

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

miRandola

RRID:SCR_021961

Type: Tool

Proper Citation

miRandola (RRID:SCR_021961)

Resource Information

URL: <http://mirandola.iit.cnr.it>

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Description: Manually curated database containing information on extracellular and circulating non-coding RNAs. You can search for RNAs typing in text area molecule of interest or you can browse database. Initially published in 2012, foreseeing relevance of ncRNAs as non-invasive biomarkers. miRandola 2017 is effort to update and collect accumulating information on extracellular ncRNAs that is spread across scientific publications and different databases with implemented new web interface.

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1371/journal.pone.0047786](https://doi.org/10.1371/journal.pone.0047786), [DOI:10.1093/nar/gkx854](https://doi.org/10.1093/nar/gkx854)

Keywords: extracellular circulating non-coding RNA, lncRNAs, circRNAs

Funding: Novo Nordisk Foundation

Availability: Free, Freely available

Resource Name: miRandola

Resource ID: SCR_021961

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260829T183030+0000

Ratings and Alerts

No rating or validation information has been found for miRandola.

No alerts have been found for miRandola.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Balakrishnan A, et al. (2025) Unlocking the secrets of the immunopeptidome: MHC molecules, ncRNA peptides, and vesicles in immune response. *Frontiers in immunology*, 16, 1540431.

Parvan R, et al. (2025) Multi-microRNA diagnostic panel for heart failure with preserved ejection fraction in preclinical and clinical settings. *ESC heart failure*, 12(4), 3028.

Liu Y, et al. (2024) ExomiRHub: A comprehensive database for hosting and analyzing human disease-related extracellular microRNA transcriptomics data. *Computational and structural biotechnology journal*, 23, 3104.

Yang Y, et al. (2023) Exosome, the glass slipper for Cinderella of cancer-bladder cancer? *Journal of nanobiotechnology*, 21(1), 368.

Loganathan T, et al. (2023) Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets. *Functional & integrative genomics*, 23(1), 33.