

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 15, 2025

Cytoseg

RRID:SCR_009553

Type: Tool

Proper Citation

Cytoseg (RRID:SCR_009553)

Resource Information

URL: <http://cytoseg.googlecode.com>

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Description: A tool for automatic segmentation of 3D biological datasets, with emphasis on 3D electron microscopy. It works best for 3D blob shaped objects like mitochondria, lysosomes, etc. The project is written in Python and uses the pythonxy platform (which includes scipy and ITK image processing tools).

Abbreviations: Cytoseg

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

Keywords: computational neuroscience, neuropil, 3d electron microscopy, electron microscopy

Funding:

Availability: GNU Lesser General Public License

Resource Name: Cytoseg

Resource ID: SCR_009553

Alternate IDs: nlx_155733

Alternate URLs: <http://www.nitrc.org/projects/cytoseg>

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250412T055426+0000

Ratings and Alerts

No rating or validation information has been found for Cytoseg.

No alerts have been found for Cytoseg.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Giuly RJ, et al. (2012) Method: automatic segmentation of mitochondria utilizing patch classification, contour pair classification, and automatically seeded level sets. BMC bioinformatics, 13, 29.