

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: 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: Inc2cancer

Resource ID: SCR_023781

Record Creation Time: 20230713T050225+0000

Record Last Update: 20260808T190444+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 26 mentions in open access literature.

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

Guo X, et al. (2025) Pan-Cancer Analysis of Enhancer-Induced PAN3-AS1 and Experimental Validation as a WFDC13-Promoting Factor in Colon Cancer. *Oncology research*, 34(1), 19.

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.

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.

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.

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.

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.

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.

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

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.

Singh D, et al. (2023) In Silico Identification of Potential Quadruplex Forming Sequences in lncRNAs of Cervical Cancer. *International journal of molecular sciences*, 24(16).

Cao P, et al. (2022) Identification and Validation of 7-lncRNA Signature of Epigenetic Disorders by Comprehensive Epigenetic Analysis. *Disease markers*, 2022, 5118444.

Liu Y, et al. (2022) NCP-BiRW: A Hybrid Approach for Predicting Long Noncoding RNA-Disease Associations by Network Consistency Projection and Bi-Random Walk. *Frontiers in genetics*, 13, 862272.

Wang B, et al. (2022) lncRNA RP11-551L14.4 suppresses breast cancer development by inhibiting the expression of miR-4472. *PeerJ*, 10, e14482.

Xiao S, et al. (2022) Long Noncoding RNA HAGLROS Promotes the Malignant Progression of Bladder Cancer by Regulating the miR-330-5p/SPRR1B Axis. *Frontiers in oncology*, 12, 876090.

Liang Y, et al. (2022) MAGCNSE: predicting lncRNA-disease associations using multi-view attention graph convolutional network and stacking ensemble model. *BMC bioinformatics*, 23(1), 189.

Khodaii Z, et al. (2022) Novel targets in rectal cancer by considering lncRNA-miRNA-mRNA network in response to *Lactobacillus acidophilus* consumption: a randomized clinical trial. *Scientific reports*, 12(1), 9168.