

Resource Summary Report

Generated by [ASWG](#) on Aug 5, 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: database, data or information resource

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: 20260805T044510+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 [ASWG](#) .

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 β 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) REDlportal: 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*.

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.

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.

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.

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.

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

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.