# Resource Summary Report

Generated by dkNET on May 18, 2025

## flowMap

RRID:SCR_002269
Type: Tool

### Proper Citation

flowMap (RRID:SCR_002269)

### Resource Information

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

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**Description:** Software package that quantifies the similarity of cell populations across multiple flow cytometry samples using a nonparametric multivariate statistical test. The algorithm allows the users to specify a reference sample for comparison or to construct a reference sample from the available data. The output of the algorithm is a set of text files where the cell population labels are replaced by a metaset of population labels, generated from the matching process.

**Synonyms:** flowMap - A probabilistic algorithm for matching and comparing multiple flow cytometry samples

**Resource Type:** software resource

**Keywords:** software package, mac os x, unix/linux, windows, r, flow cytometry, multiple comparison

**Funding:**

**Availability:** GNU General Public License, v2 or greater

**Resource Name:** flowMap

**Resource ID:** SCR_002269

**Alternate IDs:** OMICS_05600

**Record Creation Time:** 20220129T080212+0000

**Record Last Update:** 20250420T014057+0000

## Ratings and Alerts

No rating or validation information has been found for flowMap.

No alerts have been found for flowMap.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Irish GL, et al. (2024) International Travel for Organ Transplantation: A Survey of Professional Experiences and Attitudes Toward Data Collection and Reporting. Transplantation direct, 10(7), e1655.

Longbottom J, et al. (2020) Quantifying geographic accessibility to improve efficiency of entomological monitoring. PLoS neglected tropical diseases, 14(3), e0008096.

Kimmey SC, et al. (2019) Parallel analysis of tri-molecular biosynthesis with cell identity and function in single cells. Nature communications, 10(1), 1185.

Hsiao C, et al. (2016) Mapping cell populations in flow cytometry data for cross-sample comparison using the Friedman-Rafsky test statistic as a distance measure. Cytometry. Part A : the journal of the International Society for Analytical Cytology, 89(1), 71.