

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[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>

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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

Availability: Artistic License, v2

Resource Name: flowFit

Resource ID: SCR_002286

Alternate IDs: OMICS_05601

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260829T182116+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 [NIF](#) .

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).

Grobber 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.