

Resource Summary Report

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[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: 20260801T190442+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

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

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.