

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

kallisto

RRID:SCR_016582

Type: Tool

Proper Citation

kallisto (RRID:SCR_016582)

Resource Information

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

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

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

Keywords: bio.tools

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: 20260912T195841+0000

Ratings and Alerts

No rating or validation information has been found for kallisto.

No alerts have been found for kallisto.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 148 mentions in open access literature.

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

Uliano-Silva M, et al. (2026) Elevated retrocopy burden and sloth-specific expansions illuminate mammalian genome evolution. BMC biology, 24(1).

Radke K, et al. (2026) Repurposing statins and phenothiazines to treat chemoresistant neuroblastoma. EMBO molecular medicine, 18(2), 433.

Pereira de Castro KL, et al. (2026) Competition for the conserved branch point sequence influences physiological outcomes in pre-mRNA splicing. eLife, 13.

Wang X, et al. (2026) Clinicogenomic Characterization of Primary Sclerosing Cholangitis-Associated Biliary Tract Cancers. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(2), 363.

Blackmer-Raynolds L, et al. (2026) Indigenous gut microbes modulate neural cell state and neurodegenerative disease susceptibility. Cell systems, 17(2), 101481.

Davis FA, et al. (2026) Bacterial metabolites induce cell wall remodeling, antifungal resistance, and immune recognition of commensal fungi. Current biology : CB, 36(3), 674.

Hayward MK, et al. (2026) Tissue tension fosters macrophage-driven lipid peroxidation-induced DNA damage. Cancer cell, 44(6), 1255.

Kobayashi H, et al. (2026) A self-amplifying nerve-fibroblast circuit drives colorectal cancer progression. Cancer cell.

da Silva IB, et al. (2026) Sex-specific division of labor in termites is linked to differential brain architecture and foraging gene expression. iScience, 29(4), 115278.

Monteagudo-García Ó, et al. (2026) ZC3H13 Loss Drives Cancer Metastatic Progression by Disrupting m6A RNA Methylation. Cancer research, 86(3), 622.

Zhang Y, et al. (2026) Stem cell control in the lung by an autocrine injury-activated Igf complex. Science (New York, N.Y.), 392(6795), eadt1310.

Jaiswal A, et al. (2026) Spatial transcriptomics reveals altered communities and drivers of aberrant epithelia and pro-fibrotic fibroblasts in interstitial lung diseases. Cell genomics,

6(3), 101066.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Arif M, et al. (2026) Integrative analysis of left ventricle and epicardial adipose tissue identifies SDHA and OGDH as candidate targets for ischemic heart disease. *iScience*, 29(7), 116370.

Guercio BJ, et al. (2026) Neoadjuvant Nivolumab with or without Ipilimumab for Cisplatin-Ineligible Patients with Muscle-Invasive Bladder Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1434.

Kim D, et al. (2025) Gut microbiome remodeling provides protection from an environmental toxin. *iScience*, 28(4), 112209.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Sol Ruiz M, et al. (2025) Genetic characterization of pediatric B-cell acute lymphoblastic leukemia in Argentina uncovers molecular heterogeneity and novel variants. *Frontiers in pharmacology*, 16, 1701680.

Kraft A, et al. (2025) Exploring RNA cargo in extracellular vesicles for pleural mesothelioma detection. *BMC cancer*, 25(1), 212.

Gowen BG, et al. (2025) Systematic identification and characterization of high efficiency Cas9 guide RNAs for therapeutic targeting of ADAR. *PloS one*, 20(2), e0317745.