

Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

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

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

Related Condition: cancer

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: 20260905T133518+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 131 mentions in open access literature.

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

Brookes K, et al. (2026) Disulfiram metabolite Cu(DDC)₂ enhances radionuclide uptake in vivo revealing insights into tumoural ablation resistance. *EBioMedicine*, 125, 106165.

Tagore S, et al. (2026) Pan-cancer inference and validation of hypermorphic, hypomorphic and neomorphic mutations. *Nature genetics*, 58(2), 329.

Page PM, et al. (2026) Kidney-specific HIF-1 α -dependent ARL10/miR-1271-5p overexpression in clear cell renal cell carcinoma. *British journal of cancer*, 135(2), 189.

Nikezi A, et al. (2026) Bioinformatics Analysis of microRNAs Associated with Metastatic Potential in Breast Cancer. *Biology*, 15(8).

Gallo A, et al. (2026) A gene-expression signature defines a subtype of Stomach Adenocarcinomas with low levels of Claudins and a high ratio of NF-YA long/NF-YA short splicing variants. *Gastric cancer : official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association*, 29(1), 132.

Liu Y, et al. (2026) Mitofusin-2 suppresses tumor immune escape through EGFR/STAT3-mediated PD-L1 transcription. *Cell death & disease*, 17(1).

Takahashi H, et al. (2026) Cancer-Associated Fibroblast Heterogeneity Shapes Prognosis and Immune Landscapes in Head and Neck Squamous Cell Carcinoma. *Cancers*, 18(2).

Yu F, et al. (2026) Tumor-associated macrophages promote chemoresistance to Paclitaxel via activating NOTCH2-JAG1 juxtacrine signaling. *Molecular cancer*, 25(1).

Jung D, et al. (2026) Systematic discovery of immunomodulatory plant-derived nanoparticles reveals RNA-mediated macrophage reprogramming. *Bioactive materials*, 66, 19.

Frädrich J, et al. (2026) Multimodal profiling of pancreatic cancer reveals a TIMP-1-dominated secretory profile determining pro-tumor immunoinstruction in human cancers. *Cell reports. Medicine*, 7(1), 102546.

Ortega-Álvarez D, et al. (2026) Discovery and Evaluation of Biomarkers for Triple-Negative Breast Cancer Subtypes Uncovers Patient Stratification and Targeted

Therapeutic Strategies. Cancer research, 86(10), 2360.

Yan P, et al. (2026) Aging-associated differences in mammary tumor-initiating populations and immune evasion pathways in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 123(8), e2523254123.

Pop Crisan A, et al. (2026) Molecular Signatures and Network Alterations Underlying GBM Progression and Recurrence. Medicina (Kaunas, Lithuania), 62(2).

Zhang D, et al. (2026) Systematic analyses to explore kinase gene set-based signature in glioma, in which WEE1 contributes to tumor progression. Discover oncology, 17(1).

Rajaratnam S, et al. (2026) DHODH links mitochondrial bioenergetics, one-carbon metabolism, and DNA repair to sustain aggressive prostate adenocarcinoma. Cell communication and signaling : CCS, 24(1).

Jeong M, et al. (2026) Mitochondrial AK3 inhibits nuclear β -catenin localization and its activation through enhancing mitochondrial activity. Cell death & disease, 17(1).

Peng S, et al. (2026) RNA-binding protein DAZAP1 promotes gastric cancer metastasis by enhancing NOTCH1 and JAG1 mRNA stability. International journal of oncology, 68(5).

Chu YY, et al. (2026) CCAAT/enhancer-binding protein delta regulates miRs-4257 and 3156 to attenuate the interleukin 12 through small extracellular vesicle transmission in glioblastoma. Cancer cell international, 26(1).

Downs BM, et al. (2026) An unbiased approach to measure aberrant DNA methylation alterations. Nature communications, 17(1).

Ribas HT, et al. (2026) Lipid metabolism as a marker for glioma aggressiveness. Bioscience reports, 46(6).