Resource Summary Report

Generated by dkNET on Apr 22, 2025

MIREAP

RRID:SCR_013025

Type: Tool

Proper Citation

MIREAP (RRID:SCR_013025)

Resource Information

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

Proper Citation: MIREAP (RRID:SCR_013025)

Description: A software tool which can be used to identify both known and novel

microRNAs from small RNA libraries deeply sequenced by Solexa/454/Solid technology.

Abbreviations: MIREAP

Resource Type: software resource

Funding:

Availability: GNU General Public License, v2

Resource Name: MIREAP

Resource ID: SCR_013025

Alternate IDs: OMICS_00376

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250420T014629+0000

Ratings and Alerts

No rating or validation information has been found for MIREAP.

No alerts have been found for MIREAP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 364 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Ding D, et al. (2024) Whole-transcriptome sequencing revealed the role of noncoding RNAs in susceptibility and resistance of Pekin ducks to DHAV-3. Poultry science, 103(3), 103416.

Zhang W, et al. (2024) Profile of miRNAs induced during sheep fat tail development and roles of four key miRNAs in proliferation and differentiation of sheep preadipocytes. Frontiers in veterinary science, 11, 1491160.

Zhong S, et al. (2024) Distinct small RNAs are expressed at different stages of Phytophthora capsici and play important roles in development and pathogenesis. Frontiers in genetics, 15, 1296533.

Wang Z, et al. (2024) A novel and ubiquitous miRNA-involved regulatory module ensures precise phosphorylation of RNA polymerase II and proper transcription. PLoS pathogens, 20(4), e1012138.

Zhang S, et al. (2024) Whole-Transcriptome Sequencing Reveals the Global Molecular Responses and NAC Transcription Factors Involved in Drought Stress in Dendrobium catenatum. Antioxidants (Basel, Switzerland), 13(1).

Yang Y, et al. (2024) RNA-Seq Analysis Revealed circRNAs and Genes Associated with Abdominal Fat Deposition in Ducks. Animals: an open access journal from MDPI, 14(2).

Jin Q, et al. (2024) mRNA-miRNA analyses reveal the involvement of CsbHLH1 and miR1446a in the regulation of caffeine biosynthesis in Camellia sinensis. Horticulture research, 11(2), uhad282.

Hu Q, et al. (2024) Astrocyte-neuron crosstalk through extracellular vesicle-shuttled miRNA-382-5p promotes traumatic brain injury. Experimental & molecular medicine, 56(12), 2642.

Saroha M, et al. (2024) Genome-wide expression analysis of novel heat-responsive microRNAs and their targets in contrasting wheat genotypes at reproductive stage under terminal heat stress. Frontiers in plant science, 15, 1328114.

Shi H, et al. (2024) CircRNA profiling reveals the regulatory role of circPAN3 in Hezuo boars Sertoli cell growth. BMC genomics, 25(1), 1258.

Zhang L, et al. (2023) Imprinted Dlk1-Gtl2 cluster miRNAs are potential epigenetic regulators of lamb fur quality. BMC genomics, 24(1), 632.

Ahmad S, et al. (2023) The Integrated mRNA and miRNA Approach Reveals Potential Regulators of Flowering Time in Arundina graminifolia. International journal of molecular sciences, 24(2).

Dong Y, et al. (2023) miR-155-1 as a positive factor for novel duck reovirus replication by regulating SOCS5-mediated interferons. Virus research, 323, 199003.

Yang C, et al. (2023) Expression profile and bioinformatics analysis of circRNA and its associated ceRNA networks in longissimus dorsi from Lufeng cattle and Leiqiong cattle. BMC genomics, 24(1), 499.

Zhang Y, et al. (2023) Novel Insights into the circRNA-Modulated Developmental Mechanism of Western Honey Bee Larval Guts. Insects, 14(11).

Song B, et al. (2023) Construction and Analysis of ceRNA Networks Reveal the Key Genes Associated with Bovine Herpesvirus Type 1 Infection. Infection and drug resistance, 16, 5729.

Yu C, et al. (2023) Deep sequencing of microRNAs reveals circadian-dependent microRNA expression in the eyestalks of the Chinese mitten crab Eriocheir sinensis. Scientific reports, 13(1), 5253.

Wang L, et al. (2023) The PtoTCP20-miR396d-PtoGRF15 module regulates secondary vascular development in Populus. Plant communications, 4(2), 100494.

Liu N, et al. (2023) Small RNA and Degradome Sequencing in Floral Bud Reveal Roles of miRNAs in Dormancy Release of Chimonanthus praecox. International journal of molecular sciences, 24(4).

Wang X, et al. (2023) An Integrated Analysis of microRNAs and the Transcriptome Reveals the Molecular Mechanisms Underlying the Regulation of Leaf Development in Xinyang Maojian Green Tea (Camellia sinensis). Plants (Basel, Switzerland), 12(21).