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Quantifying the LAMP1 positive puncta

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Narayana Yadavalli[1,2,3,4,5], Shawn M. Ferguson[1,2,3,4,6,5]

[1]Department of Cell Biology, Yale University School of Medicine, New Haven, Connecticut 06510, USA;
[2]Neuroscience, Yale University School of Medicine, New Haven, Connecticut 06510, USA;
[3]Program in Cellular Neuroscience, Neurodegeneration and Repair;
[4]Wu Tsai Institute Yale University School of Medicine, New Haven, Connecticut 06510, USA;
[5]Aligning Science Across Parkinson's (ASAP) Collaborative Research Network, Chevy Chase, MD, 20815, USA;
[6]Kavli Institute for Neuroscience, Yale University School of Medicine, New Haven, Connecticut 06510, USA

Berrak Ugur
Yale University

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Protocol status: Working
We use this protocol and it's working

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Abstract

This is describes quantifying the LAMP1 positive puncta.

Attachments

DOCX

724-1817.docx

14KB

Materials

Tools required

- ImageJ/Fiji

Quantifying the LAMP1 positive puncta

1 Select cells of interest with similar shapes and without saturation, and isolate single ROI.

2 Apply auto threshold to total stacks of the images.

3 Estimate the number of LAMP1 positive vesicles in each ROI by using “Analyze particle” in ImageJ/Fiji.

4 Plot the results by calculating the mean number of LAMP1 positive puncta per each cell.