPV- HNSCC. *bioRxiv : the preprint server for biology*.

Zhao Y, et al. (2025) Multi-omics insights into the metabolic reprogramming of host cells triggered by *Entamoeba histolytica* Gal/GalNAc lectin intermediate subunit. *Microbiology spectrum*, 13(10), e0038125.

Ueda C, et al. (2025) Endothelial activating transcription factor 3 promotes angiogenesis and vascular repair in the mouse retina. *iScience*, 28(1), 111516.

You T, et al. (2025) Role of progesterone action in inguinal hernia formation via skeletal muscle fibrosis and atrophy. *JCI insight*, 10(14).

Arya A, et al. (2025) Navigating single-cell RNA-sequencing: protocols, tools, databases, and applications. *Genomics & informatics*, 23(1), 13.

Ali SA, et al. (2025) Single Cell Transcriptomic Profiling of MYBPC3-Associated Hypertrophic Cardiomyopathy Across Species Reveals Conservation of Biological Process But Not Gene Expression. *Journal of the American Heart Association*, 14(1), e035780.

Jacobs BM, et al. (2025) Single-cell analysis of cerebrospinal fluid reveals common features of neuroinflammation. *Cell reports. Medicine*, 6(1), 101733.

Tian Y, et al. (2025) Revealing the Transcriptional and Metabolic Characteristics of Sebocytes Based on the Donkey Cell Transcriptome Atlas. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(16), e2413819.

Kallio P, et al. (2025) A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges during Intestinal Tumorigenesis and Mediates Radioresistance in Colorectal Cancer. *Cancer research*, 85(23), 4616.

Chen Q, et al. (2025) Commitment of adipose-resident c-kit⁺ progenitors to brown adipocytes contributes to adipose tissue homeostasis and remodeling. *Nature communications*, 16(1), 5883.

Marella S, et al. (2025) A Transcriptomic Atlas of Healthy Human Skin Links Regional Identity to Inflammatory Disease. *bioRxiv : the preprint server for biology*.

Zhang S, et al. (2025) Immunosequencing identifies signatures of T cell responses for early detection of nasopharyngeal carcinoma. *Cancer cell*, 43(8), 1423.

Aisenberg WH, et al. (2025) Direct microglia replacement reveals pathologic and therapeutic contributions of brain macrophages to a monogenic neurological disease. *Immunity*, 58(5), 1254.

Greene M, et al. (2025) A developmental program of early residency promotes the differentiation of divergent uterine NK cell subsets in humans. *bioRxiv : the preprint server for biology*.

Ver Heul AM, et al. (2025) RAG suppresses group 2 innate lymphoid cells. *eLife*, 13.

Shree T, et al. (2025) A Phase I Clinical Trial Adding OX40 Agonism to In Situ Therapeutic Cancer Vaccination in Patients with Low-Grade B-cell Lymphoma Highlights Challenges in Translation from Mouse to Human Studies. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 868.

Allen AM, et al. (2025) A high-resolution atlas of the brain predicts lineage and birth order underlying neuronal identity. *Cell genomics*, 101103.