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# Image quantification

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1 Works for me

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[dx.doi.org/10.17504/protocols.io.bxq4pmyw](https://dx.doi.org/10.17504/protocols.io.bxq4pmyw)

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## ABSTRACT

Image quantification

## DOI

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## PROTOCOL CITATION

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Aug 25, 2021

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## PROTOCOL INTEGER ID

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## 1 GUV image quantification

- 1.1 Analyze GUV images using a custom script implemented in Python 3.6 (<https://github.com/Hurley-Lab/GUVquantification/blob/main/GUVintensity-2channel.ipynb>).

## 2 Bead image quantification

- 2.1 Define the outline of individual bead based on the bright field channel.
- 2.2 Calculate the intensity threshold by the average intensities of pixels inside and outside of the bead.

- 2.3 Obtain the average intensity measurements of individual bead.
- 2.4 Calculate the averages and standard deviations among the measured values per each condition.