

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

## Broad Institute GDAC Firehose

RRID:SCR\_026267

Type: Tool

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### Proper Citation

Broad Institute GDAC Firehose (RRID:SCR\_026267)

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### Resource Information

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

**Proper Citation:** Broad Institute GDAC Firehose (RRID:SCR\_026267)

**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:** data or information resource, portal, topical portal

**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:** 20260912T200501+0000

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### 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.

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### 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 [SPARC SAWG](#) .

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.

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.

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

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

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.

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

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.

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

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.

Katsnelson L, et al. (2026) Specific Aneuploidies Predict Immune Evasion and Poor Immunotherapy Response in Melanoma. *bioRxiv : the preprint server for biology*.

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.

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

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