Resource Summary Report

Generated by nidm-terms on Jul 29, 2026

miRDeep*

RRID:SCR_012960
Type: Tool

Proper Citation

miRDeep* (RRID:SCR_012960)

Resource Information

URL: http://sourceforge.net/projects/mirdeepstar/

Proper Citation: miRDeep* (RRID:SCR_012960)

Description: An integrated application software tool for miRNA identification from RNA sequencing data.

Abbreviations: miRDeep*

Resource Type: software resource

Defining Citation: PMID:23221645

Availability: GNU General Public License, v3, Acknowledgement requested

Resource Name: miRDeep*

Resource ID: SCR_012960

Alternate IDs: OMICS_00374

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260725T190740+0000

Ratings and Alerts

No rating or validation information has been found for miRDeep*.

No alerts have been found for miRDeep*.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Zhang L, et al. (2024) Epigenetic Factor MicroRNAs Likely Mediate Vaccine Protection Efficacy against Lymphomas in Response to Tumor Virus Infection in Chickens through Target Gene Involved Signaling Pathways. Veterinary sciences, 11(4).

Zhu C, et al. (2023) Small RNA deep sequencing revealed microRNAs' involvement in modulating cellular senescence and immortalization state. Poultry science, 102(3), 102474.

Diamantopoulos MA, et al. (2022) Identification and expression analysis of ten novel small non-coding RNAs (sncRNAs) in cancer cells using a high-throughput sequencing approach. Gene, 809, 146025.

Fischer S, et al. (2022) Loss of a newly discovered microRNA in Chinese hamster ovary cells leads to upregulation of N-glycolylneuraminic acid sialylation on monoclonal antibodies. Biotechnology and bioengineering, 119(3), 832.

Ji G, et al. (2021) Identification and Characterization of Non-Coding RNAs in Thymoma. Medical science monitor : international medical journal of experimental and clinical research, 27, e929727.

Zheng W, et al. (2021) Identification of potential plasma biomarkers in early-stage nasopharyngeal carcinoma-derived exosomes based on RNA sequencing. Cancer cell international, 21(1), 185.

Bhagirath D, et al. (2021) Novel, non-invasive markers for detecting therapy induced neuroendocrine differentiation in castration-resistant prostate cancer patients. Scientific reports, 11(1), 8279.

Heidari M, et al. (2020) MicroRNA profiling in the bursae of Marek's disease virus-infected resistant and susceptible chicken lines. Genomics, 112(3), 2564.

Zhang L, et al. (2020) Marek's disease vaccines-induced differential expression of known and novel microRNAs in primary lymphoid organ bursae of White Leghorn. Veterinary research, 51(1), 19.

Kaur G, et al. (2020) RNA-Seq profiling of deregulated miRs in CLL and their impact on clinical outcome. Blood cancer journal, 10(1), 6.

Yusof AM, et al. (2019) Deep Small RNA Sequencing of BRAF V600E Mutated Papillary Thyroid Carcinoma With Lymph Node Metastasis. Frontiers in genetics, 10, 941.

Berardino BG, et al. (2019) Exposure to enriched environment rescues anxiety-like behavior and miRNA deregulated expression induced by perinatal malnutrition while

altering oligodendrocyte morphology. Neuroscience, 408, 115.

Jiang K, et al. (2019) Plasma exosomes from children with juvenile dermatomyositis are taken up by human aortic endothelial cells and are associated with altered gene expression in those cells. Pediatric rheumatology online journal, 17(1), 41.

Li Y, et al. (2019) DNA methylation, microRNA expression profiles and their relationships with transcriptome in grass-fed and grain-fed Angus cattle rumen tissue. PloS one, 14(10), e0214559.

Lee Marzano SY, et al. (2018) Transcriptional and Small RNA Responses of the White Mold Fungus Sclerotinia sclerotiorum to Infection by a Virulence-Attenuating Hypovirus. Viruses, 10(12).

Clark PM, et al. (2018) Novel and Haplotype Specific MicroRNAs Encoded by the Major Histocompatibility Complex. Scientific reports, 8(1), 3832.

Baumgart M, et al. (2017) A miRNA catalogue and ncRNA annotation of the short-living fish Nothobranchius furzeri. BMC genomics, 18(1), 693.

Bachmayr-Heyda A, et al. (2016) Small RNAs and the competing endogenous RNA network in high grade serous ovarian cancer tumor spread. Oncotarget, 7(26), 39640.

Wake C, et al. (2016) Novel microRNA discovery using small RNA sequencing in post-mortem human brain. BMC genomics, 17(1), 776.

Alsaweed M, et al. (2016) Human Milk Cells and Lipids Conserve Numerous Known and Novel miRNAs, Some of Which Are Differentially Expressed during Lactation. PloS one, 11(4), e0152610.