

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 30, 2026

[ImmuCellAI](#)

RRID:SCR_027645

Type: Tool

Proper Citation

ImmuCellAI (RRID:SCR_027645)

Resource Information

URL: <https://guolab.wchscu.cn/ImmuCellAI/#!/>

Proper Citation: ImmuCellAI (RRID:SCR_027645)

Description: Software tool for comprehensive T???Cell subsets abundance prediction and its application in cancer immunotherapy.

Synonyms: Immune Cell Abundance Identifier

Resource Type: software application, software resource, source code

Defining Citation: [PMID:32274301](#)

Keywords: Cell subsets abundance prediction, predicting immunotherapy response, cancer immunotherapy estimate, immune cells, gene expression dataset,

Funding: National Natural Science Foundation of China

Availability: Free, Available for download, Freely available

Resource Name: ImmuCellAI

Resource ID: SCR_027645

Alternate URLs: <https://github.com/lydiaMyr/ImmuCellAI>

Record Creation Time: 20251111T060300+0000

Record Last Update: 20260829T183525+0000

Ratings and Alerts

No rating or validation information has been found for ImmuCellAI.

No alerts have been found for ImmuCellAI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Li F, et al. (2026) CD109 is associated with an immunosuppressive microenvironment and M2 macrophage polarization: pan-cancer analysis and functional validation. BMC cancer, 26(1).

Huang R, et al. (2026) Connective tissue profiling in keratinized and non-keratinized oral mucosa reveals distinct extracellular and intracellular features. Frontiers in cell and developmental biology, 14, 1815527.

Sondermann JR, et al. (2026) Proximity Labelling Reveals the Compartmental Proteome of Murine Sensory Neurons. European journal of pain (London, England), 30(5), e70277.

Liang T, et al. (2026) Synovial transcriptome analysis reveals ShenTong ZhuYu Tang alleviates osteoarthritis by targeting MMP-9 and immune microenvironment. Journal of orthopaedic surgery and research, 21(1), 113.

Cheng Y, et al. (2026) JAK inhibitors alleviate EGFR-inhibitor-induced diarrhea by protecting intestinal stem cells from adaptive-immune-exacerbated injury. Nature communications, 17(1).

Mei W, et al. (2025) Different metabolic paradigms and distribution of regulatory T cells between primary and lymph node metastasis prostate cancer. CytoJournal, 22, 80.

Donisi C, et al. (2024) Immunotherapy and Cancer: The Multi-Omics Perspective. International journal of molecular sciences, 25(6).

Xue Y, et al. (2024) The lncRNA GAS5 upregulates ANXA2 to mediate the macrophage inflammatory response during atherosclerosis development. Heliyon, 10(2), e24103.

Bergsland CH, et al. (2022) Spatial analysis and CD25-expression identify regulatory T cells as predictors of a poor prognosis in colorectal cancer. Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc, 35(9), 1236.

Zhang C, et al. (2022) A Long-Term Clearing Cranial Window for Longitudinal Imaging of Cortical and Calvarial Ischemic Injury through the Intact Skull. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(17), e2105893.

Zou HX, et al. (2021) Role of ferroptosis-related genes in Stanford type a aortic dissection and identification of key genes: new insights from bioinformatic analysis. Bioengineered, 12(2), 9976.

Yu C, et al. (2021) A five-gene signature is a prognostic biomarker in pan-cancer and related with immunologically associated extracellular matrix. *Cancer medicine*, 10(13), 4629.