

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 application, data analysis software, software resource, data processing 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: 20250505T054507+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 67 mentions in open access literature.

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

Meng L, et al. (2024) Genome-wide identification and analysis of WD40 proteins reveal that NtTTG1 enhances drought tolerance in tobacco (*Nicotiana tabacum*). BMC genomics, 25(1), 133.

Lizardo MM, et al. (2024) Pharmacologic Inhibition of EIF4A Blocks NRF2 Synthesis to Prevent Osteosarcoma Metastasis. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(19), 4464.

Stankovi? D, et al. (2024) Xrp1 governs the stress response program to spliceosome dysfunction. Nucleic acids research, 52(5), 2093.

Ratnasiri K, et al. (2024) Systems immunology of transcriptional responses to viral infection identifies conserved antiviral pathways across macaques and humans. Cell reports, 43(2), 113706.

Pressl C, et al. (2024) Isolation and Molecular Profiling of Nuclei of Specific Neuronal Types from Human Cerebral Cortex and Striatum. Current protocols, 4(12), e70067.

Chen X, et al. (2024) Alarmin S100A8 imparts chemoresistance of esophageal cancer by reprogramming cancer-associated fibroblasts. *Cell reports. Medicine*, 5(6), 101576.

Umeda D, et al. (2024) Hypoxia drives the formation of lung micropapillary adenocarcinoma-like structure through hypoxia-inducible factor-1?. *Scientific reports*, 14(1), 31642.

Littleton SH, et al. (2024) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. *Cell genomics*, 4(5), 100556.

Su H, et al. (2024) Genome-wide identification of the N6-methyladenosine regulatory genes reveals NtFIP37B increases drought resistance of tobacco (*Nicotiana tabacum* L.). *BMC plant biology*, 24(1), 134.

Ahirwar DK, et al. (2023) Slit2/Robo1 signaling inhibits small-cell lung cancer by targeting β -catenin signaling in tumor cells and macrophages. *Molecular oncology*, 17(5), 839.

Philip VM, et al. (2023) Gene expression genetics of the striatum of Diversity Outbred mice. *bioRxiv : the preprint server for biology*.

Heyes E, et al. (2023) TET2 lesions enhance the aggressiveness of CEBPA-mutant acute myeloid leukemia by rebalancing GATA2 expression. *Nature communications*, 14(1), 6185.

Khlebus E, et al. (2023) Comparative Tumor Microenvironment Analysis of Primary and Recurrent Ovarian Granulosa Cell Tumors. *Molecular cancer research : MCR*, 21(5), 483.

Madan V, et al. (2023) Dissecting the role of SWI/SNF component ARID1B in steady-state hematopoiesis. *Blood advances*, 7(21), 6553.

Jung IY, et al. (2023) Tissue-resident memory CAR T cells with stem-like characteristics display enhanced efficacy against solid and liquid tumors. *Cell reports. Medicine*, 4(6), 101053.

Littleton SH, et al. (2023) Variant-to-function analysis of the childhood obesity chr12q13 locus implicates rs7132908 as a causal variant within the 3' UTR of FAIM2. *bioRxiv : the preprint server for biology*.

Pavithran H, et al. (2023) Transcriptome Profiling of Cardiac Glycoside Treatment Reveals EGR1 and Downstream Proteins of MAPK/ERK Signaling Pathway in Human Breast Cancer Cells. *International journal of molecular sciences*, 24(21).

Wirth R, et al. (2023) Inter-kingdom interactions and stability of methanogens revealed by machine-learning guided multi-omics analysis of industrial-scale biogas plants. *The ISME journal*, 17(8), 1326.

Pradat Y, et al. (2023) Integrative Pan-Cancer Genomic and Transcriptomic Analyses of Refractory Metastatic Cancer. *Cancer discovery*, 13(5), 1116.

Lee H, et al. (2023) In vitro characterization on the role of APOE polymorphism in human

hippocampal neurogenesis. *Hippocampus*, 33(4), 322.