Resource Summary Report

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CancerMIRNome

RRID:SCR_022092
Type: Tool

Proper Citation

CancerMIRNome (RRID:SCR_022092)

Resource Information

URL: http://bioinfo.jialab-ucr.org/CancerMIRNome/

Proper Citation: CancerMIRNome (RRID:SCR_022092)

Description: Web server for cancer miRNome interactive analysis and visualization based on human miRNome data of cancer types from The Cancer Genome Atlas, and public cancer circulating miRNome profiling datasets from NCBI Gene Expression Omnibus and ArrayExpress. Comprehensive database for interactive analysis and visualization of miRNA expression profiles.

Resource Type: web service, data or information resource, data access protocol, database, software resource

Defining Citation: DOI:10.1093/nar/gkab784

Keywords: cancer miRNome interactive analysis, human miRNome data, cancer data, miRNA expression profiles

Funding: Riverside Faculty Start-up Fund ;
UC Cancer Research Coordinating Committee Competition Award ;
UC Academic Senate CoR Research Grant ;
United States Department of Agriculture ;
National Natural Science Foundation of China ;
Science and Technology Project of Guizhou Province

Availability: Free, Freely available

Resource Name: CancerMIRNome

Resource ID: SCR_022092

Record Creation Time: 20220421T050138+0000

Record Last Update: 20250509T060400+0000

Ratings and Alerts

No rating or validation information has been found for CancerMIRNome.

No alerts have been found for CancerMIRNome.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Rezasoltani S, et al. (2025) FadA antigen of Fusobacterium nucleatum: implications for ceRNA network in colorectal cancer and adenomatous polyps progression. Discover oncology, 16(1), 58.

Sánchez-Martin S, et al. (2024) Tumoral periprostatic adipose tissue exovesicles-derived miR-20a-5p regulates prostate cancer cell proliferation and inflammation through the RORA gene. Journal of translational medicine, 22(1), 661.

Ding Q, et al. (2024) Non-coding RNA-related FCGBP downregulation in head and neck squamous cell carcinoma: a novel biomarker for predicting paclitaxel resistance and immunosuppressive microenvironment. Scientific reports, 14(1), 4426.

Hassanin AAI, et al. (2024) Circulating Exosomal miRNA Profiles in Non-Small Cell Lung Cancers. Cells, 13(18).

Yoshida M, et al. (2024) Plasma extracellular vesicle microRNAs reflecting the therapeutic effect of the CBP/?-catenin inhibitor PRI-724 in patients with liver cirrhosis. Scientific reports, 14(1), 6266.

Liang J, et al. (2024) Identification and clinical value of a new ceRNA axis (TIMP3/hsa-miR-181b-5p/PAX8-AS1) in thyroid cancer. Health science reports, 7(2), e1859.

Yang X, et al. (2024) Exosomal miR-3174 induced by hypoxia promotes angiogenesis and metastasis of hepatocellular carcinoma by inhibiting HIPK3. iScience, 27(2), 108955.

Torshizi Esfahani A, et al. (2024) Differential expression of angiogenesis-related genes 'VEGF' and 'angiopoietin-1' in metastatic and EMAST-positive colorectal cancer patients. Scientific reports, 14(1), 10539.

He J, et al. (2024) Metformin Inhibits the Progression of Pancreatic Cancer Through Regulating miR-378a-3p/VEGFA/RGC-32 Axis. Cancer medicine, 13(23), e70446.

Qin C, et al. (2024) Extracellular vesicles miR-31-5p promotes pancreatic cancer chemoresistance via regulating LATS2-Hippo pathway and promoting SPARC secretion from pancreatic stellate cells. Journal of extracellular vesicles, 13(8), e12488.

Zhang Z, et al. (2024) Differentially localized protein identification for breast cancer based on deep learning in immunohistochemical images. Communications biology, 7(1), 935.

Liao Z, et al. (2023) Mechanisms and application strategies of miRNA?146a regulating inflammation and fibrosis at molecular and cellular levels (Review). International journal of molecular medicine, 51(1).

Xu X, et al. (2023) Comprehensive bioinformatic analysis of the expression and prognostic significance of TSC22D domain family genes in adult acute myeloid leukemia. BMC medical genomics, 16(1), 117.

Jia Q, et al. (2023) MiR-128-1-5p inhibits cell proliferation and induces cell apoptosis via targeting PRKCQ in colorectal cancer. Cancer biology & therapy, 24(1), 2226421.

Zhenhao Z, et al. (2023) A novel circular RNA, circMAML3, promotes tumor progression of prostate cancer by regulating miR-665/MAPK8IP2 axis. Cell death discovery, 9(1), 455.

Xie YX, et al. (2023) microRNA-497 slows esophageal cancer development and reverses chemotherapy resistance through its target QKI. Aging, 15(9), 3791.

Nianyong Y, et al. (2023) Comprehensive analysis reveals the involvement of hsa_circ_0037858/miR-5000-3p/FMR1 axis in malignant metastasis of clear cell renal cell carcinoma. Aging, 15(12), 5399.

Leung PKH, et al. (2023) Prognostic and Predictive Utility of GPD1L in Human Hepatocellular Carcinoma. International journal of molecular sciences, 24(17).

Chen Y, et al. (2022) Identification of MYEOV-Associated Gene Network as a Potential Therapeutic Target in Pancreatic Cancer. Cancers, 14(21).