

# Resource Summary Report

Generated by [dkNET](#) on Apr 24, 2025

## [flowFit](#)

RRID:SCR\_002286

Type: Tool

---

### Proper Citation

flowFit (RRID:SCR\_002286)

---

### Resource Information

**URL:** <http://www.bioconductor.org/packages/release/bioc/html/flowFit.html>

**Proper Citation:** flowFit (RRID:SCR\_002286)

**Description:** A Bioconductor package designed to perform quantitative analysis of cell proliferation in tracking dye-based experiments. The package uses an R implementation of the Levenberg-Marquardt algorithm (minpack.lm) to fit a set of peaks (corresponding to different generations of cells) over the proliferation-tracking dye distribution in a FACS experiment.

**Synonyms:** flowFit - Estimate proliferation in cell-tracking dye studies

**Resource Type:** software resource

**Defining Citation:** [PMID:24681909](#)

**Keywords:** software package, mac os x, unix/linux, windows, r, cell based assay, flow cytometry

**Funding:**

**Availability:** Artistic License, v2

**Resource Name:** flowFit

**Resource ID:** SCR\_002286

**Alternate IDs:** OMICS\_05601

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

**Record Last Update:** 20250420T014058+0000

---

## Ratings and Alerts

No rating or validation information has been found for flowFit.

No alerts have been found for flowFit.

---

## 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](#).

Kim M, et al. (2023) Experimental study on flow and turbulence characteristics of jet impinging on cylinder using three-dimensional Lagrangian particle tracking velocimetry. Scientific reports, 13(1), 10929.

Sie C, et al. (2022) IL-24 intrinsically regulates Th17 cell pathogenicity in mice. The Journal of experimental medicine, 219(8).

Grobben Y, et al. (2020) Targeting Indoleamine 2,3-Dioxygenase in Cancer Models Using the Novel Small Molecule Inhibitor NTRC 3883-0. Frontiers in immunology, 11, 609490.

Shifrut E, et al. (2018) Genome-wide CRISPR Screens in Primary Human T Cells Reveal Key Regulators of Immune Function. Cell, 175(7), 1958.