Resource Summary Report

Generated by NIF on Aug 4, 2026

Scrublet

RRID:SCR_018098
Type: Tool

Proper Citation

Scrublet (RRID:SCR_018098)

Resource Information

URL: https://github.com/AllonKleinLab/scrublet

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Description: Software tool to detect doublets in single-cell RNA-seq data. Software algorithm to remove doublets. Python code for identifying doublets in single-cell RNA-seq data. Framework for predicting impact of multiplets in given analysis and identifying problematic multiplets.

Abbreviations: Scrublet

Synonyms: Single Cell Remover of Doublets

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

Defining Citation: PMID:30954476

Keywords: Detect doublet, single cell RNAseq data, remove doublet, problematic multiplet, predict multiplet impact

Availability: Free, Available for download, Freely available

Resource Name: Scrublet

Resource ID: SCR_018098

License: MIT License

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260804T043712+0000

Ratings and Alerts

No rating or validation information has been found for Scrublet.

No alerts have been found for Scrublet.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 72 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Lim SH, et al. (2025) Determinants of Response to Sequential Pembrolizumab with Trastuzumab plus Platinum/5-FU in HER2-Positive Gastric Cancer: A Phase II Chemoimmunotherapy Trial. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(8), 1476.

Mostajo-Radji MA, et al. (2025) Fate plasticity of interneuron specification. iScience, 28(4), 112295.

Marzano P, et al. (2025) Tissue-Specific Immunosuppressive and Proliferating Macrophages Fuel Early Metastatic Progression of Human Colorectal Cancer to the Liver. Cancer immunology research, 13(11), 1783.

Yang W, et al. (2025) Single-cell, multi-region profiling of the macaque brain across the lifespan. 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.

Ma T, et al. (2025) Pan-Cancer Analyses Refine the Single-Cell Portrait of Tumor-Infiltrating Dendritic Cells. Cancer research, 85(19), 3596.

Berg K, et al. (2025) Endocardial primary cilia and blood flow regulate EndoMT during endocardial cushion development. Nature cardiovascular research, 4(9), 1114.

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. EBioMedicine, 122, 106036.

Song Z, et al. (2025) Mega-scale single-cell profiling reveals novel biomarkers associated with acute GvHD after allogeneic hematopoietic stem cell transplantation. Biomarker research, 13(1), 155.

Matatall KA, et al. (2025) TET2-mutant myeloid cells mitigate Alzheimer's disease progression via CNS infiltration and enhanced phagocytosis in mice. Cell stem cell, 32(8), 1285.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. Immunity, 58(1), 197.

Schrank BR, et al. (2025) An antibody-toxin conjugate targeting CD47 linked to the bacterial toxin listeriolysin O for cancer immunotherapy. Nature cancer, 6(3), 511.

Liu F, et al. (2025) TAF1 is required for fetal but not adult hematopoiesis in mice. Developmental cell.

Khadim A, et al. (2025) Myofibroblasts emerge during alveolar regeneration following influenza-virus-induced lung injury. Cell reports, 44(2), 115248.

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.

Youlten SE, et al. (2025) In vivo differentiation of embryonic cells devoid of key reprogramming factors. Cell reports, 44(11), 116498.

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

Chandramohan D, et al. (2025) Dual role of Oct4 and Sox2 in controlling the developmental capacity and timing of tissue morphogenesis in the embryonic lineage. Developmental cell.

Iglesia MD, et al. (2024) Differential chromatin accessibility and transcriptional dynamics define breast cancer subtypes and their lineages. Nature cancer, 5(11), 1713.

Scatolin GN, et al. (2024) Single-cell transcriptional landscapes of bovine peri-implantation development. iScience, 27(4), 109605.