

# 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:** source code, software toolkit, software resource

**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:** 20260807T043051+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 [RRID](#) .

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<sup>+</sup> 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-CO<sub>2</sub> 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.