

Resource Summary Report

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scCustomize

RRID:SCR_024675

Type: Tool

Proper Citation

scCustomize (RRID:SCR_024675)

Resource Information

URL: <https://samuel-marsh.github.io/scCustomize/>

Proper Citation: scCustomize (RRID:SCR_024675)

Description: Software R package for custom visualizations and functions for streamlined analyses of single cell sequencing.

Resource Type: software resource, software toolkit

Keywords: custom visualizations, single cell sequencing, single cell sequencing analysis,

Availability: Free, Available for download, Freely available

Resource Name: scCustomize

Resource ID: SCR_024675

Alternate URLs: <https://CRAN.R-project.org/package=scCustomize>,
<https://github.com/samuel-marsh/scCustomize>, <https://doi.org/10.5281/zenodo.5706430>

License: GNU GPL v3.0

Record Creation Time: 20231107T050233+0000

Record Last Update: 20260821T194259+0000

Ratings and Alerts

No rating or validation information has been found for scCustomize.

No alerts have been found for scCustomize.

Data and Source Information

Usage and Citation Metrics

We found 100 mentions in open access literature.

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

Murrey MW, et al. (2026) The myeloid SRC family kinase HCK regulates breast cancer growth by activating tumor-associated macrophage-led invasion and inhibiting cytotoxic T cell activity. *Frontiers in immunology*, 17, 1709102.

Shi H, et al. (2026) Chemotherapy-induced reactive myelopoiesis promotes expansion of immunosuppressive neutrophil-like monocytes in mice and humans. *JCI insight*, 11(10).

Gao Y, et al. (2026) Altered Inflammatory Signature in a C9ORF72 -ALS iPSC-Derived Motor Neuron and Microglia Coculture Model. *Glia*, 74(1), e70084.

Huang Y, et al. (2026) MerTK-triggered TGF β 1 autocrine signal regulates microglial response to neurodegeneration. *Nature communications*, 17(1).

Sun X, et al. (2026) sc-rDSeq: a robust and cost-effective full-length total RNA sequencing method for single cells reveals multilayered heterogeneity in drug-resistant lung cancer cells. *Nucleic acids research*, 54(7).

Shen K, et al. (2026) Spatial perturb-seq: single-cell functional genomics within intact tissue architecture. *Nature communications*, 17(1).

Chen S, et al. (2026) Integrating multi-omics and machine learning to unravel mechanisms of lymph node metastasis in papillary carcinoma with and without thyroiditis. *Frontiers in immunology*, 17, 1708330.

Bui TM, et al. (2026) Identification of cycling regulatory T cell precursors as conductors of immune escape during breast carcinoma progression. *Cancer cell*, 44(6), 1179.

Kastinen M, et al. (2026) Unraveling the Effects and Characteristics of Proliferating Tumor and Cytotoxic T Cells in Colorectal Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(2), 350.

McGregor C, et al. (2026) Spatial fibroblast niches define Crohn's fistulae. *Nature*, 649(8097), 703.

Marchalot A, et al. (2026) Tumor-infiltrating immature innate lymphoid cells in colorectal cancer are biased toward ILC1/tissue-resident NK cell differentiation. *Nature communications*, 17(1).

Meloun A, et al. (2026) Atypical pericapillary Ly6G⁺Nur77⁺ macrophages initiate type-2 immune responses to allergens in the mouse lung. *Nature communications*, 17(1).

DePuyt AE, et al. (2026) Type 1-polarized DC immunotherapeutic contains heterogeneous populations with IL-12p70 production restricted to a rare subset. *bioRxiv : the preprint*

server for biology.

Desruelle O, et al. (2026) Compartmentalized VEGF receptor expression in hypothalamic tanocytes reveals a novel non-endothelial axis of VEGF signaling : Tanocytes as a novel non-endothelial target of VEGF signaling. *Fluids and barriers of the CNS*, 23(1).

Xu Y, et al. (2026) LncRNA NEAT1 promotes immunosuppression in gastric cancer under endoplasmic reticulum stress by maintaining the M6A methylation of SEMA3A in CAFs. *Molecular cancer*, 25(1).

Huang Q, et al. (2026) The GFI1-FOXO1 axis regulates NK cell maturation and function. *Nature communications*, 17(1).

Dragunas G, et al. (2026) A beneficial environment promotes immune resilience through epigenetic regulation. *Science advances*, 12(9), eady7317.

Miyamoto T, et al. (2026) Chemotherapy induces an IL1 β -dependent neutrophil recruitment and activation that promote chemoresistance in metastatic ovarian cancer. *Journal for immunotherapy of cancer*, 14(6).

Wang J, et al. (2026) Single-cell and machine learning-integrated bulk RNA-seq analysis reveals TKT as an oxidative stress-associated diagnostic biomarker in acute myocardial infarction. *Human genomics*, 20(1).

Jang DH, et al. (2026) Transcriptional Profiling at Single-Cell Resolution Reveals Diversity and Regulatory Networks of Primary and Secondary Senescent Cells. *Aging cell*, 25(5), e70540.