

Resource Summary Report

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tximport

RRID:SCR_016752

Type: Tool

Proper Citation

tximport (RRID:SCR_016752)

Resource Information

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

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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

License: GNU Public License (GPL)

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260821T194110+0000

Ratings and Alerts

No rating or validation information has been found for tximport.

No alerts have been found for tximport.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 100 mentions in open access literature.

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

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.

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).

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.

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.

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

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

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.

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

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.

Miller RD, et al. (2025) Whole RNA-Seq Analysis Reveals Longitudinal Proteostasis Network Responses to Photoreceptor Outer Segment Trafficking and Degradation in RPE Cells. Cells, 14(15).