Resource Summary Report

Generated by RRID on Aug 4, 2026

RNAcentral

RRID:SCR_023115
Type: Tool

Proper Citation

RNAcentral (RRID:SCR_023115)

Resource Information

URL: https://rnacentral.org/

Proper Citation: RNAcentral (RRID:SCR_023115)

Description: Non coding RNA sequence database. Comprehensive ncRNA sequence collection representing all ncRNA types from broad range of organisms.

Resource Type: data or information resource, database

Keywords: non-coding RNA sequences, ncRNA sequence collection, organisms ncRNA sequence

Funding: Biotechnology and Biological Sciences Research Council

Availability: Free, Freely available

Resource Name: RNAcentral

Resource ID: SCR_023115

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260804T043815+0000

Ratings and Alerts

No rating or validation information has been found for RNAcentral.

No alerts have been found for RNAcentral.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Kazemzadeh S, et al. (2025) Genome-wide association mapping and transcriptional analysis uncover genetic determinants of minor tocopherols in rice seeds. Scientific reports, 15(1), 28530.

Díaz-Viraqué F, et al. (2025) Genomic Organization of Trypanosoma cruzi tRNA Genes. Genome biology and evolution, 17(6).

Mokshina N, et al. (2025) A Fresh Look at Celery Collenchyma and Parenchyma Cell Walls Through a Combination of Biochemical, Histochemical, and Transcriptomic Analyses. International journal of molecular sciences, 26(2).

Keogh K, et al. (2025) Complement 3 (C3) within the hypothalamic arcuate nucleus is a potential key mediator of the effect of enhanced nutrition on reproductive development in young bull calves. BMC genomics, 26(1), 466.

Green A, et al. (2025) LitSumm: large language models for literature summarization of noncoding RNAs. Database : the journal of biological databases and curation, 2025.

Choi J, et al. (2025) A novel miR-4536-3p inhibition ameliorates Alzheimer's disease by reducing A? accumulation and tau phosphorylation. Alzheimer's research & therapy, 17(1), 189.

Cayir A, et al. (2025) Protocol for single-base quantification of RNA m5C by pyrosequencing. STAR protocols, 6(4), 104099.

Khilwani B, et al. (2025) Characterization of lncRNA-protein interactions associated with Prostate cancer and Androgen receptors by molecular docking simulations. Biochemistry and biophysics reports, 42, 101959.

D'Addabbo P, et al. (2025) REDIportal: toward an integrated view of the A-to-I editing. Nucleic acids research, 53(D1), D233.

Yamamura K, et al. (2025) Consistent features observed in structural probing data of eukaryotic RNAs. NAR genomics and bioinformatics, 7(1), lqaf001.

Hayat D, et al. (2025) Inhibitors of eIF1A-ribosome interaction unveil uORF-dependent regulation of translation initiation and antitumor and antiviral effects. The EMBO journal, 44(13), 3853.

Tedman A, et al. (2025) Deep Receptor Scanning Reveals General Sequence Constraints on GPCR Biosynthesis. bioRxiv : the preprint server for biology.

Yu M, et al. (2025) Mitochondrial Mutation Leads to Cardiomyocyte Hypertrophy by Disruption of Mitochondria-Associated ER Membrane. Cell proliferation, 58(7), e70002.

Smith JR, et al. (2025) Standardized pipelines support and facilitate integration of diverse datasets at the Rat Genome Database. Database : the journal of biological databases and curation, 2025.

Liu Z, et al. (2025) Novel pathogenic mtDNA variants in Chinese children with neurological mitochondrial disorders. Annals of clinical and translational neurology, 12(3), 586.

Truong AD, et al. (2025) Exosomal small non-coding RNA profiling and the role of PIWI-interacting RNA pathway genes in Lumpy skin disease virus-infected bovines. Animal bioscience, 38(11), 2364.

Cano-Argüelles AL, et al. (2025) Insights into the Regulatory Roles of miRNAs in the Salivary Glands of the Soft Ticks Ornithodoros moubata and Ornithodoros erraticus. Pathogens (Basel, Switzerland), 14(6).

Keogh K, et al. (2025) Effect of enhanced early life nutrition on the molecular regulation of anterior pituitary function in Holstein Friesian bull calves. Scientific reports, 15(1), 20897.

Kim C, et al. (2025) Exosomal miRNA profiling in chickens infected with highly and low pathogenic avian influenza viruses. Journal of veterinary science, 26(5), e64.

Röhrborn K, et al. (2025) Salivary extracellular vesicle-derived microRNAs are related to variances in parameters of obesity, taste and eating behaviour. Molecular metabolism, 102, 102265.