Resource Summary Report

Generated by <u>NIF</u> on May 24, 2025

FireBrowse

RRID:SCR_026320 Type: Tool

Proper Citation

FireBrowse (RRID:SCR_026320)

Resource Information

URL: http://firebrowse.org/

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Description: Portal provides access to cancer genomic data from variety of analyses: clinical, copy number, miR, miRseq, mRNA, mRNAseq, mutation and pathway analyses. Provides comprehensive suite of interdependent analyses of those data, including: correlations, clustering, and GISTIC and MutSigCV. Companion portal to the Broad Institute GDAC Firehose analysis pipeline, and was developed to cull and analyze data generated by The Cancer Genome Atlas (TCGA), which characterizes and identifies genomic patterns in human cancer models.

Resource Type: portal, topical portal, data or information resource, disease-related portal

Keywords: cancer genomics data, clinical annotations, DNA copy number, miR, miRseq, mRNA, mRNAseq, analyze data,

Related Condition: cancer

Funding:

Availability: Free, Freely available,

Resource Name: FireBrowse

Resource ID: SCR_026320

Alternate URLs: http://firebrowse.org/tutorial/FireBrowse-Tutorial.pdf,

Record Creation Time: 20250122T053336+0000

Record Last Update: 20250524T061229+0000

Ratings and Alerts

No rating or validation information has been found for FireBrowse.

No alerts have been found for FireBrowse.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Szmyd R, et al. (2025) Homologous recombination promotes non-immunogenic mitotic cell death upon DNA damage. Nature cell biology, 27(1), 59.

Melero I, et al. (2025) Neutralizing GDF-15 can overcome anti-PD-1 and anti-PD-L1 resistance in solid tumours. Nature, 637(8048), 1218.

Elhinnawi MA, et al. (2025) GPNMB is a novel binding partner of FGFR1 that affects tumorigenic potential through AKT phosphorylation in TNBC. Cancer science, 116(2), 432.

Dao B, et al. (2025) Crosstalk between genomic variants and DNA methylation in FLT3 mutant acute myeloid leukemia. Briefings in functional genomics, 24.

Duca M, et al. (2025) Transcription factor FOXD1 and miRNA-204-5p play a major role in B4GALNT2 downregulation in colon cancer. Scientific reports, 15(1), 1821.

Yamaguchi K, et al. (2025) PLASMA: Partial LeAst Squares for Multiomics Analysis. Cancers, 17(2).