

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Cellpose

RRID:SCR_022332

Type: Tool

Proper Citation

Cellpose (RRID:SCR_022332)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/cellpose/>

Proper Citation: Cellpose (RRID:SCR_022332)

Description: Software tool as generalist algorithm for cell and nucleus segmentation.

Resource Type: data processing software, segmentation software, software resource, image analysis software, software application

Defining Citation: [DOI:10.1038/s41592-020-01018-x](https://doi.org/10.1038/s41592-020-01018-x)

Keywords: OpenBehavior, Data Analysis, cell and nucleus segmentation

Resource Name: Cellpose

Resource ID: SCR_022332

Alternate URLs: <https://github.com/mouseland/cellpose>

License: GNU GPL

Record Creation Time: 20220602T050139+0000

Record Last Update: 20260731T043123+0000

Ratings and Alerts

No rating or validation information has been found for Cellpose.

No alerts have been found for Cellpose.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Eling N, et al. (2025) Multi-modal image analysis for large-scale cancer tissue studies within IMMUcan. Cell reports methods, 5(9), 101170.

Z??hringer A, et al. (2025) Alstain: Enhancing microglial phagocytosis analysis through deep learning. Cell reports methods, 5(11), 101207.

Gorzek R, et al. (2025) Comparative transcriptomics reveals shifts in cortical architecture at the metatherian/eutherian transition. bioRxiv : the preprint server for biology.

Yapp C, et al. (2025) Highly multiplexed 3D profiling of cell states and immune niches in human tumors. Nature methods, 22(10), 2180.

Villa T, et al. (2025) Chemical inhibition of exon junction complex assembly impairs mRNA localization and neural stem cells ciliogenesis. Nucleic acids research, 53(21).

Metzner K, et al. (2023) Imaging-based screening identifies modulators of the eIF3 translation initiation factor complex in Candida albicans. bioRxiv : the preprint server for biology.

Hino N, et al. (2022) A feedback loop between lamellipodial extension and HGF-ERK signaling specifies leader cells during collective cell migration. Developmental cell, 57(19), 2290.