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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

Funders

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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