Resource Summary Report

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UCSC Genome Browser

RRID:SCR_005780
Type: Tool

Proper Citation

UCSC Genome Browser (RRID:SCR_005780)

Resource Information

URL: http://genome.ucsc.edu/

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Description: Portal to interactively visualize genomic data. Provides reference sequences and working draft assemblies for collection of genomes and access to ENCODE and Neanderthal projects. Includes collection of vertebrate and model organism assemblies and annotations, along with suite of tools for viewing, analyzing and downloading data.

Synonyms: The Human Genome Browser at UCSC, UCSC Genome Browser Group, University of California at Santa Cruz Genome Browser, UCSC Genome Bioinformatics

Resource Type: data or information resource, database, portal, project portal, service resource

Defining Citation: PMID:12045153, PMID:22908213, PMID:23155063

Keywords: Reference, sequence, assembly, collection, genome, visualize, genomic, data, ENCODE, Neanderthal, project, sequencing

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UC BIOTEuropean UnionH

Resource Name: UCSC Genome Browser

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Alternate IDs: OMICS_00926, SCR_017502, nif-0000-03603, SciEx_217, SCR_012479, r3d100010243

Alternate URLs: http://genome.cse.ucsc.edu, https://doi.org/10.17616/R3RK5C

License URLs: http://genome.cse.ucsc.edu/conditions.html

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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 UCSC Genome Browser.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11041 mentions in open access literature.

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

Thursby SJ, et al. (2026) Epigenetic Instability-Based Metrics in Cell-Free DNA for Early Cancer Detection. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(8), 1528.

Nasr MM, et al. (2026) PRDM16 Regulates Prostate Cancer Cell Dormancy and Prevents Bone Metastatic Outgrowth. Cancer research, 86(3), 604.

Gupta I, et al. (2026) Correlation of the differential expression of PIK3R1 and its spliced variant, p55?, in pan-cancer. Molecular oncology, 20(5), 1299.

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.

Rhodehouse K, et al. (2026) Dynamics of natural and pharmacologic control of an SIV variant with an envelope trafficking defect. The Journal of experimental medicine, 223(2).

Almansour F, et al. (2026) TAD boundaries and gene activity are uncoupled. eLife, 15.

Adami A, et al. (2026) Protocol for efficient CRISPRi-mediated silencing of retrotransposons in human pluripotent stem cells. STAR protocols, 7(1), 104398.

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

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.

Jeon H, et al. (2026) PGR-mediated transcriptome identifies SOX9 as a critical regulator of progesterone production in human ovulatory follicles. iScience, 29(6), 116044.

Yoshida K, et al. (2026) DHODH regulates trophoblast fusion via IFITM-reduced plasma membrane fluidity: Implications for hypertensive disorders of pregnancy. iScience, 29(6), 116163.

Shaheen MT, et al. (2026) The Lysine Demethylase KDM4C Is an Oncogenic Driver and Regulates ERK Activity in KRAS-Mutant Pancreatic Ductal Adenocarcinoma. Cancer research communications, 6(1), 245.

Gómez-Pascual A, et al. (2026) The Smarcal1-Usp37 locus modulates glycogen aggregation in astrocytes of the aged hippocampus. Cell systems, 17(2), 101488.

Bready D, et al. (2026) A developmentally regulated long-range enhancer-promoter contact mediates human neural development. bioRxiv : the preprint server for biology.

Ma B, et al. (2026) MYC-Mediated USP39 Upregulation Stabilizes SRSF1 in Pancreatic Cancer. Molecular cancer research : MCR.

Brukner I, et al. (2026) Extrachromosomal microDNA Signature as a Candidate Biomarker in Pediatric Acute Lymphoblastic Leukemia. Cancer research communications, 6(1), 143.

Wong JP, et al. (2026) NF-?B and STAT3 signaling uniquely stratify survival in female glioblastoma patients. iScience, 29(2), 114761.

Barajas JM, et al. (2026) Tandem Duplications in UBTF Create XPO1-Dependent Nuclear Export Signals that Reveal a Leukemic Therapeutic Dependency. Blood cancer discovery, 7(1), 51.

Vanneste D, et al. (2026) MafB is a conserved transcriptional regulator of macrophage development and functional identity across tissues and species. Immunity, 59(3), 559.

Wafer R, et al. (2026) A quantitative in vivo CRISPR-imaging platform identifies regulators of hyperplastic and hypertrophic adipose morphology in zebrafish. eLife, 14.