

Resource Summary Report

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Salmon

RRID:SCR_017036

Type: Tool

Proper Citation

Salmon (RRID:SCR_017036)

Resource Information

URL: <https://combine-lab.github.io/salmon/>

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Description: Software tool for quantifying expression of transcripts using RNA-seq data. Provides fast and bias-aware quantification of transcript expression. Transcriptome-wide quantifier to correct for fragment GC-content bias.

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

Defining Citation: [PMID:28263959](#)

Keywords: quantifying, expression, transcript, RNAseq, data, correct, fragment, GC, content, bias

Funding: Gordon and Betty Moore Foundation Data-Driven Discovery Initiative ;
NHGRI R21 HG006913;
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NCI T32 CA009337;
NHGRI R01 HG005220;
NSF BIO-1564917;
NSF CCF-1256087;
NSF CCF-1053918;
NSF EF-0849899

Availability: Free, Available for download, Freely available

Resource Name: Salmon

Resource ID: SCR_017036

Alternate IDs: OMICS_09075

Alternate URLs: <https://github.com/COMBINE-lab/salmon>,
<https://sources.debian.org/src/salmon/>

License: GNU GPL 3

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260805T044405+0000

Ratings and Alerts

No rating or validation information has been found for Salmon.

No alerts have been found for Salmon.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 357 mentions in open access literature.

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

Herbrich S, et al. (2026) TET2-mutant clonal hematopoiesis enhances macrophage antigen presentation and improves immune checkpoint therapy in solid tumors. *Cancer cell*, 44(1), 187.

Domingo J, et al. (2026) Nonlinear transcriptional responses to gradual modulation of transcription factor dosage. *eLife*, 13.

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. *Cell*.

Wisniewski DJ, et al. (2025) Dual inhibition of EGFR and PI3Kinase signaling in EGFR amplified triple negative breast cancer cells induces apoptosis and reduces tumor growth. *bioRxiv* : the preprint server for biology.

Stachelek K, et al. (2025) Chevreul: an R bioconductor package for exploratory analysis of full-length single cell sequencing. *GigaByte (Hong Kong, China)*, 2025, gigabyte158.

Li L, et al. (2025) Isolation, characterization, and genomic analysis of a novel phage WSPA with lytic activity against *Serratia marcescens*. *Microbiology spectrum*, 13(9), e0271624.

Ghani H, et al. (2025) GPSai: A Clinically Validated AI Tool for Tissue of Origin Prediction during Routine Tumor Profiling. *Cancer research communications*, 5(9), 1477.

Luna Buitrago D, et al. (2025) The loss of microRNA-26b promotes aortic calcification through the regulation of cell-specific target genes. *Cardiovascular research*, 121(11), 1778.

McLaurin DM, et al. (2025) A Novel Role for Coilin in Vertebrate Innate Immunity. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(8), e70580.

Podda MS, et al. (2025) Landscape of BRAF transcript variants in human cancer. *Molecular oncology*, 19(9), 2700.

Ortiz R, et al. (2025) Skin transcriptomics of invasive Coqui frogs: stress responses, parasite signatures, and antimicrobial peptides. *PloS one*, 20(7), e0328623.

Wang D, et al. (2025) Selective GSK3?? Inhibition Promotes Self-Renewal Across Different Stem Cell States. *bioRxiv : the preprint server for biology*.

Feng G, et al. (2025) InsP3R signaling mediates mitochondrial stress-induced longevity through actomyosin-dependent mitochondrial dynamics. *bioRxiv : the preprint server for biology*.

Longo M, et al. (2025) Oral lipoteichoic and lipoic acids improve insulin resistance and body composition in porphyria mice on a high-carbohydrate diet. *Journal of physiology and biochemistry*, 81(4), 1077.

Ortega-Bertran S, et al. (2025) Triple Combination of MEK, BET, and CDK Inhibitors Significantly Reduces Human Malignant Peripheral Nerve Sheath Tumors in Mouse Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 907.

Bello-Perez M, et al. (2025) Gene Expression Profiles Reveal Distinct Mechanisms Driving Chronic Obstructive Pulmonary Disease Exacerbations. *International journal of molecular sciences*, 26(2).

Stickland BA, et al. (2025) The specificity of CTBP dehydrogenase inhibitors MTOB and 4-Cl-HIPP. *microPublication biology*, 2025.

Liu F, et al. (2025) Integrated analysis of single-cell and bulk transcriptomics reveals cellular subtypes and molecular features associated with osteosarcoma prognosis. *BMC cancer*, 25(1), 280.

Li G, et al. (2025) Molecular basis of circadian rhythm divergence between diurnal and nocturnal lepidopterans. *iScience*, 28(4), 112206.

Strickland BA, et al. (2025) C-terminal binding protein 2 interacts with JUNB to control macrophage inflammation. *Life science alliance*, 8(8).