

Resource Summary Report

Generated by dkNET on Apr 24, 2025

tximport

RRID:SCR_016752

Type: Tool

Proper Citation

tximport (RRID:SCR_016752)

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 resource, software application

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: 20250423T060932+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 [dkNET](#).

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.

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.

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

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.

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 ?-catenin signaling in tumor cells and macrophages. *Molecular oncology*, 17(5), 839.

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

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

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.

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

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.

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).

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*.

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

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.

Philip VM, et al. (2023) Gene expression genetics of the striatum of Diversity Outbred mice.

