

Resource Summary Report

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CellMarker

RRID:SCR_018503

Type: Tool

Proper Citation

CellMarker (RRID:SCR_018503)

Resource Information

URL: <http://biocc.hrbmu.edu.cn/CellMarker/>

Proper Citation: CellMarker (RRID:SCR_018503)

Description: Database provides cell markers for various cell types in tissues of human and mouse. Manually curated resource of cell markers in human and mouse. Provides user-friendly interface for browsing, searching and downloading markers of diverse cell types of different tissues. Summarized marker prevalence in each cell type is graphically presented., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: database, data or information resource, service resource

Defining Citation: [PMID:30289549](#)

Keywords: Cell marker, cell type, tissue, graphical presentation, searching data, downloading data, marker, FASEB list

Funding: National High Technology Research and Development Program of China ;
National Natural Science Foundation of China ;
China Postdoctoral Science Foundation

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CellMarker

Resource ID: SCR_018503

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260803T040749+0000

Ratings and Alerts

No rating or validation information has been found for CellMarker.

No alerts have been found for CellMarker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 485 mentions in open access literature.

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

Yu N, et al. (2026) Changes in border-associated macrophages after stroke: Single-cell sequencing analysis. *Neural regeneration research*, 21(1), 346.

Ali M, et al. (2025) Temporal transcriptomic changes in the THY-Tau22 mouse model of tauopathy display cell type- and sex-specific differences. *Acta neuropathologica communications*, 13(1), 93.

Huang J, et al. (2025) MICA+ Tumor Cells Modulate Macrophage Phenotype and Function via PPAR/EHHADH-Mediated Fatty Acid Metabolism in Hepatocellular Carcinoma (HCC). *Cancers*, 17(14).

Le Bars S, et al. (2025) Single-Cell Cortical Transcriptomics Reveals Common and Distinct Changes in Cell-Cell Communication in Alzheimer's and Parkinson's Disease. *Molecular neurobiology*, 62(3), 2655.

Cui J, et al. (2025) Single-cell sequencing reveals cell heterogeneity and aberrantly activated pathways associated with microvascular invasion in hepatocellular carcinoma. *Frontiers in cell and developmental biology*, 13, 1449624.

Gao C, et al. (2025) Regulation of reactive oxygen species and the role of mitochondrial apoptotic-related genes in rheumatoid arthritis. *Scientific reports*, 15(1), 2165.

Chen L, et al. (2025) Tumor-colonizing *Lachnoclostridium*-mediated chemokine expression enhances the immune infiltration of bladder urothelial carcinoma. *Cancer immunology, immunotherapy : CII*, 74(2), 62.

Tracey LJ, et al. (2025) Functional and molecular single-cell analyses implicate PRDM14 in the initiation of B cell leukemia in mice. *Scientific reports*, 15(1), 8827.

Tang S, et al. (2025) A comparative genomic study across 396 liver biopsies provides deep insight into FGF21 mode of action as a therapeutic agent in metabolic dysfunction-associated steatotic liver disease. *Clinical and translational medicine*, 15(2), e70218.

Ling XH, et al. (2025) Integration of Single-Cell RNA Sequencing Data and Bulk Sequencing Data to Characterise the CD8+ T-Cell Exhaustion Mediated Immune Microenvironment in CRC. *Journal of cellular and molecular medicine*, 29(9), e70556.

Li H, et al. (2025) Neuron-like macrophage differentiation via the APOE-TREM2 axis contributes to chronic pain in nasopharyngeal carcinoma. *Cell biology and toxicology*, 41(1), 86.

Huang LJ, et al. (2025) GSDMD is a novel predictive biomarker for immunotherapy response: in the pan-cancer and single cell landscapes. *Frontiers in immunology*, 16, 1570901.

Liu H, et al. (2025) Unveiling fatty acid subtypes: immunometabolic interplay and therapeutic opportunities in gastric cancer. *Frontiers in oncology*, 15, 1570873.

Mokaram Doust Delkhah A, et al. (2025) Integrated transcriptomics of multiple sclerosis peripheral blood mononuclear cells explored potential biomarkers for the disease. *Biochemistry and biophysics reports*, 42, 102022.

Tang Q, et al. (2025) Comprehensive Analyses of Single-Cell and Bulk RNA Sequencing Data From M2 Macrophages to Elucidate the Immune Prognostic Signature in Patients with Gastric Cancer Peritoneal Metastasis. *ImmunoTargets and therapy*, 14, 383.

Guo J, et al. (2025) Putative function and prognostic molecular marker of mast cells in colorectal cancer. *BMC medical genomics*, 18(1), 65.

Ding S, et al. (2025) Exploring T-cell metabolism in tuberculosis: development of a diagnostic model using metabolic genes. *European journal of medical research*, 30(1), 483.

Li Y, et al. (2025) Decoding Cellular Landscapes: Unravelling Periodontitis and Periapical Periodontitis at the Single-Cell Frontier. *International dental journal*, 75(4), 100851.

Sha M, et al. (2025) Integrated single-cell and bulk RNA sequencing to identify and validate prognostic genes related to T Cell senescence in acute myeloid leukemia. *Frontiers in bioinformatics*, 5, 1606284.

Qi Y, et al. (2025) Transcriptome combined single-cell sequencing explores molecular mechanisms of ANGPTL4 in sepsis-induced acute lung injury. *PloS one*, 20(7), e0328551.