

Resource Summary Report

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RNALocate

RRID:SCR_024418

Type: Tool

Proper Citation

RNALocate (RRID:SCR_024418)

Resource Information

URL: <http://www.rna-society.org/rnalocate/>

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Description: Web tool for RNA subcellular localizations analysis. RNALocate v2.0 is updated resource for RNA subcellular localization with increased coverage and annotation.

Synonyms: RNALOCATE, RNALocate v2.0

Resource Type: data access protocol, software resource, web service

Defining Citation: [PMID:27543076](#), [PMID:34551440](#)

Keywords: RNA subcellular localizations analysis,

Funding: Scientific Research Fund of Heilongjiang Provincial Education Department ;
National Key Research and Development Project of China ;
National Natural Science Foundation of China ;
Paul K. and Diane Shumaker Endowment Fund at University of Missouri ;
Guangdong Basic and Applied Basic Research Foundation

Availability: Free, Freely available

Resource Name: RNALocate

Resource ID: SCR_024418

Alternate URLs: <http://www.rna-society.org/rnalocate/>, <http://www.rnalocate.org/>

Record Creation Time: 20230913T050234+0000

Record Last Update: 20260829T182835+0000

Ratings and Alerts

No rating or validation information has been found for RNALocate.

No alerts have been found for RNALocate.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Chen L, et al. (2026) Predicting circRNA subcellular localization by fusing circRNA sequence and network information. Scientific reports, 16(1).

Mu T, et al. (2026) Identification and external validation of a prognostic signature based on myeloid-derived suppressor cell-related lncRNAs for hepatocellular carcinoma. Hereditas, 163(1).

Ju H, et al. (2025) Knockdown of LINC00467 inhibits gastric cancer progression by modulating the sequestration of miR-141-3p. Oncology letters, 30(4), 459.

Jiang J, et al. (2025) PMLocMSCAM: Predicting miRNA Subcellular Localisations by miRNA Similarities and Cross-Attention Mechanism. IET systems biology, 19(1), e70023.

Lao C, et al. (2025) Screening biomarkers related to cholesterol metabolism in osteoarthritis based on transcriptomics. Scientific reports, 15(1), 21218.

Saha C, et al. (2025) LncRNAOmics: A Comprehensive Review of Long Non-Coding RNAs in Plants. Genes, 16(7).

Li H, et al. (2025) Identification and experimental validation of biomarkers associated with paraptosis in meningioma. Medicine, 104(52), e47116.

Huang X, et al. (2025) GTMALoc: prediction of miRNA subcellular localization based on graph transformer and multi-head attention mechanism. Frontiers in genetics, 16, 1623008.

Li J, et al. (2025) lncRNA localization and feature interpretability analysis. Molecular therapy. Nucleic acids, 36(1), 102425.

Palma A, et al. (2025) Genome biology of long non-coding RNAs in humans: A virtual karyotype. Computational and structural biotechnology journal, 27, 575.

Wu L, et al. (2025) RNALocate v3.0: Advancing the Repository of RNA Subcellular Localization with Dynamic Analysis and Prediction. Nucleic acids research, 53(D1), D284.

Li T, et al. (2025) Identification of Exosome-Associated Biomarkers in Diabetic Foot Ulcers: A Bioinformatics Analysis and Experimental Validation. *Biomedicines*, 13(7).

Li C, et al. (2024) Porcine circovirus type 2 ORF5 induces an inflammatory response by up-regulating miR-21 levels through targeting nuclear ssc-miR-30d. *Virus research*, 346, 199396.

Yang Y, et al. (2024) Circ-0044539 promotes lymph node metastasis of hepatocellular carcinoma through exosomal-miR-29a-3p. *Cell death & disease*, 15(8), 630.

Gu J, et al. (2024) Noncanonical functions of microRNAs in the nucleus. *Acta biochimica et biophysica Sinica*, 56(2), 151.

Wei Y, et al. (2024) The improved de Bruijn graph for multitask learning: predicting functions, subcellular localization, and interactions of noncoding RNAs. *Briefings in bioinformatics*, 26(1).

de Gonzalo-Calvo D, et al. (2024) Machine learning for catalysing the integration of noncoding RNA in research and clinical practice. *EBioMedicine*, 106, 105247.

Chen L, et al. (2024) PMiSLocMF: predicting miRNA subcellular localizations by incorporating multi-source features of miRNAs. *Briefings in bioinformatics*, 25(5).

Zhang Z, et al. (2024) Differentially localized protein identification for breast cancer based on deep learning in immunohistochemical images. *Communications biology*, 7(1), 935.

Poloni JF, et al. (2024) Localization is the key to action: regulatory peculiarities of lncRNAs. *Frontiers in genetics*, 15, 1478352.