Resource Summary Report

Generated by RRID on Apr 11, 2025

Cancer Genomics Hub

RRID:SCR_002657
Type: Tool

Proper Citation

Cancer Genomics Hub (RRID:SCR_002657)

Resource Information

URL: https://cghub.ucsc.edu/

Proper Citation: Cancer Genomics Hub (RRID:SCR_002657)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on March 17, 2022. A secure repository for storing, cataloging, and accessing cancer genome sequences, alignments, and mutation information from the Cancer Genome Atlas (TCGA) consortium and related projects. CGHub gives scientific researchers the statistical power of large cancer genome datasets to attack the molecular complexity of cancer.

Abbreviations: CGHub

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

Defining Citation: PMID:25267794

Keywords: genome, genome sequence, alignment, mutation

Related Condition: Cancer

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: Cancer Genomics Hub

Resource ID: SCR_002657

Alternate IDs: nlx_156095

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250411T054753+0000

Ratings and Alerts

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

No alerts have been found for Cancer Genomics Hub.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 173 mentions in open access literature.

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

Huang YH, et al. (2025) Tribbles pseudokinase 3 drives cancer stemness in oral squamous cell carcinoma cells by supporting the expression levels of SOX2 and EGFR. International journal of molecular medicine, 55(3).

Song S, et al. (2023) Systematic analysis of Mendelian disease-associated gene variants reveals new classes of cancer-predisposing genes. Genome medicine, 15(1), 107.

Macaya I, et al. (2023) Signature-driven repurposing of Midostaurin for combination with MEK1/2 and KRASG12C inhibitors in lung cancer. Nature communications, 14(1), 6332.

Cheng WC, et al. (2021) Identification of theranostic factors for patients developing metastasis after surgery for early-stage lung adenocarcinoma. Theranostics, 11(8), 3661.

Gubanova NV, et al. (2021) Glioblastoma gene network reconstruction and ontology analysis by online bioinformatics tools. Journal of integrative bioinformatics, 18(4).

Citron F, et al. (2021) miR-9 modulates and predicts the response to radiotherapy and EGFR inhibition in HNSCC. EMBO molecular medicine, 13(7), e12872.

Guo Z, et al. (2020) Systematic Evaluation of the Diagnostic and Prognostic Significance of Competitive Endogenous RNA Networks in Prostate Cancer. Frontiers in genetics, 11, 785.

Yin J, et al. (2020) ARS2/MAGL signaling in glioblastoma stem cells promotes self-renewal and M2-like polarization of tumor-associated macrophages. Nature communications, 11(1),

2978.

Silva-Fisher JM, et al. (2020) Long non-coding RNA RAMS11 promotes metastatic colorectal cancer progression. Nature communications, 11(1), 2156.

Xing L, et al. (2020) Expression scoring of a small-nucleolar-RNA signature identified by machine learning serves as a prognostic predictor for head and neck cancer. Journal of cellular physiology, 235(11), 8071.

An X, et al. (2020) Cavin3 Suppresses Breast Cancer Metastasis via Inhibiting AKT Pathway. Frontiers in pharmacology, 11, 01228.

Li BL, et al. (2020) Prognostic significance of immune landscape in tumour microenvironment of endometrial cancer. Journal of cellular and molecular medicine, 24(14), 7767.

Zhao XC, et al. (2020) Systematic identification of CDC34 that functions to stabilize EGFR and promote lung carcinogenesis. EBioMedicine, 53, 102689.

Othoum G, et al. (2020) Pan-cancer proteogenomic analysis reveals long and circular noncoding RNAs encoding peptides. NAR cancer, 2(3), zcaa015.

Movassagh M, et al. (2019) Sensitive detection of EBV microRNAs across cancer spectrum reveals association with decreased survival in adult acute myelocytic leukemia. Scientific reports, 9(1), 20321.

Chew GL, et al. (2019) DUX4 Suppresses MHC Class I to Promote Cancer Immune Evasion and Resistance to Checkpoint Blockade. Developmental cell, 50(5), 658.

Gong X, et al. (2019) miR-22 Regulates Invasion, Gene Expression and Predicts Overall Survival in Patients with Clear Cell Renal Cell Carcinoma. Kidney cancer (Clifton, Va.), 3(2), 119.

Saad MA, et al. (2019) Identification and characterization of dysregulated P-element induced wimpy testis-interacting RNAs in head and neck squamous cell carcinoma. Oncology letters, 17(3), 2615.

Ma G, et al. (2019) Mining and validating the expression pattern and prognostic value of acetylcholine receptors in non-small cell lung cancer. Medicine, 98(20), e15555.

Chang TC, et al. (2019) Investigation of somatic single nucleotide variations in human endogenous retrovirus elements and their potential association with cancer. PloS one, 14(4), e0213770.