

Resource Summary Report

Generated by [NIF](#) on Aug 9, 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: 20260808T185738+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 376 mentions in open access literature.

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

Ishiguro S, et al. (2026) A multi-kingdom genetic barcoding system for precise clone isolation. *Nature biotechnology*, 44(4), 616.

Song S, et al. (2026) Profiling Allogeneic HLA-specific B-cell Responses Utilizing a 64-plex Single-HLA Reporter Cell Panel. *bioRxiv : the preprint server for biology*.

Tanaka S, et al. (2026) Synovial Fluid Cell Profiling Identifies Distinct Inflammatory Phenotypes in Late-Onset Rheumatoid Arthritis and Polymyalgia Rheumatica. *ACR open rheumatology*, 8(7), e90086.

You W, et al. (2026) Reinvigorating COTL1high NK cells via GITR signalling overcomes immune checkpoint blockade resistance in tsMHC-I-impaired tumours. *Nature cell biology*, 28(5), 957.

Rodriguez Gama A, et al. (2026) Adaptor protein supersaturation drives innate immune signaling and cell fate. *eLife*, 14.

Dwyer LR, et al. (2026) CD38 expression by neonatal human naive CD4+ T cells shapes their distinct metabolic and tolerogenic properties. *The Journal of clinical investigation*, 136(8).

Delatte L, et al. (2026) How nitrogen and phosphorus stoichiometry drive the physiology and photosynthesis of *Scrippsiella acuminata* (Dinophyceae). *Journal of phycology*, 62(1), 96.

Mensah NE, et al. (2026) Single-cell transcriptomics identifies regulatory T cell heterogeneity in gestational diabetes mellitus. *Communications medicine*, 6(1).

Anders A, et al. (2026) Cell-internal autocrine receptor inactivation supports maintenance of mating-type identity in yeast. *Science advances*, 12(17), eaeb1729.

Bakos G, et al. (2026) EpCAM-PSMA: Potential predictors of treatment outcomes for PSMA-targeted alpha therapies in metastatic castration-resistant prostate cancer. *Molecular therapy. Oncology*, 34(1), 201143.

Peters LD, et al. (2026) Aberrant immune regulation and enrichment of stem-like CD8+ T cells in the pancreatic lymph node during type 1 diabetes development. *bioRxiv : the preprint server for biology*.

Hintze J, et al. (2026) The ligand preference of LRP1 is regulated by O-glycans. *Science advances*, 12(23), eadx9875.

Cascino KE, et al. (2026) HIV causes global B cell dysregulation and restricts HBV-specific B cell development in an incident HBV cohort. *The Journal of clinical investigation*, 136(11).

Rigutto A, et al. (2026) Multiplexed single-cell and spatial profiling reveal B cells and tertiary lymphoid structures as prognostic indicators in pleural mesothelioma. *British journal of cancer*, 135(2), 214.

Faber A, et al. (2026) Mitigating protocatechuic acid toxicity in *Vibrio natriegens* enables poly-3-hydroxybutyrate production from an aromatic carbon source. *Applied microbiology and biotechnology*, 110(1).

Struyf N, et al. (2026) Midostaurin response in AML is shaped by a progenitor-like cell state selectively targeted by SMAC mimetics. *NPJ precision oncology*, 10(1).

Downing BLR, et al. (2026) CONSERVATION AND DIVERGENCE WITHIN THE ARABIDOPSIS TPL/TPR COREPRESSOR FAMILY. *bioRxiv : the preprint server for biology*.

Zhang P, et al. (2026) Peripheral CD4⁺ naïve T cell remodeling and MMP1-associated inflammatory signatures in acute gouty arthritis. *Frontiers in immunology*, 17, 1828679.

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.

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).