

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

[flowCore](#)

RRID:SCR_002205

Type: Tool

Proper Citation

flowCore (RRID:SCR_002205)

Resource Information

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

Proper Citation: flowCore (RRID:SCR_002205)

Description: A Bioconductor software package for high throughput flow cytometry that provides S4 data structures and basic functions.

Synonyms: flowCore: Basic structures for flow cytometry data

Resource Type: software resource

Defining Citation: [PMID:19358741](#)

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

Availability: Artistic License, v2

Resource Name: flowCore

Resource ID: SCR_002205

Alternate IDs: OMICS_05596

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260725T190521+0000

Ratings and Alerts

No rating or validation information has been found for flowCore.

No alerts have been found for flowCore.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 350 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Idorn M, et al. (2026) Role for NF- κ B in herpes encephalitis pathology in mice genocopying an inborn error of IRF3-IFN immunity. *The Journal of experimental medicine*, 223(1).

Srivastava N, et al. (2026) A microenvironment-driven HLA-II-associated insulin neoantigen elicits persistent memory T cell activation in diabetes. *Nature immunology*, 27(1), 82.

Herbrich S, et al. (2026) TET2-mutant clonal hematopoiesis enhances macrophage antigen presentation and improves immune checkpoint therapy in solid tumors. *Cancer cell*, 44(1), 187.

Laplante P, et al. (2025) Effect of MisMatch repair deficiency on metastasis occurrence in a syngeneic mouse model. *Neoplasia (New York, N.Y.)*, 62, 101145.

Semitekolou M, et al. (2025) Blood immunomap for prediction of responses to anti-PD-1 immunotherapy in metastatic non-small cell lung cancer. *iScience*, 28(9), 112804.

Obare LM, et al. (2025) CD3⁺ T-cell: CD14⁺ monocyte complexes are dynamic and increased with HIV and glucose intolerance. *Journal of immunology (Baltimore, Md. : 1950)*, 214(3), 516.

Lisevich I, et al. (2025) Physics of swimming and its fitness cost determine strategies of bacterial investment in flagellar motility. *Nature communications*, 16(1), 1731.

Sorgenfrei M, et al. (2025) Rapid detection and capture of clinical *Escherichia coli* strains mediated by OmpA-targeting nanobodies. *Communications biology*, 8(1), 1047.

Magesh RY, et al. (2025) Aneuploidy generates enhanced nucleotide dependency and sensitivity to metabolic perturbation. *Genes & development*, 39(11-12), 770.

Gao Y, et al. (2025) Identification of soluble biomarkers that associate with distinct manifestations of long COVID. *Nature immunology*, 26(5), 692.

Ma J, et al. (2025) Azenosertib Is a Potent and Selective WEE1 Kinase Inhibitor with Broad Antitumor Activity Across a Range of Solid Tumors. *Molecular cancer therapeutics*, 24(8), 1171.

Karta J, et al. (2025) *Fusobacterium nucleatum* interacts with cancer-associated fibroblasts to promote colorectal cancer. *The EMBO journal*, 44(19), 5375.

Li L, et al. (2025) A primordial germ cell-like-cell platform enables CRISPRi screen for epigenetic fertility modifiers. *EMBO reports*, 26(23), 6044.

Tsuru S, et al. (2025) Congruence between noise and plasticity in protein expression. *Scientific reports*, 15(1), 24529.

Islam S, et al. (2025) Immune cell subsets in autoimmune polyendocrine syndrome type I. *Scientific reports*, 15(1), 28398.

Moleirinho B, et al. (2025) A backbone-based flow cytometry approach to decipher regulatory T cell trajectories in the human thymus. *Frontiers in immunology*, 16, 1553535.

Sabbarini IM, et al. (2025) A ribosome-associating chaperone mediates GTP-driven vectorial folding of nascent eEF1A. *Nature communications*, 16(1), 1277.

Tursi AR, et al. (2025) CytoPheno: Automated descriptive cell type naming in flow and mass cytometry. *bioRxiv : the preprint server for biology*.

Avery RR, et al. (2025) Genotype-by-environment interactions shape ubiquitin-proteasome system activity. *Genetics*, 231(3).

Benoit JM, et al. (2025) No evidence of immune exhaustion after repeated SARS-CoV-2 vaccination in vulnerable and healthy populations. *Nature communications*, 16(1), 5219.