Resource Summary Report

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rnaseq

RRID:SCR_026973
Type: Tool

Proper Citation

rnaseq (RRID:SCR_026973)

Resource Information

URL: https://github.com/nf-core/rnaseq

Proper Citation: rnaseq (RRID:SCR_026973)

Description: Software RNA sequencing analysis pipeline using STAR, RSEM, HISAT2 or Salmon with gene/isoform counts and extensive quality control. Can be used to analyse RNA sequencing data obtained from organisms with reference genome and annotation. It takes a samplesheet and FASTQ files as input, performs quality control (QC), trimming and (pseudo-)alignment, and produces a gene expression matrix QC report.

Synonyms: nf-core/rnaseq

Resource Type: software resource, software toolkit, source code

Keywords: RNA sequencing, sequencing analysis, organisms, data, reference genome, annotation,

Availability: Free, Available for download, Freely available

Resource Name: rnaseq

Resource ID: SCR_026973

License: MIT license

Record Creation Time: 20250522T060228+0000

Record Last Update: 20260808T190759+0000

Ratings and Alerts

No rating or validation information has been found for rnaseq.

No alerts have been found for rnaseq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Schooley A, et al. (2026) Interphase chromosome conformation is specified by distinct folding programmes inherited through mitotic chromosomes or the cytoplasm. Nature cell biology, 28(1), 82.

Gajdušková P, et al. (2026) Phosphorylation of SF3B1 by CDK11 orchestrates spliceosome activation via SNIP1-dependent RES complex recruitment. Nature communications, 17(1).

Vigneau J, et al. (2026) Evolution of a distinct chromatin regulatory landscape in brown algae. Nature ecology & evolution, 10(4), 779.

Hernández-Ledesma AL, et al. (2026) Gene expression profiling of dendritic cell tolerance dysfunction in women with systemic lupus erythematosus. Frontiers in immunology, 17, 1771959.

Nawaz M, et al. (2026) Targeted Delivery of mRNA to the Heart via Extracellular Vesicles or Lipid Nanoparticles. Journal of extracellular vesicles, 15(6), e70324.

Perkins CM, et al. (2026) Transcriptomic Analyses of Normal Human Pancreata Reveal the Presence of Cancer Subtypes that Correlate with Acinar Ductal Metaplasia and Donor Ancestry. Cancer research communications, 6(1), 165.

El Daous H, et al. (2026) Integrated fetal testicular transcriptomic and epigenomic profiles during maternal nutrient restriction with dietary melatonin intervention. Journal of animal science, 104.

Gulla S, et al. (2026) MECOM Function Is Critical for AR-Driven Treatment-Resistant Prostate Cancer. Cancer research, 86(9), 2143.

Bodner J, et al. (2026) Human CRAMP1 specifically promotes the expression of histone H1 genes. EMBO reports, 27(5), 1122.

Rezelj VV, et al. (2026) Early transcriptional responses following Ad26.COV2.S vaccination in individuals with prior SARS-CoV-2 infection. EBioMedicine, 127, 106270.

García JF, et al. (2026) Intraspecies sequence-graph analysis of the Phytophthora theobromicola genome reveals a dynamic structure and variable effector repertoires. G3 (Bethesda, Md.), 16(1).

Ganesh K, et al. (2026) Immuno-metabolic dysregulation in type 2 diabetes is associated with altered neutrophil functional plasticity, mitochondrial dysfunction, and compromised

responses in sepsis. Journal of translational medicine, 24(1), 156.

Katsuda H, et al. (2026) DOCK10 Regulates Insulin Hypersecretion in Insulinoma and Serves as a Diagnostic and Therapeutic Target. Cellular and molecular gastroenterology and hepatology, 20(5), 101705.

Krüsemer R, et al. (2026) Experimental Sodalis infection eliminates ancient insect symbiont. Nature communications, 17(1).

Gauthier J, et al. (2026) B cell-intrinsic IL-2 signaling regulates inflammation by promoting IL-10 expression in CD25+ age-associated B cells. Immunity, 59(2), 354.

Li S, et al. (2026) PRECISE: A Prognostic Thyrocyte-Derived Gene Signature for Papillary Thyroid Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(13), 2667.

Niklasson M, et al. (2025) p21-Dependent Senescence Induction by BMP4 Renders Glioblastoma Cells Vulnerable to Senolytics. International journal of molecular sciences, 26(9).

Gong Y, et al. (2025) Multi-dimensional epigenomic dynamics converge on H3K4-mediated regulation of low-CO2 adaptation in Nannochloropsis oceanica. Plant communications, 6(12), 101534.

Hernández Gómez YF, et al. (2025) Volatile Metabolome and Transcriptomic Analysis of Kosakonia cowanii Ch1 During Competitive Interaction with Sclerotium rolfsii Reveals New Biocontrol Insights. Microorganisms, 13(7).

Aliu E, et al. (2025) Chromosome architecture affects virulence and competitiveness in Agrobacterium tumefaciens C58. Science advances, 11(40), eadx7408.