

Resource Summary Report

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Allen Cell and Structure Segmenter

RRID:SCR_023398

Type: Tool

Proper Citation

Allen Cell and Structure Segmenter (RRID:SCR_023398)

Resource Information

URL: <https://www.allencell.org/segmenter.html>

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Description: Software Python toolkit developed at Allen Institute for Cell Science for 3D segmentation of intracellular structures in fluorescence microscope images. Used for segmenting 3D intracellular structures in fluorescence microscopy images.

Synonyms: , Segmenter, Allen Cell & Structure Segmenter, The Allen Cell and Structure Segmenter

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

Defining Citation: [DOI:10.1101/491035](https://doi.org/10.1101/491035)

Keywords: Cell Science, 3D segmentation, intracellular structures, fluorescence microscope images,

Availability: Free, Available for download, Freely available

Resource Name: Allen Cell and Structure Segmenter

Resource ID: SCR_023398

Alternate URLs: <https://github.com/AllenCell/aics-segmentation>,
<https://github.com/AllenCell/aics-ml-segmentation>,

License: 3-clause BSD

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Record Last Update: 20260808T190253+0000

Ratings and Alerts

No rating or validation information has been found for Allen Cell and Structure Segmenter.

No alerts have been found for Allen Cell and Structure Segmenter.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Jung F, et al. (2026) DMC-BrainMap is an open-source, end-to-end tool for multi-feature brain mapping in different species. Cell reports methods, 6(2), 101302.

Neal ML, et al. (2024) Automated, image-based quantification of peroxisome characteristics with perox-per-cell. Bioinformatics (Oxford, England), 40(7).