Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 28, 2025

GeneHancer

RRID:SCR_023953
Type: Tool

Proper Citation

GeneHancer (RRID:SCR_023953)

Resource Information

URL: https://www.genecards.org/

Proper Citation: GeneHancer (RRID:SCR_023953)

Description: Database of human regulatory elements like enhancers and promoters, and their inferred target genes which is embedded in GeneCards, human gene compendium. Associations between regulatory elements and target genes were based on multiple sources of linking molecular data, along with distance.

Resource Type: data or information resource, database

Defining Citation: PMID:28605766

Keywords: human regulatory elements, enhancers, promoters, inferred target genes, GeneCards, human gene compendium,

Funding: LifeMap Sciences Inc. ;
Crown Human Genome Center at the Weizmann Institute of Science

Availability: Free, Freely available

Resource Name: GeneHancer

Resource ID: SCR_023953

Alternate URLs: https://genecards.weizmann.ac.il/geneloc/index.shtml

Record Creation Time: 20230824T050210+0000

Record Last Update: 20250525T032625+0000

Ratings and Alerts

No rating or validation information has been found for GeneHancer.

No alerts have been found for GeneHancer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1426 mentions in open access literature.

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

Zou Y, et al. (2025) Sonic hedgehog restrains the ubiquitin-dependent degradation of SP1 to inhibit neuronal/glial senescence associated phenotypes in chemotherapy-induced peripheral neuropathy via the TRIM25-CXCL13 axis. Journal of advanced research, 68, 387.

Yan K, et al. (2025) Using network pharmacology and molecular docking technology, proteomics and experiments were used to verify the effect of Yigu decoction (YGD) on the expression of key genes in osteoporotic mice. Annals of medicine, 57(1), 2449225.

Han H, et al. (2025) NSUN5 Facilitates Hepatocellular Carcinoma Progression by Increasing SMAD3 Expression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(2), e2404083.

Zhang L, et al. (2025) The Therapeutic Mechanisms of Huayu Quban Capsule in Treating Acne Vulgaris Are Uncovered Through Network Pharmacology and Molecular Docking. Journal of cosmetic dermatology, 24(1), e16632.

Yang Z, et al. (2025) Exploring the Anti-PANoptosis Mechanism of Dachaihu Decoction Against Sepsis-Induced Acute Lung Injury: Network Pharmacology, Bioinformatics, and Experimental Validation. Drug design, development and therapy, 19, 349.

Zhuang Y, et al. (2025) Osteosarcoma biomarker analysis and drug targeting prediction based on pyroptosis-related genes. Medicine, 104(3), e40240.

Zhu W, et al. (2025) Analyzing gene-based apoptotic biomarkers in insomnia using bioinformatics. Medicine, 104(3), e40965.

Bai HY, et al. (2025) Development of a Novel Prognostic Model for Lung Adenocarcinoma Utilizing Pyroptosis-Associated LncRNAs. Analytical cellular pathology (Amsterdam), 2025, 4488139.

He H, et al. (2025) Nucleotide metabolism-associated drug resistance gene NDUFA4L2

promotes colon cancer progression and 5-FU resistance. Scientific reports, 15(1), 570.

Jiang S, et al. (2025) Metabolic profiles and potential antioxidant mechanisms of hawk tea. Scientific reports, 15(1), 3600.

Konieczny MJ, et al. (2025) The genomic architecture of circulating cytokine levels points to drug targets for immune-related diseases. Communications biology, 8(1), 34.

Chen W, et al. (2025) Validation and the role of PDK4 relevant to ferroptosis in degenerative lumbar disc disease. Journal of orthopaedic surgery and research, 20(1), 30.

Zhao Q, et al. (2025) TRIAGE: an R package for regulatory gene analysis. Briefings in bioinformatics, 26(1).

Jeong M, et al. (2025) An Investigation of the Anticancer Mechanism of Caesalpinia sappan L. Extract Against Colorectal Cancer by Integrating a Network Pharmacological Analysis and Experimental Validation. Plants (Basel, Switzerland), 14(2).

Lv J, et al. (2025) Pifithrin-? sensitizes mTOR-activated liver cancer to sorafenib treatment. Cell death & disease, 16(1), 42.

Xu J, et al. (2025) Screening of Anti-Hair Loss Plant Raw Materials Based on Reverse Network Pharmacology and Experimental Validation. Current issues in molecular biology, 47(1).

Luan Y, et al. (2025) The systematic analysis of genes related to butyrate metabolism suggests that CDKN3 could serve as a promising therapeutic target for lung adenocarcinoma treatment. BMC cancer, 25(1), 69.

Zhang J, et al. (2025) Fracture-healing effects of Rhizoma Musae ethanolic extract: An integrated study using UHPLC-Q-Exactive-MS/MS, network pharmacology, and molecular docking. PloS one, 20(1), e0313743.

Hu L, et al. (2025) Network pharmacology combined with experimental verification for exploring the potential mechanism of phellodendrine against depression. Scientific reports, 15(1), 1958.

Yang M, et al. (2025) Postoperative Tongqi Formula ameliorates postoperative ileus via p38 MAPK signaling pathway and metabolic disorder. Heliyon, 11(1), e41217.