

# Resource Summary Report

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## tximport

RRID:SCR\_016752

Type: Tool

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### Proper Citation

tximport (RRID:SCR\_016752)

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### Resource Information

**URL:** <https://github.com/mikelove/tximport>

**Proper Citation:** tximport (RRID:SCR\_016752)

**Description:** Software R package for importing pseudoaligned reads into R for use with downstream differential expression analysis. Used for import and summarize transcript level estimates for transcript and gene level analysis.

**Synonyms:** tximport v1.4.0

**Resource Type:** data analysis software, data processing software, software application, software resource

**Defining Citation:** [DOI:10.12688/f1000research.7563.1](https://doi.org/10.12688/f1000research.7563.1)

**Keywords:** pseudoaligned, reads, R, differential, expression, analysis, gene, transcript, bio.tools

**Funding:** European Commission ;  
NCI T32 CA009337;  
SNSF 143883

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

**Resource Name:** tximport

**Resource ID:** SCR\_016752

**Alternate IDs:** biotools:tximport

**Alternate URLs:** <https://bioconductor.org/packages/tximport/>,  
<https://bioconductor.org/packages/devel/bioc/vignettes/tximport/inst/doc/tximport.html>,  
<https://github.com/F1000Research/tximport>, <https://bio.tools/tximport>

**Old URLs:** [https://zenodo.org/record/35123#.W\\_w3behKiM8](https://zenodo.org/record/35123#.W_w3behKiM8)

**License:** GNU Public License (GPL)

**Record Creation Time:** 20220129T080332+0000

**Record Last Update:** 20260912T200019+0000

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## Ratings and Alerts

No rating or validation information has been found for tximport.

No alerts have been found for tximport.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 100 mentions in open access literature.

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

Zhou Z, et al. (2026) Integrative analysis of the mouse cecal microbiome across diet, age, and weight in the diverse BXD population. *Microbiome*, 14(1).

Vianello SD, et al. (2026) Comparative transcriptomics reveal the common anteroposterior molecular blueprint of adult bilaterian guts. *PLoS biology*, 24(1), e3003571.

Laubretton D, et al. (2026) Transient tumor exposure induces persistent functional defects in memory CD8+ T cells. *iScience*, 29(5), 115556.

Uriarte-Arrazola I, et al. (2026) Induced pluripotent stem cell-derived models of malignant nerve sheath tumor progression mimic glial to neuro-mesenchymal transition and uncover therapeutic opportunities. *Nature communications*, 17(1).

Kobayashi H, et al. (2026) A self-amplifying nerve-fibroblast circuit drives colorectal cancer progression. *Cancer cell*.

Petrova V, et al. (2026) A human iPSC-derived sensory neuron platform for high-throughput discovery of neuroprotectants against chemotherapy-induced peripheral neuropathy. *Cell reports. Medicine*, 7(5), 102787.

Gómez-Pascual A, et al. (2026) The Smarcal1-Usp37 locus modulates glycogen aggregation in astrocytes of the aged hippocampus. *Cell systems*, 17(2), 101488.

Liu A, et al. (2026) Soluble Uric Acid Drives CD8+ T-cell Exhaustion by Inducing KSR1-Mediated MAPK Hyperactivation. *Cancer research*, 86(14), 3459.

Consorti E, et al. (2025) Co-Cultivation with Azolla Affects the Metabolome of Whole Rice Plant Beyond Canonical Inorganic Nitrogen Fertilization. *Rice* (New York, N.Y.), 18(1), 49.

Stachelek K, et al. (2025) Chevreul: an R bioconductor package for exploratory analysis of full-length single cell sequencing. *GigaByte* (Hong Kong, China), 2025, gigabyte158.

Vardaka P, et al. (2025) Enforced MYC expression directs a distinct transcriptional state during plasma cell differentiation. *Life science alliance*, 8(10).

WierbiŃowicz K, et al. (2025) Parp7 generates an ADP-ribosyl degron that controls negative feedback of androgen signaling. *The EMBO journal*, 44(17), 4720.

Mondaza-Hernandez JL, et al. (2025) Identification of BET inhibitors (BETi) against solitary fibrous tumor (SFT) through high-throughput screening (HTS). *Neoplasia* (New York, N.Y.), 70, 101244.

Strickland BA, et al. (2025) C-terminal binding protein 2 interacts with JUNB to control macrophage inflammation. *Life science alliance*, 8(8).

Berger AH, et al. (2025) High-resolution transcriptional impact of AIRE: effects of pathogenic variants p.Arg257Ter, p.Cys311Tyr, and polygenic risk variant p.Arg471Cys. *Frontiers in immunology*, 16, 1572789.

Stickland BA, et al. (2025) The specificity of CTBP dehydrogenase inhibitors MTOB and 4-Cl-HIPP. *microPublication biology*, 2025.

Ortega-Bertran S, et al. (2025) Triple Combination of MEK, BET, and CDK Inhibitors Significantly Reduces Human Malignant Peripheral Nerve Sheath Tumors in Mouse Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 907.

Gurashi K, et al. (2025) An integrative multiparametric approach stratifies putative distinct phenotypes of blast phase chronic myelomonocytic leukemia. *Cell reports. Medicine*, 6(2), 101933.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Figuerola-Bou E, et al. (2025) KDM6 Demethylases Contribute to EWSR1::FLI1-Driven Oncogenic Reprogramming in Ewing Sarcoma. *Cancer research*, 85(22), 4485.