Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

Rphenograph

RRID:SCR_022603
Type: Tool

Proper Citation

Rphenograph (RRID:SCR_022603)

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: data analysis software, software application, data processing software, software resource

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: 20250411T060244+0000

Ratings and Alerts

No rating or validation information has been found for Rphenograph.

No alerts have been found for Rphenograph.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

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.

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.

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.

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.

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.

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.