miRBase
RRID:SCR_003152
Type: Tool

Proper Citation
miRBase (RRID:SCR_003152)

Resource Information

URL: http://www.mirbase.org/
Proper Citation: miRBase (RRID:SCR_003152)
Description: Central online repository for microRNA nomenclature, sequence data, annotation and target prediction. Collection of published miRNA sequences and annotation.
Abbreviations: miRBase
Synonyms: microRNA database
Resource Type: naming service, storage service resource, database, service resource, data or information resource, data repository
Defining Citation: PMID:24275495, PMID:21037258, PMID:20205188, PMID:17991681, PMID:16957372, PMID:16381832, PMID:14681370
Keywords: gene, annotation, hairpin, microrna, nomenclature, rna, sequence, target, transcript, unique name, mirna registry, genetics, bio.tools, FASEB list
Funding Agency: BBSRC, Wellcome Trust Sanger Institute
Availability: Free, Available for download, Freely available
Resource Name: miRBase
Resource ID: SCR_003152
Alternate IDs: nif-0000-03134, biotools:mirbase, SCR_017497, SCR_017497
Alternate URLs: http://microrna.sanger.ac.uk/, https://bio.tools/mirbase

Ratings and Alerts

No rating or validation information has been found for miRBase.

No alerts have been found for miRBase.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8319 mentions in open access literature.

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


Fu F, et al. (2023) Ndufa4 Regulates the Proliferation and Apoptosis of Neurons via miR-145a-5p/Homer1/Ccnd2. Molecular neurobiology, 60(6), 2986.


Luan YX, et al. (2023) High-quality genomes reveal significant genetic divergence and cryptic speciation in the model organism Folsomia candida (collembola). Molecular ecology resources, 23(1), 273.


Gao H, et al. (2023) The regulatory effect of the YY1/miR?HCC2/BAMBI axis on the

Dong M, et al. (2023) Impaired regulation of MMP2/16-MLCK3 by miR-146a-5p increased susceptibility to myocardial ischaemic injury in aging mice. Cardiovascular research, 119(3), 786.


Lee JH, et al. (2023) Differentially expressed microRNAs in peripheral blood cell are associated with downregulated expression of IgE in nonallergic childhood asthma. Scientific reports, 13(1), 6381.

Huo X, et al. (2023) Prognostic factors and Doxorubicin involved in malignant progression of meningioma. Scientific reports, 13(1), 5632.


Zhao Q, et al. (2023) Comprehensive analysis of circular RNAs in porcine small intestine epithelial cells associated with susceptibility to Escherichia coli F4ac diarrhea. BMC genomics, 24(1), 211.