

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 3, 2026

Connectivity Map 02

RRID:SCR_015674

Type: Tool

Proper Citation

Connectivity Map 02 (RRID:SCR_015674)

Resource Information

URL: <https://portals.broadinstitute.org/cmap/>

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Description: Collection of genome-wide transcriptional expression data from cultured human cells treated with bioactive small molecules and simple pattern-matching algorithms. camp aims to enable the discovery of functional connections between drugs, genes and diseases through the transitory feature of common gene-expression changes. THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: cmap

Synonyms: Broad Institute Connectivity Map 02 Build, cmap

Resource Type: web application, database, data or information resource, software resource

Defining Citation: [PMID:17008526](#)

Keywords: transcription, expression, gene, drug, disease pattern-matching algorithm, FASEB list

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Connectivity Map 02

Resource ID: SCR_015674

Old URLs: https://www.broadinstitute.org/cmap_build01

License URLs: https://portals.broadinstitute.org/cmap/terms_and_conditions.jsp

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260803T040700+0000

Ratings and Alerts

No rating or validation information has been found for Connectivity Map 02.

No alerts have been found for Connectivity Map 02.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 180 mentions in open access literature.

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

Pereira-Martins DA, et al. (2026) ??Np73 isoform defines a TP53-mutant-like poor-risk subgroup of acute myeloid leukemia. Cell reports. Medicine, 102540.

Liang J, et al. (2025) Identification of isoliquiritigenin as a promising compound targeting lactate metabolism for heart failure alleviation. Scientific reports, 15(1), 35378.

Ji G, et al. (2025) Single-cell RNA sequencing and multi-omics analysis of prognosis-related staging in papillary thyroid cancer. Cancer immunology, immunotherapy : CII, 74(8), 267.

He W, et al. (2025) Comprehensive analysis of the leukocyte immunoglobulin-like receptor family in clear cell renal cell carcinoma. Annals of medicine, 57(1), 2546684.

Zhu Y, et al. (2025) NIPAL1 as a prognostic biomarker associated with pancreatic adenocarcinoma progression and immune infiltration. BMC cancer, 25(1), 165.

Zhang H, et al. (2025) Repurposing the memory-promoting meclofenoxate hydrochloride as a treatment for Parkinson's disease through integrative multi-omics analysis. NPJ Parkinson's disease, 11(1), 167.

Zhang W, et al. (2025) Uncovering a fibroblast differentiation-based keloid classification by integration of single-cell and bulk RNA sequencing. Communications biology, 8(1), 1387.

Dey S, et al. (2025) Repurposing of CNS accumulating drugs Gemfibrozil and Doxylamine for enhanced sensitization of glioblastoma cells through modulation of autophagy. Scientific reports, 15(1), 20560.

Sun X, et al. (2025) Identification of plasma cell infiltration-related gene signatures as a novel prognostic model for clear cell renal cell carcinoma. Clinical and experimental medicine, 25(1), 365.

Amarilla-Quintana S, et al. (2025) CRISPR targeting of FOXL2 c.402C>G mutation reduces malignant phenotype in granulosa tumor cells and identifies anti-tumoral compounds. Molecular oncology, 19(4), 1092.

Liu Y, et al. (2025) Construction and validation of renal cell carcinoma tumor cell differentiation-related prognostic classification (RCC-TCDC): an integrated bioinformatic analysis and clinical study. *Annals of medicine*, 57(1), 2490830.

Lu B, et al. (2025) Construction of a prostate adenocarcinoma molecular classification: integrating spatial transcriptomics with retrospective cohort validation. *Journal of translational medicine*, 23(1), 717.

Sun H, et al. (2024) Multi-omics analysis-based macrophage differentiation-associated papillary thyroid cancer patient classifier. *Translational oncology*, 43, 101889.

Cai T, et al. (2024) Deciphering the prognostic features of bladder cancer through gemcitabine resistance and immune-related gene analysis and identifying potential small molecular drug PIK-75. *Cancer cell international*, 24(1), 125.

Huang Y, et al. (2024) DrugRepoBank: a comprehensive database and discovery platform for accelerating drug repositioning. *Database : the journal of biological databases and curation*, 2024.

Yan Q, et al. (2024) Bronchial epithelial transcriptomics and experimental validation reveal asthma severity-related neutrophilic signatures and potential treatments. *Communications biology*, 7(1), 181.

Hong H, et al. (2024) Pyroptosis-related lncRNAs are potential biomarkers for predicting prognoses and immune landscapes in patients with gastric adenocarcinoma. *Discover oncology*, 15(1), 684.

Xiang L, et al. (2024) Oxyresveratrol as a novel ferroptosis inducer exhibits anticancer activity against breast cancer via the EGFR/PI3K/AKT/GPX4 signalling axis. *Frontiers in pharmacology*, 15, 1527286.

You X, et al. (2024) Identification of key genes and immune infiltration in osteoarthritis through analysis of zinc metabolism-related genes. *BMC musculoskeletal disorders*, 25(1), 227.

April-Monn SL, et al. (2024) Patient derived tumoroids of high grade neuroendocrine neoplasms for more personalized therapies. *NPJ precision oncology*, 8(1), 59.