Resource Summary Report

Generated by dkNET on Apr 23, 2025

miRPlant

RRID:SCR_012105
Type: Tool

Proper Citation

miRPlant (RRID:SCR_012105)

Resource Information

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

Proper Citation: miRPlant (RRID:SCR_012105)

Description: A user-friendly plant miRNA prediction tool.

Resource Type: software resource

Defining Citation: PMID:25117656

Keywords: applet, unix/linux, mac os x, windows, java, bio.tools

Funding:

Availability: GNU General Public License

Resource Name: miRPlant

Resource ID: SCR_012105

Alternate IDs: OMICS_05325, biotools:mirplant

Alternate URLs: https://bio.tools/mirplant

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250420T014606+0000

Ratings and Alerts

No rating or validation information has been found for miRPlant.

No alerts have been found for miRPlant.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Zhang Y, et al. (2024) Identification of plant microRNAs using convolutional neural network. Frontiers in plant science, 15, 1330854.

Ranawaka B, et al. (2023) A multi-omic Nicotiana benthamiana resource for fundamental research and biotechnology. Nature plants, 9(9), 1558.

Fasani E, et al. (2021) Comparative analysis identifies micro-RNA associated with nutrient homeostasis, development and stress response in Arabidopsis thaliana upon high Zn and metal hyperaccumulator Arabidopsis halleri. Physiologia plantarum, 173(3), 920.

Jarošová J, et al. (2020) Analysis of Small RNAs of Barley Genotypes Associated with Resistance to Barley Yellow Dwarf Virus. Plants (Basel, Switzerland), 9(1).

Salih H, et al. (2019) Long non-coding RNAs and their potential functions in Ligon-lintless-1 mutant cotton during fiber development. BMC genomics, 20(1), 661.

Stare T, et al. (2019) Multiomics analysis of tolerant interaction of potato with potato virus Y. Scientific data, 6(1), 250.

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).

Liu Y, et al. (2017) Global Analysis of Small RNA Dynamics during Seed Development of Picea glauca and Arabidopsis thaliana Populations Reveals Insights on their Evolutionary Trajectories. Frontiers in plant science, 8, 1719.

Liu Y, et al. (2017) Landscape of Fluid Sets of Hairpin-Derived 21-/24-nt-Long Small RNAs at Seed Set Uncovers Special Epigenetic Features in Picea glauca. Genome biology and evolution, 9(1), 82.

Velayudha Vimala Kumar K, et al. (2017) Deciphering microRNAs and Their Associated Hairpin Precursors in a Non-Model Plant, Abelmoschus esculentus. Non-coding RNA, 3(2).

Paul S, et al. (2016) Analysis of high iron rice lines reveals new miRNAs that target iron transporters in roots. Journal of experimental botany, 67(19), 5811.

Yu L, et al. (2016) miRNA Digger: a comprehensive pipeline for genome-wide novel miRNA mining. Scientific reports, 6, 18901.

Naoumkina M, et al. (2016) Small RNA sequencing and degradome analysis of developing fibers of short fiber mutants Ligon-lintles-1 (Li 1) and -2 (Li 2) revealed a role for miRNAs and their targets in cotton fiber elongation. BMC genomics, 17, 360.

Ku YS, et al. (2015) Small RNAs in Plant Responses to Abiotic Stresses: Regulatory Roles and Study Methods. International journal of molecular sciences, 16(10), 24532.