

Resource Summary Report

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XRNA

RRID:SCR_018765

Type: Tool

Proper Citation

XRNA (RRID:SCR_018765)

Resource Information

URL: <http://rna.ucsc.edu/rnacenter/xrna/xrna.html>

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Description: Software Java based suite of tools for creation, annotation and display of RNA secondary structure diagrams. Provides editing tools for easy modification of publication quality secondary diagrams that can be either drawn manually, or through automatic generation. Other features include grouping, numbering and structure annotation. Secondary structures may be saved in native format, or exported as postscript for printing and further manipulation in programs such as Adobe Illustrator.

Resource Type: software toolkit, software resource

Keywords: RNA secondary structure diagram, RNA, RNA secondary structure, structure diagram, edit diagram, display diagram, native format secondary structure,

Availability: Free, Available for download, Freely available

Resource Name: XRNA

Resource ID: SCR_018765

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260810T040739+0000

Ratings and Alerts

No rating or validation information has been found for XRNA.

No alerts have been found for XRNA.

Data and Source Information

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Cullen LBL, et al. (2026) Exploring molecular mechanisms of aminoglycoside resistance in *Escherichia coli* MG1655 using the antibiotic resistance growth plate. *Scientific reports*, 16(1).

Aydemir HB, et al. (2026) The Complete Mitogenome of *Haemaphysalis parva* (Arachnida: Ixodidae) and Comparative Mitogenomics of *Haemaphysalis* Species. *Acta parasitologica*, 71(2).

McCann H, et al. (2025) R2DT: a comprehensive platform for visualizing RNA secondary structure. *Nucleic acids research*, 53(4).

McCann H, et al. (2024) R2DT: A COMPREHENSIVE PLATFORM FOR VISUALISING RNA SECONDARY STRUCTURE. *bioRxiv : the preprint server for biology*.

Williams AM, et al. (2023) In vivo structure probing of RNA in Archaea: novel insights into the ribosome structure of *Methanosarcina acetivorans*. *RNA (New York, N.Y.)*, 29(10), 1610.

Liu S, et al. (2021) HIV-1 integrase binding to genomic RNA 5'-UTR induces local structural changes in vitro and in virio. *Retrovirology*, 18(1), 37.

Itoh Y, et al. (2020) Analysis of translating mitoribosome reveals functional characteristics of translation in mitochondria of fungi. *Nature communications*, 11(1), 5187.

Feng X, et al. (2020) Plasticity of the peroxidase AhpC links multiple substrates to diverse disulfide-reducing pathways in *Shewanella oneidensis*. *The Journal of biological chemistry*, 295(32), 11118.