

Resource Summary Report

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IncRNADB

RRID:SCR_015491

Type: Tool

Proper Citation

IncRNADB (RRID:SCR_015491)

Resource Information

URL: <http://www.lncrnadb.org/>

Proper Citation: IncRNADB (RRID:SCR_015491)

Description: Searchable database of comprehensive annotations of eukaryotic long non-coding RNAs. Entries are manually curated from referenced literature.

Synonyms: IncRNADB v2.0, Long Noncoding RNA Database, Long Noncoding RNA Database v2.0

Resource Type: data or information resource, database

Keywords: reference database, eukaryotic annotation, annotation database, eukaryotic long non coding rna database, functional long noncoding rnas, bio.tools, FASEB list

Availability: Open source, Acknowledgement requested, The community can contribute to this resource

Resource Name: IncRNADB

Resource ID: SCR_015491

Alternate IDs: biotools:lncrnadb

Alternate URLs: <https://bio.tools/lncrnadb>

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260821T194051+0000

Ratings and Alerts

No rating or validation information has been found for IncRNADB.

No alerts have been found for lncRNADB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 165 mentions in open access literature.

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

Dwivedi Y, et al. (2026) Aberrant expression of long non-coding RNAs and their regulatory role in chromatin-mediated gene expression changes in the prefrontal cortex of major depressive disorder subjects. *Molecular psychiatry*, 31(5), 2698.

Zhang H, et al. (2025) Functional analysis of lncRNAs in lipid metabolism of fat and lean line broiler embryonic livers. *Poultry science*, 104(8), 105261.

Chakraborty S, et al. (2025) Noncoding and coding mechanisms of aging-related heart failure with preserved ejection fraction associated with thyroid dysfunction. *Disease models & mechanisms*, 18(11).

Zheng J, et al. (2025) Differentially expressed profiles of lncRNAs in pterygium. *BMC ophthalmology*, 25(1), 557.

Dayal Aggarwal D, et al. (2024) Decoding the connection between lncRNA and obesity: Perspective from humans and Drosophila. *Heliyon*, 10(15), e35327.

Mosquera-Heredia MI, et al. (2024) Long Non-Coding RNAs and Alzheimer's Disease: Towards Personalized Diagnosis. *International journal of molecular sciences*, 25(14).

Galus ??, et al. (2024) Diagnostic and prognostic role of long non-coding RNAs (lncRNAs) in metastatic melanoma patients with BRAF gene mutation receiving BRAF and MEK inhibitors. *Heliyon*, 10(7), e29071.

Ulrich A, et al. (2024) Blood DNA methylation profiling identifies cathepsin Z dysregulation in pulmonary arterial hypertension. *Nature communications*, 15(1), 330.

Loganathan T, et al. (2023) Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets. *Functional & integrative genomics*, 23(1), 33.

Zayakin P, et al. (2023) Extracellular Vesicles-A Source of RNA Biomarkers for the Detection of Breast Cancer in Liquid Biopsies. *Cancers*, 15(17).

Hasan S, et al. (2022) The Long Read Transcriptome of Rice (*Oryza sativa* ssp. *japonica* var. *Nipponbare*) Reveals Novel Transcripts. *Rice (New York, N.Y.)*, 15(1), 29.

Zhang Z, et al. (2022) Analysis of the long non-coding RNA and mRNA expression profiles associated with lidocaine-induced neurotoxicity in the spinal cord of a rat model.

Neurotoxicology, 90, 88.

Liu X, et al. (2022) Exosomes deliver lncRNA DARS-AS1 siRNA to inhibit chronic unpredictable mild stress-induced TNBC metastasis. *Cancer letters*, 543, 215781.

Rajabinejad M, et al. (2022) The MALAT1-H19/miR-19b-3p axis can be a fingerprint for diabetic neuropathy. *Immunology letters*, 245, 69.

Ke J, et al. (2022) LncRNA and mRNA expression associated with myasthenia gravis in patients with thymoma. *Thoracic cancer*, 13(1), 15.

Kaashyap M, et al. (2022) Comprehensive transcriptomic analysis of two RIL parents with contrasting salt responsiveness identifies polyadenylated and non-polyadenylated flower lncRNAs in chickpea. *Plant biotechnology journal*, 20(7), 1402.

Lee YW, et al. (2021) IncExplore: a database of pan-cancer analysis and systematic functional annotation for lncRNAs from RNA-sequencing data. *Database : the journal of biological databases and curation*, 2021.

Meng X, et al. (2021) Interplay between miRNAs and lncRNAs: Mode of action and biological roles in plant development and stress adaptation. *Computational and structural biotechnology journal*, 19, 2567.

Yang Y, et al. (2021) Expression profiles and potential functions of long noncoding RNAs and mRNAs in autoimmune pulmonary alveolar proteinosis patients. *Aging*, 13(7), 10535.

Lai SH, et al. (2021) Whole genome, exon mutation and transcriptomic profiling of acute myeloid leukemia: A case report. *Oncology letters*, 22(1), 559.