

# Resource Summary Report

Generated by [RRID](#) on Apr 8, 2025

## Rphenograph

RRID:SCR\_022603

Type: Tool

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### Proper Citation

Rphenograph (RRID:SCR\_022603)

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### Resource Information

**URL:** <https://github.com/JinmiaoChenLab/Rphenograph>

**Proper Citation:** Rphenograph (RRID:SCR\_022603)

**Description:** Software R tool as simple R implementation of PhenoGraph algorithm, which is clustering method designed for high dimensional single cell data analysis.

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

**Keywords:** R, high dimensional single cell data analysis, clustering method

**Funding:**

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

**Resource Name:** Rphenograph

**Resource ID:** SCR\_022603

**Record Creation Time:** 20220730T050156+0000

**Record Last Update:** 20250407T220701+0000

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### Ratings and Alerts

No rating or validation information has been found for Rphenograph.

No alerts have been found for Rphenograph.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Hermelo I, et al. (2025) Unsupervised clustering reveals noncanonical myeloid cell subsets in the brain tumor microenvironment. *Cancer immunology, immunotherapy* : CII, 74(2), 63.

Lum FM, et al. (2024) Crosstalk between CD64+MHCII+ macrophages and CD4+ T cells drives joint pathology during chikungunya. *EMBO molecular medicine*, 16(3), 641.

Kvedaraite E, et al. (2024) Intestinal stroma guides monocyte differentiation to macrophages through GM-CSF. *Nature communications*, 15(1), 1752.

Lakatos E, et al. (2024) Epigenome and early selection determine the tumour-immune evolutionary trajectory of colorectal cancer. *bioRxiv : the preprint server for biology*.

Chang H, et al. (2024) Immune Modulation with RANKL Blockade through Denosumab Treatment in Patients with Cancer. *Cancer immunology research*, 12(4), 453.

Krull JE, et al. (2024) Follicular lymphoma B cells exhibit heterogeneous transcriptional states with associated somatic alterations and tumor microenvironments. *Cell reports. Medicine*, 5(3), 101443.

Guo M, et al. (2023) Molecular, metabolic, and functional CD4 T cell paralysis in the lymph node impedes tumor control. *Cell reports*, 42(9), 113047.

Mi H, et al. (2023) Spatial and Compositional Biomarkers in Tumor Microenvironment Predicts Clinical Outcomes in Triple-Negative Breast Cancer. *bioRxiv : the preprint server for biology*.

Einhaus J, et al. (2023) Spatial subsetting enables integrative modeling of oral squamous cell carcinoma multiplex imaging data. *iScience*, 26(12), 108486.

Lien HE, et al. (2023) Single-cell profiling of low-stage endometrial cancers identifies low epithelial vimentin expression as a marker of recurrent disease. *EBioMedicine*, 92, 104595.

Weeratunga P, et al. (2023) Single cell spatial analysis reveals inflammatory foci of immature neutrophil and CD8 T cells in COVID-19 lungs. *Nature communications*, 14(1), 7216.

Crescioli S, et al. (2023) B cell profiles, antibody repertoire and reactivity reveal dysregulated responses with autoimmune features in melanoma. *Nature communications*, 14(1), 3378.

Nawrocki ST, et al. (2023) Comprehensive Single-Cell Immune Profiling Defines the Patient Multiple Myeloma Microenvironment Following Oncolytic Virus Therapy in a Phase Ib Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(24), 5087.

Zhu Y, et al. (2023) Opioid-induced fragile-like regulatory T cells contribute to withdrawal. *Cell*, 186(3), 591.

Basar R, et al. (2021) Generation of glucocorticoid-resistant SARS-CoV-2 T cells for adoptive cell therapy. *Cell reports*, 36(3), 109432.

Baars MJD, et al. (2021) MATISSE: a method for improved single cell segmentation in imaging mass cytometry. *BMC biology*, 19(1), 99.

Miles LA, et al. (2020) Single-cell mutation analysis of clonal evolution in myeloid malignancies. *Nature*, 587(7834), 477.

Chan YH, et al. (2020) Longitudinal [18F]FB-IL-2 PET Imaging to Assess the Immunopathogenicity of O'nyong-nyong Virus Infection. *Frontiers in immunology*, 11, 894.