

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: software resource, data processing software, software application, data analysis software

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: SNSF 143883;
European Commission ;
NCI T32 CA009337

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: 20260804T043635+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 91 mentions in open access literature.

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

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.

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).

Wierbi?owicz 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.

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.

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).

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).

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

Corr BR, et al. (2025) SM08502-Mediated β -Catenin Repression Synergizes with Olaparib to Inhibit Tumor Progression. *Cancer research communications*, 5(12), 2112.

Tin E, et al. (2025) SOCS1 Protects Acute Myeloid Leukemia against Allogeneic T Cell-Mediated Cytotoxicity. *Blood cancer discovery*, 6(3), 217.

Tackenberg MC, et al. (2025) Normal circadian period length requires repression of Npas2 by REV-ERB nuclear receptors. *Cell reports*, 44(10), 116437.

Buermann LE, et al. (2025) CD27 Agonist Antibodies Mediate Clinical Responses through Intratumoral Stimulation in B-cell Malignancies: Multicenter RiVa Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(22), 4664.

Reynaud M, et al. (2025) The multi-level effect of chlorpyrifos during clownfish metamorphosis. *Molecular and cellular endocrinology*, 603, 112535.

Álvarez-Prado ÁF, et al. (2025) Cancer cell and microenvironmental rewiring by ADAR1 loss impairs glioblastoma tumor growth and extends survival. *Cell reports*, 44(9), 116151.

Munyoki SK, et al. (2025) The microbiota extends the reproductive lifespan of mice by safeguarding the ovarian reserve. *Cell host & microbe*.