

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## GENCODE

RRID:SCR\_014966

Type: Tool

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### Proper Citation

GENCODE (RRID:SCR\_014966)

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### Resource Information

**URL:** <https://www.encodegenes.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:** data or information resource, dataset, portal, project portal

**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:** 20260905T133050+0000

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### Ratings and Alerts

- Used for genome assembly by the Human Islet Research Network community. Contact(s): [Golnaz Vahedi](#), [Klaus Kaestner](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for GENCODE.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 8811 mentions in open access literature.

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

Horii M, et al. (2026) Clinical and Molecular Differences of Hypertensive Disorders During Pregnancy. Arteriosclerosis, thrombosis, and vascular biology, 46(3), e323457.

Balamurugan K, et al. (2026) 3D "Emboli" Culture Models Epithelial Breast Cancer Cell Oxidative Mitochondrial Metabolism with Relevance for Lung Metastasis. Cancer research communications, 6(3), 600.

Gadad SS, et al. (2026) X-linked cancer-associated polypeptide (XCP) from lncRNA1456 modulates PHF8 histone demethylase activity to regulate the epigenome, gene expression, and cellular pathways in breast cancer. Oncogene, 45(17), 1557.

Ye Y, et al. (2026) DCPS modulates TDP-43-linked neurodegeneration through P-body-mediated RNA decay. Neuron, 114(11), 1970.

Alvaro-Espinosa L, et al. (2026) MIF-Induced CD74+ Microglia and Macrophages Promote Progression of Brain Metastasis and Are Clinically Relevant across Central Nervous System Disorders. Cancer research, 86(13), 3249.

Sutcliffe MD, et al. (2026) Transcriptomic profiling of mouse mammary tumors enables prognostic and predictive biomarker discovery for human breast cancers. bioRxiv : the preprint server for biology.

Alsina M, et al. (2026) Anti-B-cell Maturation Antigen Chimeric Antigen Receptor T-cell Therapy bb21217 for Relapsed and Refractory Multiple Myeloma: Results from the Phase I CRB-402 Study. Cancer immunology research, 14(4), 528.

Sakrepatna Nagaraj A, et al. (2026) Ex Vivo Immuno-Oncology Platform Reveals Spatial T-cell Infiltration Patterns Linked to ATR Inhibition Responses in High-Grade Serous Ovarian Cancer. Cancer immunology research, 14(4), 625.

Zhao Y, et al. (2026) IDH1 Reprograms Nucleotide Metabolism by Inducing Chromatin Remodeling and DHODH Transcription to Drive Chemoresistance in Nasopharyngeal Carcinoma. Cancer research, 86(8), 2004.

Smolen C, et al. (2026) Protocol for identifying genetic modifiers of phenotypes in individuals with disease-associated variants. STAR protocols, 7(2), 104546.

Fahmy AM, et al. (2026) STING dampens the unfolded protein response to enable the presentation of self-antigens on MHC-I during inflammation. Cell reports, 45(6), 117497.

Centonze A, et al. (2026) A Plastic EMP1+ to LGR5+ Cell State Conversion as a Bypass to KRASG12D Pharmacologic Inhibition in Metastatic Colorectal Cancer. Cancer discovery, 16(2), 320.

Swift SZ, et al. (2026) Integration of Short- and Long-Read RNA Sequencing Enables the Discovery of Circular RNAs. Cancer research, 86(5), 1300.

Kuo HH, et al. (2026) Patient-derived organoids across cancers reveal conserved tumor heterogeneity and actionable therapeutic vulnerabilities. Science advances, 12(26), ead3351.

Hasegawa K, et al. (2026) Age-related decline in nuclear envelope LINC complex drives neuronal aging via axon initial segment dysfunction. EMBO reports, 27(13), 3788.

Li C, et al. (2026) New Insights Into the Role of Polo-Like Kinase 3 in Lung Tumorigenesis. Journal of cellular biochemistry, 127(2), e70084.

Ruppert PMM, et al. (2026) Dietary sulfur amino acid restriction elicits a cold-like transcriptional response in inguinal but not epididymal white adipose tissue of male mice. eLife, 14.

Roger E, et al. (2026) ATM Deficiency Induces TGF $\beta$ -Mediated Stromal Programming in Pancreatic Cancer. Cancer research, 86(14), 3412.

Martín A, et al. (2026) Targeted KRASG12V Degradation in vivo Elicits Lung Adenocarcinoma Regression with Subsequent Relapse from Dysregulated Proteolysis. Cancer research.

Eriksson J, et al. (2026) Single-Cell Lineage Tracing Uncovers Resistance Signatures and Sensitizing Strategies to FLT3 Inhibitors in Acute Myeloid Leukemia. Cancer research, 86(7), 1724.