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

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Spot detection on structured background protocol

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ABSTRACT

This protocol details the steps for using the spot detection code

ATTACHMENTS

protocol_code.docx

MATERIALS

File required: 'main_RADSpot' folder

Toolbox required: Statistics and Machine Learning Toolbox, image processing toolbox

PROTOCOL integer ID:
91566

Keywords: ASAPCRN

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1 Put sub-diffraction beads images in the folder '**area_threshold'** and run **determineAreaThres.m** to find the maximum area in pixel for a diffraction-limited object.

2 Put negative control images in the folder **'negative_control'** and run **determineRad.m** to determined the steepness and integrated gradient used in the study.

3 Put images in **'image'** folder and run **detection.m** for diffraction-limited puncta detection