

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: database, data or information resource, portal

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>

License: GNU Affero General Public License version 3

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260803T040657+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 [ASWG](#) .

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.

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.

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.

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

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

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 β 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.