Resource Summary Report

Generated by RRID on Apr 16, 2025

GENCODE

RRID:SCR_014966
Type: Tool

Proper Citation

GENCODE (RRID:SCR_014966)

Resource Information

URL: https://www.gencodegenes.org

Proper Citation: GENCODE (RRID:SCR_014966)

Description: Human and mouse genome annotation project which aims to identify all gene features in the human genome using computational analysis, manual annotation, and experimental validation.

Synonyms: ENCODE

Resource Type: project portal, dataset, portal, data or information resource

Defining Citation: PMID:22955987

Keywords: human, mouse, genome, annotation, sequence, gene features, bio.tools

Funding: NHGRI 5U54HG004555;
Wellcome Trust WT098051

Availability: Free

Resource Name: GENCODE

Resource ID: SCR_014966

Alternate IDs: biotools:GENCODE

Alternate URLs: https://bio.tools/GENCODE

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250416T063716+0000

Ratings and Alerts

No rating or validation information has been found for GENCODE.

No alerts have been found for GENCODE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6435 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Yu T, et al. (2025) Inhibition of Glutamate-to-Glutathione Flux Promotes Tumor Antigen Presentation in Colorectal Cancer Cells. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(1), e2310308.

Ferdigg A, et al. (2025) Membrane transporters modulating the toxicity of arsenic, cadmium, and mercury in human cells. Life science alliance, 8(2).

Hai Q, et al. (2025) Optimized Method to Generate Well-Characterized Macrophages from Induced Pluripotent Stem Cells. Biomedicines, 13(1).

Panahipour L, et al. (2025) RNAseq of peripheral blood mononucleated cells exposed to platelet-rich fibrin and enamel matrix derivatives. Scientific reports, 15(1), 3661.

Lu X, et al. (2025) Stratification system with dual human endogenous retroviruses for predicting immunotherapy efficacy in metastatic clear-cell renal cell carcinoma. Journal for immunotherapy of cancer, 13(1).

Nandakumar M, et al. (2025) Positive Selection on Mammalian Immune Genes-Effects of Gene Function and Selective Constraint. Molecular biology and evolution, 42(1).

Legebeke J, et al. (2025) Uplift of genetic diagnosis of rare respiratory disease using airway epithelium transcriptome analysis. Human molecular genetics, 34(2), 148.

Magnitov MD, et al. (2025) ZNF143 is a transcriptional regulator of nuclear-encoded

mitochondrial genes that acts independently of looping and CTCF. Molecular cell, 85(1), 24.

Chen C, et al. (2025) Comprehensive characterization of the transcriptional landscape in Alzheimer's disease (AD) brains. Science advances, 11(1), eadn1927.

Lee JJY, et al. (2025) ZIC1 is a context-dependent medulloblastoma driver in the rhombic lip. Nature genetics, 57(1), 88.

Yao S, et al. (2025) Connecting genomic results for psychiatric disorders to human brain cell types and regions reveals convergence with functional connectivity. Nature communications, 16(1), 395.

Xie X, et al. (2025) RNA splicing variants of the novel long non-coding RNA, CyKILR, possess divergent biological functions in non-small cell lung cancer. Molecular therapy. Nucleic acids, 36(1), 102412.

Custódio Dias Duarte B, et al. (2025) Upregulation of long non-coding RNA ENSG00000267838 is related to the high risk of progression and non-response to chemoradiotherapy treatment for cervical cancer. Non-coding RNA research, 11, 104.

Formichetti S, et al. (2025) Genetic gradual reduction of OGT activity unveils the essential role of O-GlcNAc in the mouse embryo. PLoS genetics, 21(1), e1011507.

Da Silva AJ, et al. (2025) Nuclear talin-1 provides a bridge between cell adhesion and gene expression. iScience, 28(2), 111745.

Olney KC, et al. (2025) Distinct transcriptional alterations distinguish Lewy body disease from Alzheimer's disease. Brain : a journal of neurology, 148(1), 69.

Würth R, et al. (2025) Circulating tumor cell plasticity determines breast cancer therapy resistance via neuregulin 1-HER3 signaling. Nature cancer, 6(1), 67.

Okonechnikov K, et al. (2025) Biglycan-driven risk stratification in ZFTA-RELA fusion supratentorial ependymomas through transcriptome profiling. Acta neuropathologica communications, 13(1), 4.

Arce MM, et al. (2025) Central control of dynamic gene circuits governs T cell rest and activation. Nature, 637(8047), 930.