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# Membrane Tube Image Analysis

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1 Works for me

 Share[dx.doi.org/10.17504/protocols.io.5jyl891e9v2w/v1](https://dx.doi.org/10.17504/protocols.io.5jyl891e9v2w/v1) Liv Jensen

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## ABSTRACT

This protocol details Membrane Tube Image Analysis.

## ATTACHMENTS

[416-899.pdf](#)

## DOI

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## PROTOCOL CITATION

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## KEYWORDS

Membrane Tube Image Analysis, FIJI, ASAPCRN

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#### CREATED

May 03, 2022

#### LAST MODIFIED

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#### OWNERSHIP HISTORY

May 03, 2022  maria.s

May 25, 2022  Liv Jensen

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61852

#### MATERIALS TEXT

##### Materials:

- Image stack of multichannel confocal fluorescence images
- FIJI
- Tube enrichment quantification script (Python)

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## Membrane Tube Image Analysis

In FIJI, create new image stacks from two rectangular selections: one containing a section of

- 1 the membrane tube, and one containing the approximately horizontal section of the guv.
- 2 Save these new stacks as .tif files and paste paths into enrichment quantification script.
- 3 Run enrichment quantification, adjusting parameters such as ktub to fit your experimental conditions.