

Resource Summary Report

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TEtranscripts

RRID:SCR_023208

Type: Tool

Proper Citation

TEtranscripts (RRID:SCR_023208)

Resource Information

URL: <https://github.com/mhammell-laboratory/TEtranscripts>

Proper Citation: TEtranscripts (RRID:SCR_023208)

Description: Software package for including transposable elements in differential enrichment analysis of sequencing datasets. Used for including transposable elements in differential expression analysis of RNA-seq datasets. RNAseq TE quantification tool.

Resource Type: software resource, software toolkit

Defining Citation: [PMID:26206304](#)

Keywords: Transposable Elements, transposable elements, RNAseq TE, sequencing datasets, RNAseq TE quantification

Funding: NCI CA 045508;
NSF MCB 1159098;
Rita Allen Foundation

Availability: Free, Available for download, Freely available

Resource Name: TEtranscripts

Resource ID: SCR_023208

License: GPL v3

Record Creation Time: 20230131T050207+0000

Record Last Update: 20260912T200303+0000

Ratings and Alerts

No rating or validation information has been found for Tetrascripts.

No alerts have been found for Tetrascripts.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Williams EC, et al. (2026) Expression of endogenous retroviral elements is associated with extracellular matrix remodeling in prostate cancer. *Mobile DNA*, 17(1), 1.

González-Martínez J, et al. (2026) miR-203 facilitates timely cell fate transitions via epigenetic modulation during early embryogenesis. *Science advances*, 12(11), eadr1776.

Kavaklioglu G, et al. (2025) The domesticated transposon protein L1TD1 associates with its ancestor L1 ORF1p to promote LINE-1 retrotransposition. *eLife*, 13.

Adami A, et al. (2025) LINE-1 retrotransposons mediate cis-acting transcriptional control in human pluripotent stem cells and regulate early brain development. *Cell genomics*, 100979.

Bergman A, et al. (2025) Limited impact of the siRNA pathway on transposable element expression in *Aedes aegypti*. *BMC biology*, 23(1), 130.

Bensberg M, et al. (2025) Exposing the DNA methylation-responsive compartment of the leukaemic genome in T-ALL cell lines support its potential as a novel therapeutic target in T-ALL. *Clinical epigenetics*, 17(1), 114.

Cottrell KA, et al. (2024) Induction of Viral Mimicry Upon Loss of DHX9 and ADAR1 in Breast Cancer Cells. *Cancer research communications*, 4(4), 986.

He MY, et al. (2024) GNAS knockout potentiates HDAC3 inhibition through viral mimicry-related interferon responses in lymphoma. *Leukemia*, 38(10), 2210.

Pasternack N, et al. (2024) Endogenous retroviruses are dysregulated in ALS. *iScience*, 27(7), 110147.

Lanciano S, et al. (2024) Locus-level L1 DNA methylation profiling reveals the epigenetic and transcriptional interplay between L1s and their integration sites. *Cell genomics*, 4(2), 100498.

Hwang SY, et al. (2024) Human cytomegalovirus harnesses host L1 retrotransposon for efficient replication. *Nature communications*, 15(1), 7640.

Walitt B, et al. (2024) Deep phenotyping of post-infectious myalgic encephalomyelitis/chronic fatigue syndrome. *Nature communications*, 15(1), 907.

Garza R, et al. (2023) LINE-1 retrotransposons drive human neuronal transcriptome complexity and functional diversification. *Science advances*, 9(44), eadh9543.

Krupp S, et al. (2023) TDP-43 pathology in *Drosophila* induces glial-cell type specific toxicity that can be ameliorated by knock-down of SF2/SRSF1. *PLoS genetics*, 19(9), e1010973.

Pal M, et al. (2023) Reorganization of lamina-associated domains in early mouse embryos is regulated by RNA polymerase II activity. *Genes & development*, 37(19-20), 901.

Garza R, et al. (2023) Single-cell transcriptomics of human traumatic brain injury reveals activation of endogenous retroviruses in oligodendroglia. *Cell reports*, 42(11), 113395.