

Resource Summary Report

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[cBioPortal](#)

RRID:SCR_014555

Type: Tool

Proper Citation

cBioPortal (RRID:SCR_014555)

Resource Information

URL: <http://www.cbioportal.org/>

Proper Citation: cBioPortal (RRID:SCR_014555)

Description: A portal that provides visualization, analysis and download of large-scale cancer genomics data sets.

Synonyms: cBioPortal for Cancer Genomics

Resource Type: portal, database, data or information resource

Defining Citation: [PMID:23550210](#), [PMID:22588877](#)

Keywords: cancer, genomics, database, portal, data sets, FASEB list

Funding: NCI U24CA143840;
NCRR RR031228-02

Availability: Please cite, Software is available via GitHub, Open source

Resource Name: cBioPortal

Resource ID: SCR_014555

Alternate URLs: <https://github.com/cBioPortal/cbioportal/>
<https://github.com/cBioPortal/cbioportal/blob/master/docs/README.md>

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Record Creation Time: 20220129T080321+0000

Record Last Update: 20260805T044327+0000

Ratings and Alerts

No rating or validation information has been found for cBioPortal.

No alerts have been found for cBioPortal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8539 mentions in open access literature.

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

Mogi M, et al. (2026) Pan-cancer analysis of RNA expression signatures associated with cancer tissue architecture. *British journal of cancer*, 134(1), 141.

Chang LJ, et al. (2026) Assessment of Circulating Tumor DNA for Early Detection of Hepatocellular Carcinoma in Alpha-Fetoprotein-Negative Patients With Cirrhotic Nodules. *JGH open : an open access journal of gastroenterology and hepatology*, 10(1), e70331.

Al-Mathkour MM, et al. (2026) The YAP1 and EPHA3 receptor tyrosine kinase axis regulates cellular plasticity and treatment response. *Cellular signalling*, 141, 112368.

Burn TN, et al. (2026) Antigen reactivity defines tissue-resident memory and exhausted T cells in tumors. *Nature immunology*, 27(1), 98.

Zhao M, et al. (2026) The Roles of TOPK in Tumorigenesis and Development: Structure, Mechanisms, Pathways, and Therapeutic Implications. *International journal of biological sciences*, 22(1), 327.

Li JJ, et al. (2026) NSD2 targeting reverses plasticity and drug resistance in prostate cancer. *Nature*, 649(8095), 216.

Mansour M, et al. (2026) Molecular Signature of Cisplatin Resistance in Ovarian Cancer Identifies Therapeutic Opportunities for Re-sensitization. *Journal of Cancer*, 17(1), 49.

Ye B, et al. (2026) The value of DNA repair gene and TP53 co-mutation in predicting the response of non-small cell lung cancer to immunotherapy. *Discover oncology*, 17(1), 7.

Li H, et al. (2026) Novel NOTCH2-NTRK1 fusion confers osimertinib resistance in EGFR-mutant non-small cell lung cancer by interacting with EGFR. *Translational oncology*, 63, 102577.

Luan R, et al. (2026) Pan-cancer multi-omics reveals DCAF7 as an immune-modulating prognostic driver and Wnt/ β -catenin activator in hepatocellular carcinoma. *Clinical and translational medicine*, 16(1), e70572.

Li F, et al. (2026) CHAMP1 complex promotes heterochromatin assembly and reduces replication stress. *Proceedings of the National Academy of Sciences of the United States*

of America, 123(1), e2525144122.

Yang YF, et al. (2026) Integrative analysis identifies PIGK as an oncogenic glycosylphosphatidylinositol transamidase subunit with prognostic, immunological, and therapeutic relevance in head and neck cancer. *International journal of medical sciences*, 23(1), 161.

Perner F, et al. (2026) Targeting the Menin-KMT2A interaction in leukemia: Lessons learned and future directions. *International journal of cancer*, 158(2), 342.

Minchaca AZ, et al. (2026) Surface Proteomic Analysis Reveals the Presence of Noncanonical Cell Membrane Endoplasmic Reticulum Chaperones in High-Grade Gliomas. *Journal of proteome research*, 25(1), 169.

Lv L, et al. (2026) Zinc finger protein 514 promotes esophageal cancer progression by enhancing cell proliferation, migration and invasion. *Molecular medicine reports*, 33(1).

Lim KHJ, et al. (2026) Cross-presentation of dead cell-associated antigens shapes the neoantigenic landscape of tumor immunity. *Nature immunology*, 27(1), 72.

Ma WH, et al. (2026) Targeting PTPN13 with 11-amino-acid peptides of C-terminal APC prevents immune evasion of colorectal cancer. *Cell research*, 36(1), 72.

Smorodinsky-Atias K, et al. (2026) On the same side: VISTA and its ligands interact in cis on the cell surface. *Protein science : a publication of the Protein Society*, 35(1), e70415.

Matsunuma R, et al. (2026) CD44 knockdown and TGF β inhibition modulate cell proliferation and invasion in claudin-low breast cancer cells. *Oncology reports*, 55(1).

Dorstyn L, et al. (2026) Caspase-2 deficiency drives pathogenic liver polyploidy and increases age-associated hepatocellular carcinoma in mice. *Science advances*, 12(1), eaeb2571.