

Resource Summary Report

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[Inc2cancer](#)

RRID:SCR_023781

Type: Tool

Proper Citation

Inc2cancer (RRID:SCR_023781)

Resource Information

URL: <http://bio-bigdata.hrbmu.edu.cn/Inc2cancer/>

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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: Inc2Cancer 3.0

Resource Type: data or information resource, database

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: Inc2cancer

Resource ID: SCR_023781

Record Creation Time: 20230713T050225+0000

Record Last Update: 20260804T043813+0000

Ratings and Alerts

No rating or validation information has been found for Inc2cancer.

No alerts have been found for Inc2cancer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Fu L, et al. (2025) Dual balanced augmented topological noncoding RNA disease triplet association in heterogeneous graphs. Briefings in bioinformatics, 26(4).

Dashti NR, et al. (2025) Circulating lncRNA HOTAIR is a biomarker for pediatric acute lymphoblastic leukemia and mediator of miR-326 exosomal export. Scientific reports, 15(1), 4901.

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.

Xiao H, et al. (2025) LncRNA-DANCR Promotes ESCC Progression and Function as ceRNA to Regulate DDIT3 Expression by Sponging microRNA-3193. Cancer science, 116(5), 1324.

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.

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

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 associations 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.

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

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 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.