

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

MCMICRO

RRID:SCR_022832

Type: Tool

Proper Citation

MCMICRO (RRID:SCR_022832)

Resource Information

URL: <https://mcmicro.org>

Proper Citation: MCMICRO (RRID:SCR_022832)

Description: Software tool as scalable, modular image processing pipeline for multiplexed tissue imaging. Transforms multi channel whole slide images into single cell data.

Synonyms: Multiple Choice MICROscopy, mcmicro.org

Resource Type: software toolkit, software resource

Defining Citation: [PMID:34824477](#)

Keywords: multiplexed tissue imaging, image processing pipeline, transform multi channel whole slide images into single cell data

Funding: NCI U54 CA225088;
NCI U2C CA233262;
Ludwig Cancer Center at Harvard ;
Swiss National Science Foundation ;
Damon Runyon Cancer Research Foundation ;
NCI R50 CA252138;
NCI P30 CA06516;
NCI 1U01 CA224012;
NCI U2C CA233280;
NCI R01 CA223150;
NCI R01 CA226909;
NICHD R21 HD099367

Availability: Free, Available for download, Freely available

Resource Name: MCMICRO

Resource ID: SCR_022832

Alternate URLs: <https://github.com/labsyspharm/mcmicro>

License: MIT License

Record Creation Time: 20221006T194910+0000

Record Last Update: 20260729T044544+0000

Ratings and Alerts

No rating or validation information has been found for MCMICRO.

No alerts have been found for MCMICRO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Vallius T, et al. (2025) Spatial determinants of tumor cell dedifferentiation and plasticity in primary cutaneous melanoma. bioRxiv : the preprint server for biology.

Williams JB, et al. (2025) Regulatory T cells inhibit CD8+ TRM-like cells during the early stages of tumor immune escape. bioRxiv : the preprint server for biology.

Shi Y, et al. (2025) Mechanisms of tumor persistence in metastatic melanoma following successful immunotherapy. bioRxiv : the preprint server for biology.

Hsu J, et al. (2024) Protocol for iterative indirect immunofluorescence imaging in cultured cells, tissue sections, and metaphase chromosome spreads. STAR protocols, 5(3), 103190.