

Resource Summary Report

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UCSC Xena

RRID:SCR_018938

Type: Tool

Proper Citation

UCSC Xena (RRID:SCR_018938)

Resource Information

URL: <http://xena.ucsc.edu/>

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Description: Web tool where one component is front end Xena Browser and another component is back end Xena Hubs. Web based Xena Browser empowers biologists to explore data across multiple Xena Hubs with variety of visualizations and analyses. Xena Hubs host genomics data from laptops, public servers, behind firewall, or in cloud, and can be public or private. Xena Browser receives data simultaneously from multiple Xena Hubs and integrates them into single coherent visualization within browser. Allows users to explore functional genomic data sets for correlations between genomic and/or phenotypic variables.

Synonyms: UCSC Xena Browser, Xena Browser

Resource Type: data or information resource, production service resource, web service, software resource, data access protocol, analysis service resource, service resource, portal

Keywords: Data visualization, data analysis, genomics data, explore functional genomic data, functional genomic, data sets, genomic variable correlation, phenotypic variables correlation

Availability: Free, Freely available

Resource Name: UCSC Xena

Resource ID: SCR_018938

Alternate URLs: <https://xenabrowser.net/>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260808T190125+0000

Ratings and Alerts

No rating or validation information has been found for UCSC Xena.

No alerts have been found for UCSC Xena.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4804 mentions in open access literature.

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

Nguyen TDT, et al. (2026) Pan-Cancer Single-Cell RNA Sequencing Analysis Refines Multi-Origin Monocyte and Macrophage Lineages. *Cancer immunology research*, 14(2), 350.

Chang-Gu B, et al. (2026) Association between Vitamin B12 Levels and Colon Cancer Survival: A Global Network Study. *Cancer research communications*, 6(2), 302.

Calderon-Aparicio A, et al. (2026) S6K1 Modulates STAT3 Activation to Promote Resistance to Radiotherapy in Lung Cancer. *International journal of molecular sciences*, 27(4).

Spalato Ceruso M, et al. (2026) Adenosine A2B Receptor Promotes Tumor Progression and Metastases in Undifferentiated Pleomorphic Sarcoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1887.

Marchetti S, et al. (2026) Interleukin-30 promotes melanoma spreading and triggers LAG-3 expression and T cell exhaustion. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 197, 119183.

Wang XX, et al. (2026) Modulating the tumor immune phenotypes by radiotherapy: formulating and validating the combination therapy of radiation, PD-L1, and TIM-3 blockade in colorectal cancer. *Journal for immunotherapy of cancer*, 14(2).

Ma Z, et al. (2026) Elevated PTK6 expression is associated with tumor immune microenvironment remodeling and predicts poor prognosis in endometrial carcinoma. *Frontiers in medicine*, 13, 1842564.

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. *Cancer research*, 86(8), 1883.

Kawazu M, et al. (2026) Genomic and Transcriptomic Analysis of High-Grade Endometrial Carcinoma Reveals Biological Heterogeneity and Molecular Classification Challenges. *Cancer research communications*, 6(4), 961.

Ding C, et al. (2026) Glioblastoma-Secreted C1QL1 Orchestrates Tumor Microtube Expansion and Neural Synaptic Pruning to Drive Malignant Synapse Formation and Recurrence. *Cancer discovery*, 16(6), 1176.

M Naeini M, et al. (2026) Convergent genomic and molecular features predict risk of metachronous metastasis in clear cell renal cell carcinoma. *Communications medicine*, 6(1).

Jamroze A, et al. (2026) Single-cell imaging analysis, therapeutic modeling and a Phase Ib trial validate BCL-2 as a target across heterogeneous castration-resistant prostate cancer. *Signal transduction and targeted therapy*, 11(1).

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

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

Sohal IS, et al. (2026) Exosome-like biogenesis from the Golgi releases extracellular vesicles lacking conventional tetraspanins that mediate immune evasion in cancer. *bioRxiv : the preprint server for biology*.

López-Fuentes E, et al. (2026) Epigenetic and Transcriptional Programs Define Osteosarcoma Subtypes and Establish Targetable Vulnerabilities. *Cancer discovery*, 16(2), 296.

Mogi M, et al. (2026) Pan-cancer analysis of RNA expression signatures associated with cancer tissue architecture. *British journal of cancer*, 134(1), 141.

Tanka AT, et al. (2026) Integrative CRISPR Screening and RNA Analyses Discover an Essential Role for PUF60 Interactions with 3' Splice Sites in Cancer Progression. *Cancer research*, 86(7), 1586.

Kim M, et al. (2026) Prognostic Implications of Exosomal miRNA Networks Regulating TGF β 1-induced Epithelial-Mesenchymal Transition Signature in Oral Squamous Cell Carcinoma. *Cancer genomics & proteomics*, 23(1), 50.

Wang W, et al. (2026) Identification of TMEM59L as a potential diagnosis, prognosis and immunotherapy biomarker for colon adenocarcinoma. *Scientific reports*, 16(1), 5765.