

# Resource Summary Report

Generated by T1D on Sep 5, 2026

## Cytoseg

RRID:SCR\_009553

Type: Tool

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### Proper Citation

Cytoseg (RRID:SCR\_009553)

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### Resource Information

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

**Proper Citation:** Cytoseg (RRID:SCR\_009553)

**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:** data processing software, image analysis software, segmentation software, software application, software resource

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

**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:** 20260903T235814+0000

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### Ratings and Alerts

No rating or validation information has been found for Cytoseg.

No alerts have been found for Cytoseg.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

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.