

# Resource Summary Report

Generated by [RRID](#) on Sep 19, 2026

## Souporcell

RRID:SCR\_027462

Type: Tool

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### Proper Citation

Souporcell (RRID:SCR\_027462)

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### Resource Information

**URL:** <https://github.com/wheaton5/souporcell>

**Proper Citation:** Souporcell (RRID:SCR\_027462)

**Description:** Software tool to cluster cells using the genetic variants detected within the scRNAseq reads. Robust clustering of single-cell RNA-seq data by genotype without reference genotypes. Used for clustering scRNAseq by genotypes.

**Resource Type:** software application, software resource, source code

**Defining Citation:** [PMID:32366989](#)

**Keywords:** Clustering scRNAseq by genotypes, cluster cells, genetic variants, scRNAseq reads,

**Funding:** British Heart Foundation ;  
UK Medical Research Council ;  
Wellcome Trust

**Availability:** Free, Available for download, Freely available

**Resource Name:** Souporcell

**Resource ID:** SCR\_027462

**License:** MIT license

**Record Creation Time:** 20250926T061848+0000

**Record Last Update:** 20260919T200111+0000

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### Ratings and Alerts

No rating or validation information has been found for Souporcell.

No alerts have been found for Souporcell.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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

Randolph HE, et al. (2026) Widespread gene-environment interactions shape the immune response to SARS-CoV-2 infection in hospitalized COVID-19 patients. *Nature communications*, 17(1).

Ferrena A, et al. (2026) Single-Cell RNA Analysis of Murine Osteosarcoma Uncovers Skp2 Function in Metastasis, Genomic Instability, and Immune Activation and Reveals Additional Target Pathways. *Cancer research communications*, 6(4), 923.

Weerakoon M, et al. (2026) Souporcell3: robust demultiplexing for high-donor single-cell RNA-seq datasets. *Bioinformatics (Oxford, England)*, 42(3).

Stevens HP, et al. (2026) Architectural fragility of gene regulatory networks underlies hematopoietic stem cell aging. *bioRxiv : the preprint server for biology*.

Apostolov E, et al. (2026) Single-Cell and Spatial Transcriptomic Profiling Reveals Epithelial Functional States and Fibroblast Phenotypes in Hormone Therapy-Na??ve Localized Prostate Cancer. *Cancer research*, 86(8), 1836.

Katko A, et al. (2026) Gene regulatory network determinants of rapid recall in human memory CD4+ T cells. *Cell reports*, 45(4), 117103.

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