Resource Summary Report

Generated by dkNET on Apr 24, 2025

flowMeans

RRID:SCR_002275
Type: Tool

Proper Citation

flowMeans (RRID:SCR_002275)

Resource Information

URL: http://www.bioconductor.org/packages/release/bioc/html/flowMeans.html

Proper Citation: flowMeans (RRID:SCR_002275)

Description: Software that identifies cell populations in Flow Cytometry data using non-parametric clustering and segmented-regression-based change point detection.

Synonyms: flowMeans: Non-parametric Flow Cytometry Data Gating, flowMeans - Non-parametric Flow Cytometry Data Gating

Resource Type: software resource

Defining Citation: PMID:21182178

Keywords: software package, mac os x, unix/linux, windows, r, cell biology, clustering, flow cytometry

Funding:

Availability: Artistic License, v2

Resource Name: flowMeans

Resource ID: SCR_002275

Alternate IDs: OMICS_05603

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250420T014057+0000

Ratings and Alerts

No rating or validation information has been found for flowMeans.

No alerts have been found for flowMeans.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Mow RJ, et al. (2024) Harnessing a Safe Novel Lipid Nanoparticle: Targeted Oral Delivery to Colonic Epithelial and Macrophage Cells in a Colitis Mouse Model. Nanomaterials (Basel, Switzerland), 14(22).

Del Barrio E, et al. (2020) optimalFlow: optimal transport approach to flow cytometry gating and population matching. BMC bioinformatics, 21(1), 479.

Liu X, et al. (2019) A comparison framework and guideline of clustering methods for mass cytometry data. Genome biology, 20(1), 297.

Rahim A, et al. (2018) High throughput automated analysis of big flow cytometry data. Methods (San Diego, Calif.), 134-135, 164.

Li YH, et al. (2017) Scalable multi-sample single-cell data analysis by Partition-Assisted Clustering and Multiple Alignments of Networks. PLoS computational biology, 13(12), e1005875.

Chattopadhyay PK, et al. (2012) Cytometry: today's technology and tomorrow's horizons. Methods (San Diego, Calif.), 57(3), 251.