

Resource Summary Report

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Spatial DB

RRID:SCR_026135

Type: Tool

Proper Citation

Spatial DB (RRID:SCR_026135)

Resource Information

URL: <http://spatialomics.org/SpatialDB/>

Proper Citation: Spatial DB (RRID:SCR_026135)

Description: Database for spatially resolved transcriptomes. Provides curated spatially resolved transcriptomic data from published papers, aiming to provide comprehensive and accurate resource of spatial gene expression profiles in tissues. Allows users to browse spatial gene expression profile and compare spatial gene expression profile of any two datasets generated by same or different techniques side by side.

Resource Type: data or information resource, database

Defining Citation: [PMID:31713629](#)

Keywords: Spatially resolved transcriptomics, gene expression profiles, positional information, disease pathology, spatial gene expression profiles in tissues, curated data,

Funding: National Natural Science Foundation of China

Availability: Free, Freely available

Resource Name: Spatial DB

Resource ID: SCR_026135

Record Creation Time: 20241206T053307+0000

Record Last Update: 20260904T001040+0000

Ratings and Alerts

No rating or validation information has been found for Spatial DB.

No alerts have been found for Spatial DB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Fu G, et al. (2026) CHD4 epigenetically coordinates genomic instability and immunosuppression to drive pan-cancer progression and confer HDAC inhibitor sensitivity. *Clinical and experimental medicine*, 26(1), 150.

Han Y, et al. (2026) Exploring the Role of GGA2 in Cancer Progression: Pan-Cancer Bioinformatics and Experimental Validation in Prostate Cancer. *International journal of molecular sciences*, 27(6).

Xu X, et al. (2025) Ras and Rab interactor 3 as a prognostic biomarker and its impact on immune cell infiltration in cancer. *Scientific reports*, 15(1), 30446.

Chen X, et al. (2025) Integrated multi-omics reveal lactate metabolism-related gene signatures and PYGL in predicting HNSCC prognosis and immunotherapy efficacy. *BMC cancer*, 25(1), 773.

Yang C, et al. (2025) stSNV: a comprehensive resource of SNVs in spatial transcriptome. *Nucleic acids research*, 53(D1), D1224.

Zhu J, et al. (2025) RAB5B: explore its carcinogenic potential and understand its role, prognostic value and biological significance in pan-cancer. *Frontiers in immunology*, 16, 1619733.

Mugahid D, et al. (2024) A practical guide to FAIR data management in the age of multi-OMICS and AI. *Frontiers in immunology*, 15, 1439434.

Zeng L, et al. (2024) High-resolution transcriptomics analysis of CXCL13+ EPSTI1+ CDK1+ cells with a specific focus on lung adenocarcinoma. *Journal of thoracic disease*, 16(1), 201.

Kuai X, et al. (2024) The Potential Value of RPS27A in Prognosis and Immunotherapy: From Pan-Cancer Analysis to Hepatocellular Carcinoma Validation. *ImmunoTargets and therapy*, 13, 673.

Yu X, et al. (2024) DDIT3 is associated with breast cancer prognosis and immune microenvironment: an integrative bioinformatic and immunohistochemical analysis. *Journal of Cancer*, 15(12), 3873.

Guo Y, et al. (2023) Identification of CHMP7 as a promising immunobiomarker for immunotherapy and chemotherapy and impact on prognosis of colorectal cancer patients. *Frontiers in cell and developmental biology*, 11, 1211843.

Li K, et al. (2022) Computational elucidation of spatial gene expression variation from spatially resolved transcriptomics data. *Molecular therapy. Nucleic acids*, 27, 404.

Zhang K, et al. (2022) Identification of spatially variable genes with graph cuts. *Nature communications*, 13(1), 5488.

Zhang D, et al. (2022) Comprehensive Analysis of the Expression and Prognostic Value of LMAN2 in HER2+ Breast Cancer. *Journal of immunology research*, 2022, 7623654.

Liang X, et al. (2022) JMJD8 Is an M2 Macrophage Biomarker, and It Associates With DNA Damage Repair to Facilitate Stemness Maintenance, Chemoresistance, and Immunosuppression in Pan-Cancer. *Frontiers in immunology*, 13, 875786.

Zheng B, et al. (2022) Spatially resolved transcriptomics provide a new method for cancer research. *Journal of experimental & clinical cancer research : CR*, 41(1), 179.