

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 14, 2026

## CytoML

RRID:SCR\_027485

Type: Tool

### Proper Citation

CytoML (RRID:SCR\_027485)

### Resource Information

**URL:** <https://github.com/RGLab/CytoML>

**Proper Citation:** CytoML (RRID:SCR\_027485)

**Description:** Software R package that enables cross-platform import, export, and sharing of gated cytometry data. It currently supports Cytobank, FlowJo, Diva, and R, allowing users to import gated cytometry data from commercial platforms into R.

**Resource Type:** software toolkit, software resource, source code

**Defining Citation:** [PMID:30551257](#)

**Keywords:** Cross-platform cytometry data sharing, cross-platform import, export, sharing, gated cytometry data, import gated cytometry data,

**Funding:** NIGMS R01 GM118417;  
Bill and Melinda Gates Foundation ;  
NIAID UM1 AI068635

**Availability:** Free, Available for download, Freely available

**Resource Name:** CytoML

**Resource ID:** SCR\_027485

**Alternate URLs:** <https://www.bioconductor.org/packages/release/bioc/html/CytoML.html>

**License:** AGPL v3

**Record Creation Time:** 20250930T070826+0000

**Record Last Update:** 20260814T043150+0000

### Ratings and Alerts

No rating or validation information has been found for CytoML.

No alerts have been found for CytoML.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Kim AH, et al. (2025) NEMO recruitment at single cytokine-receptor complexes shows quantized dynamics independent of ligand affinity. Cell reports, 44(12), 116637.

Lattanzio MV, et al. (2025) Single-molecule imaging of transcription dynamics, RNA localization and fate in human T cells. The EMBO journal, 44(22), 6732.

Eder M, et al. (2025) Functional maps of a genomic locus reveal confinement of an enhancer by its target gene. Science (New York, N.Y.), 389(6766), eads6552.

Cohen GS, et al. (2023) Transplantation elicits a clonally diverse CD8+ T cell response that is comprised of potent CD43+ effectors. Cell reports, 42(8), 112993.

Shilts J, et al. (2021) No evidence for basigin/CD147 as a direct SARS-CoV-2 spike binding receptor. Scientific reports, 11(1), 413.

Hunter-Schlichting D, et al. (2020) Validation of a hybrid approach to standardize immunophenotyping analysis in large population studies: The Health and Retirement Study. Scientific reports, 10(1), 8759.