

Resource Summary Report

Generated by [ASWG](#) on Aug 26, 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 analysis software, data processing software, software application, software resource, software toolkit

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: 20260821T194157+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 87 mentions in open access literature.

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

Bidarimath M, et al. (2026) Keratin 5 marks cancer-propagating cells sustained by an osteopontin-producing niche in high-grade serous ovarian carcinoma. bioRxiv : the preprint server for biology.

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

Bidarimath M, et al. (2026) Keratin 5 marks cancer-propagating cells sustained by an osteopontin-producing niche in high-grade serous ovarian carcinoma. Cancer heterogeneity and plasticity, 3(2).

Kardian AS, et al. (2026) Dominant clones leverage developmental epigenomic states to drive ependymoma. Nature, 652(8111), 1027.

Tian B, et al. (2026) Bioengineered anti-EpCAM-guided exosome nanocarriers delivering Foxp3 agonist butyrate achieve tissue-specific immunomodulation in autoimmune Sjögren's syndrome. Journal of nanobiotechnology, 24(1).

Anilkumar Sithara A, et al. (2026) Composition and Functional State of T and NK Cells in the Extramedullary Myeloma Tumor Microenvironment. Blood cancer discovery, 7(2), 250.

Ralston CQ, et al. (2026) Comparative single-cell atlases reveal injury-driven tubal epithelial regeneration as a window for ovarian carcinoma initiation. bioRxiv : the preprint server for biology.

Lee J, et al. (2026) Robust effector memory features of human T-bethi B cells induced by repeated mRNA vaccination. iScience, 29(2), 114804.

Roger E, et al. (2026) ATM Deficiency Induces TGF β -Mediated Stromal Programming in Pancreatic Cancer. Cancer research, 86(14), 3412.

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

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.

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.

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

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

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

Doglioni G, et al. (2025) Aspartate signalling drives lung metastasis via alternative translation. *Nature*, 638(8049), 244.

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

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.

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.