

Resource Summary Report

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UCSC Cancer Genomics Browser

RRID:SCR_011796

Type: Tool

Proper Citation

UCSC Cancer Genomics Browser (RRID:SCR_011796)

Resource Information

URL: <https://genome-cancer.ucsc.edu/>

Proper Citation: UCSC Cancer Genomics Browser (RRID:SCR_011796)

Description: A suite of web-based tools to visualize, integrate and analyze cancer genomics and its associated clinical data. It is possible to display your own clinical data within one of their datasets.

Abbreviations: Cancer Genomics Browser

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

Defining Citation: [PMID:23109555](#), [PMID:21059681](#), [PMID:19333237](#)

Keywords: genome, genomics, clinical, next-generation sequencing, chromosome, gene, FASEB list

Related Condition: Cancer

Funding: NCI ;
NHGRI ;
American Association for Cancer Research ;
UCSF Comprehensive Cancer Center ;
California Institute for Quantitative Biosciences

Availability: Acknowledgement requested

Resource Name: UCSC Cancer Genomics Browser

Resource ID: SCR_011796

Alternate IDs: OMICS_00925

Record Creation Time: 20220129T080306+0000

Ratings and Alerts

No rating or validation information has been found for UCSC Cancer Genomics Browser.

No alerts have been found for UCSC Cancer Genomics Browser.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 530 mentions in open access literature.

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

Zheng M, et al. (2025) The CYLD-PARP1 feedback loop regulates DNA damage repair and chemosensitivity in breast cancer cells. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2413890121.

You P, et al. (2025) Knockdown of RFC4 inhibits cell proliferation of oral squamous cell carcinoma in vitro and in vivo. *FEBS open bio*, 15(2), 346.

Liu L, et al. (2025) Multi-omics dissection of CPNE1 reveals its prognostic value and immune-regulatory function in liver cancer. *Discover oncology*, 16(1), 1499.

Lee MK, et al. (2025) Prognostic value of FLOT1-related gene signature in head and neck squamous cell carcinoma: insights into radioresistance mechanisms and clinical outcomes. *Cell death discovery*, 11(1), 224.

Chen C, et al. (2025) Predicting breast cancer prognosis based on a novel pathomics model through CHEK1 expression analysis using machine learning algorithms. *PloS one*, 20(5), e0321717.

Noh JK, et al. (2025) Inhibition of NR2F2 suppresses invasion ability and modulates EMT marker in head and neck squamous cell carcinoma. *Discover oncology*, 16(1), 1887.

Xu H, et al. (2025) CREB3L1 facilitates pancreatic tumor progression and reprograms intratumoral tumor-associated macrophages to shape an immunotherapy-resistance microenvironment. *Journal for immunotherapy of cancer*, 13(1).

Yu Y, et al. (2025) Analysis of the effect of LMO2 on indicating CD8+ T-lymphocyte infiltration in pan-cancers. *Biochemistry and biophysics reports*, 41, 101890.

Cheng Q, et al. (2025) Targeting Metabolic Adaptation of Colorectal Cancer with Vanadium-Doped Nanosystem to Enhance Chemotherapy and Immunotherapy. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(7), e2409329.

- Gu J, et al. (2025) SIGLEC1 has the potential to be an immune-related prognostic indicator in colon adenocarcinoma: a study based on transcriptomic data and Mendelian randomization analysis. *Discover oncology*, 16(1), 324.
- Yan J, et al. (2025) Comprehensive pan-cancer analysis indicates key gene of p53-independent apoptosis is a novel biomarker for clinical application and chemotherapy in colorectal cancer. *Frontiers in immunology*, 16, 1571137.
- Yuan S, et al. (2025) CLIC3 emerges as a novel prognostic biomarker and therapeutic target in triple-negative breast cancer through integrated multi-omics analysis. *BMC cancer*, 25(1), 1828.
- Wang C, et al. (2025) Bioinformatics Analysis Screening and Identification of Key Biomarkers and Drug Targets in Human Glioblastoma. *Current medicinal chemistry*, 32(25), 5260.
- Mao Q, et al. (2025) Uncovering the prognostic implications and immunological roles of transmembrane protein 208 in bladder cancer by multi omics analysis and experimental verification. *Scientific reports*, 15(1), 43503.
- Gu H, et al. (2025) CUL4B regulates thyroid cancer differentiation and treatment sensitivity by ubiquitinating ARID1A. *Translational oncology*, 56, 102389.
- Zhu Y, et al. (2025) Unveiling the expression and mechanistic role of SYCP2 in cervical lesions. *Discover oncology*, 16(1), 2002.
- Yuan F, et al. (2025) EGFRvIII-positive glioblastoma contributes to immune escape and malignant progression via the c-Fos-MDK-LRP1 axis. *Cell death & disease*, 16(1), 453.
- Cheng Y, et al. (2025) Identification of plasminogen activator urokinase receptor-related non-coding RNA and immune prognostic signature for non-small cell lung cancer. *Clinics (Sao Paulo, Brazil)*, 80, 100711.
- Qiao X, et al. (2024) Identification of hub genes and potential molecular mechanisms in MSS/MSI classifier primary colorectal cancer based on multiple datasets. *Discover oncology*, 15(1), 290.
- He X, et al. (2024) CSE1L in enhancing the effect of defactinib on gastric cancer cells via the inhibition of FAK phosphorylation. *Translational cancer research*, 13(12), 6905.