

# Resource Summary Report

Generated by [dkNET](#) on May 20, 2025

## kallisto

RRID:SCR\_016582

Type: Tool

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### Proper Citation

kallisto (RRID:SCR\_016582)

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### Resource Information

**URL:** <https://pachterlab.github.io/kallisto/about>

**Proper Citation:** kallisto (RRID:SCR\_016582)

**Description:** Software tool for quantifying abundances of transcripts from RNA-Seq data or target sequences using high-throughput sequencing reads.

**Synonyms:** kallisto v0.43.1

**Resource Type:** software application, software resource, data analysis software, data processing software

**Defining Citation:** [PMID:27043002](https://pubmed.ncbi.nlm.nih.gov/27043002/)

**Keywords:** bio.tools

**Funding:**

**Availability:** Free, Available for download, Freely available

**Resource Name:** kallisto

**Resource ID:** SCR\_016582

**Alternate IDs:** biotools:kallisto

**Alternate URLs:** <https://pachterlab.github.io/kallisto/download.html>, <https://bio.tools/kallisto>, <https://sources.debian.org/src/kallisto/>

**License:** BSD 2-Clause License

**Record Creation Time:** 20220129T080331+0000

**Record Last Update:** 20250519T203934+0000

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## Ratings and Alerts

No rating or validation information has been found for kallisto.

No alerts have been found for kallisto.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 100 mentions in open access literature.

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

Fimiani C, et al. (2025) The E3 ubiquitin ligase Nedd4 fosters developmental myelination in the mouse central and peripheral nervous system. *Glia*, 73(2), 422.

Hoffmann J, et al. (2025) Steatohepatitis-induced vascular niche alterations promote melanoma metastasis. *Cancer & metabolism*, 13(1), 5.

Caulier B, et al. (2024) CD37 is a safe chimeric antigen receptor target to treat acute myeloid leukemia. *Cell reports. Medicine*, 5(6), 101572.

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

Chehade H, et al. (2024) BRCA Status Dictates Wnt Responsiveness in Epithelial Ovarian Cancer. *Cancer research communications*, 4(8), 2075.

Hariprakash JM, et al. (2024) Leveraging Tissue-Specific Enhancer-Target Gene Regulatory Networks Identifies Enhancer Somatic Mutations That Functionally Impact Lung Cancer. *Cancer research*, 84(1), 133.

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.

Ingels J, et al. (2024) Neoantigen-targeted dendritic cell vaccination in lung cancer patients induces long-lived T cells exhibiting the full differentiation spectrum. *Cell reports. Medicine*, 5(5), 101516.

DeCasien AR, et al. (2024) Evolutionary and biomedical implications of sex differences in the primate brain transcriptome. *Cell genomics*, 4(7), 100589.

Gairin E, et al. (2024) The genome of the sapphire damselfish *Chrysiptera cyanea*: a new resource to support further investigation of the evolution of Pomacentrids. *GigaByte (Hong Kong, China)*, 2024, gigabyte144.

, et al. (2024) Genome assembly of the edible jelly fungus *Dacryopinax spathularia* (Dacrymycetaceae). *GigaByte (Hong Kong, China)*, 2024, gigabyte120.

Denoeud F, et al. (2024) Evolutionary genomics of the emergence of brown algae as key components of coastal ecosystems. *Cell*, 187(24), 6943.

Kapur M, et al. (2024) Cell-type-specific expression of tRNAs in the brain regulates cellular homeostasis. *Neuron*.

Yelina NE, et al. (2024) Streamlined regulation of chloroplast development in the liverwort *Marchantia polymorpha*. *Cell reports*, 43(9), 114696.

, et al. (2024) Chromosome-level genome assembly of the common chiton, *Liolophura japonica* (Lischke, 1873). *GigaByte (Hong Kong, China)*, 2024, gigabyte123.

Ramirez MD, et al. (2024) Cellular-resolution gene expression mapping reveals organization in the head ganglia of the gastropod, *Berghia stephanieae*. *The Journal of comparative neurology*, 532(6), e25628.

Tse-Kang SY, et al. (2024) Lysosome-related organelle integrity suppresses TIR-1 aggregation to restrain toxic propagation of p38 innate immunity. *Cell reports*, 43(9), 114674.

Montuori E, et al. (2023) Transcriptome Sequencing of the Diatom *Asterionellopsis thurstonii* and In Silico Identification of Enzymes Potentially Involved in the Synthesis of Bioactive Molecules. *Marine drugs*, 21(2).

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*.

Jahandideh M, et al. (2023) The effect of chronic lithium treatment on hippocampal progenitor cells: Transcriptomic analysis and systems pharmacology. *Brain and behavior*, 13(10), e3215.