Resource Summary Report

Generated by RRID on May 18, 2025

lnc2cancer

RRID:SCR_023781
Type: Tool

Proper Citation

lnc2cancer (RRID:SCR_023781)

Resource Information

URL: http://bio-bigdata.hrbmu.edu.cn/lnc2cancer/

Proper Citation: lnc2cancer (RRID:SCR_023781)

Description: Manually curated database of experimentally supported lncRNAs associated with various human cancers. Cancer long non coding RNA database. Lnc2Cancer 3.0 is updated resource for experimentally supported lncRNA/circRNA cancer associations and web tools based on RNA-seq and scRNA-seq data.

Synonyms: lnc2Cancer 3.0

Resource Type: database, data or information resource

Defining Citation: PMID:26481356, PMID:33219685

Keywords: Manually curated database, experimentally supported lncRNAs, human cancer, cancer long non coding RNA, lncRNA/circRNA cancer,

Funding: National High Technology Research and Development Program of China ;
National Natural Science Foundation of China ;
Postdoctoral Science Foundation of China ;
Postdoctoral Foundation of Heilongjiang Province ;
National Key R and D Program of China ;
Heilongjiang Touyan Innovation Team Program ;
Heilongjiang Provincial Natural Science Foundation

Availability: Free, Freely available

Resource Name: lnc2cancer

Resource ID: SCR_023781

Record Creation Time: 20230713T050225+0000

Record Last Update: 20250517T060547+0000

Ratings and Alerts

No rating or validation information has been found for lnc2cancer.

No alerts have been found for lnc2cancer.

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 RRID.

Ren L, et al. (2025) Matrine Inhibits Breast Cancer Cell Proliferation and Epithelial-Mesenchymal Transition Through Regulating the LINC01116/miR-9-5p/ITGB1 Axis. Balkan medical journal, 42(1), 54.

Li BJ, et al. (2024) LncRNA AFAP1-AS1 Promotes Oral Squamous Cell Carcinoma Development by Ubiquitin-Mediated Proteolysis. International dental journal, 74(6), 1277.

Liu S, et al. (2024) Pan-cancer analysis of super-enhancer-induced LINC00862 and validation as a SIRT1-promoting factor in cervical cancer and gastric cancer. Translational oncology, 45, 101982.

Poloni JF, et al. (2024) Localization is the key to action: regulatory peculiarities of lncRNAs. Frontiers in genetics, 15, 1478352.

An X, et al. (2024) Long noncoding RNA TUG1 promotes malignant progression of osteosarcoma by enhancing ZBTB7C expression. Biomedical journal, 47(3), 100651.

Ballesio F, et al. (2024) Human lncRNAs harbor conserved modules embedded in different sequence contexts. Non-coding RNA research, 9(4), 1257.

Wang J, et al. (2024) ARAP1-AS1: a novel long non-coding RNA with a vital regulatory role in human cancer development. Cancer cell international, 24(1), 270.

Zhang B, et al. (2024) LDAGM: prediction lncRNA-disease asociations by graph

convolutional auto-encoder and multilayer perceptron based on multi-view heterogeneous networks. BMC bioinformatics, 25(1), 332.

Newsham I, et al. (2024) Early detection and diagnosis of cancer with interpretable machine learning to uncover cancer-specific DNA methylation patterns. Biology methods & protocols, 9(1), bpae028.

Kim SS, et al. (2021) Early detection of hepatocellular carcinoma via liquid biopsy: panel of small extracellular vesicle-derived long noncoding RNAs identified as markers. Molecular oncology, 15(10), 2715.

Li J, et al. (2021) SVDNVLDA: predicting lncRNA-disease associations by Singular Value Decomposition and node2vec. BMC bioinformatics, 22(1), 538.

Li Y, et al. (2020) Pan-cancer characterization of immune-related lncRNAs identifies potential oncogenic biomarkers. Nature communications, 11(1), 1000.

Zhang Z, et al. (2020) Identification of microRNA-451a as a Novel Circulating Biomarker for Colorectal Cancer Diagnosis. BioMed research international, 2020, 5236236.

Zhang X, et al. (2019) Identification of Cancer-Related Long Non-Coding RNAs Using XGBoost With High Accuracy. Frontiers in genetics, 10, 735.