

Resource Summary Report

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Broad Institute GDAC Firehose

RRID:SCR_026267

Type: Tool

Proper Citation

Broad Institute GDAC Firehose (RRID:SCR_026267)

Resource Information

URL: <https://gdac.broadinstitute.org/>

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Description: Born of the desire to systematize analyses from The Cancer Genome Atlas pilot and scale their execution to the dozens of remaining diseases to be studied, GDAC Firehose now sits atop terabytes of analysis-ready TCGA data and reliably executes thousands of pipelines per month.

Resource Type: portal, topical portal, data or information resource

Keywords: systematize analyses from The Cancer Genome Atlas pilot, GDAC Firehose, analysis-ready TCGA data,

Availability: Free, Freely available

Resource Name: Broad Institute GDAC Firehose

Resource ID: SCR_026267

Record Creation Time: 20250110T053324+0000

Record Last Update: 20260819T044618+0000

Ratings and Alerts

No rating or validation information has been found for Broad Institute GDAC Firehose.

No alerts have been found for Broad Institute GDAC Firehose.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 244 mentions in open access literature.

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

Li S, et al. (2026) PRECISE: A Prognostic Thyrocyte-Derived Gene Signature for Papillary Thyroid Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(13), 2667.

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).

Li S, et al. (2026) Unveiling Alternative Splicing in HPV-Negative HNSCC: Links to Tumorigenesis and Immune Landscape. International dental journal, 76(1), 103857.

Hammami MB, et al. (2026) Whole-proteome phage immunoprecipitation sequencing reveals germ cell tumor-specific immunosignature. Nature communications, 17(1).

Wu X, et al. (2026) Loss of UFL1 confers enzalutamide resistance of prostate tumors by regulating METTL16-mediated m6A modification of EEF1A1 mRNA. International journal of biological sciences, 22(3), 1306.

Asa TA, et al. (2026) Unraveling risk factors and transcriptomic signatures in liver cancer progression and mortality through machine learning and bioinformatics. Briefings in functional genomics, 25.

Song Z, et al. (2026) Chronic inflammation promotes gastric cancer progression via ADAM10-mediated cleavage of CX3CL1. Scientific reports, 16(1).

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

Yang T, et al. (2026) MOTGNN: Interpretable Graph Neural Networks for Multi-Omics Disease Classification. ArXiv.

Li D, et al. (2026) SNRPD2-dependency Fuels an Oncogenic Alternative Splicing Repertoire Driving Disease Aggressiveness in Glioma. Cancer genomics & proteomics, 23(2), 169.

Chen F, et al. (2026) Global impact of germline structural variation on the cancer proteome. Nature communications, 17(1).

Yao AG, et al. (2026) Female sex is associated with worse survival in laryngeal head and neck squamous cell carcinoma. The oncologist, 31(6).

Yang T, et al. (2026) TF-DWGNet: a directed weighted graph neural network with tensor fusion for multi-omics cancer subtype classification. NAR genomics and bioinformatics, 8(2), lqag054.

Mishra BH, et al. (2026) Multi-Omic Biclustor Association Analysis (MOBAA)-a tool for identifying population subgroups with distinct multi-omics molecular profiles. *Bioinformatics advances*, 6(1), vbag156.

Pang M, et al. (2026) CpG Methylation-Driven Pleiotropic Spliced Isoforms of PRSS3 Facilitate Gastric Intratumor Heterogeneity and Metastasis. *Cancer science*, 117(1), 33.

Zhan Q, et al. (2026) Multi-omics characterization of RNA modification enzymes identifies NAT10 as a functionally validated prognostic biomarker in hepatocellular carcinoma. *Frontiers in immunology*, 17, 1764106.

Walker C, et al. (2026) Tumour specific HORMAD1 expression perturbs mitotic arrest and drives sensitivity to mitotic kinase inhibitors. *Nature communications*, 17(1).

Leguay K, et al. (2026) TBXA2R activates ERMs to drive motility, invasion, and metastatic colonization of TNBC cells. *Life science alliance*, 9(6).

Szabova L, et al. (2026) High-grade serous ovarian cancer induced in different sites of origin in mice exemplifies diverse features of the human disease. *iScience*, 29(1), 114238.

Kang SB, et al. (2026) Enhancing cancer killing and natural killer cell persistence by targeting NOXA, a predictor of poor patient survival. *Molecular therapy. Oncology*, 34(1), 201152.