

# 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:** 20260904T000131+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 [NIF](#) .

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 $\beta$ 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.

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

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).

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 $\beta$ -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.