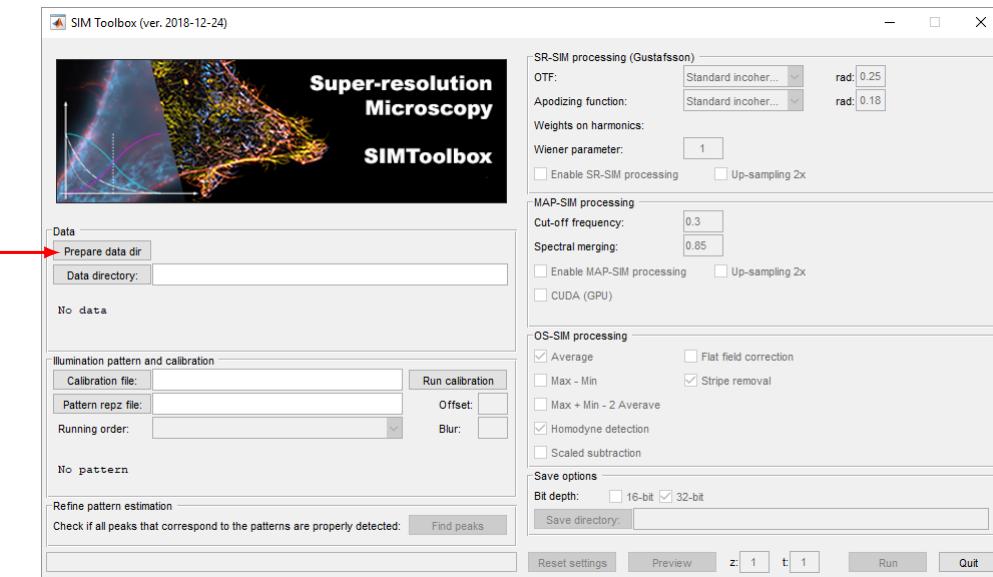
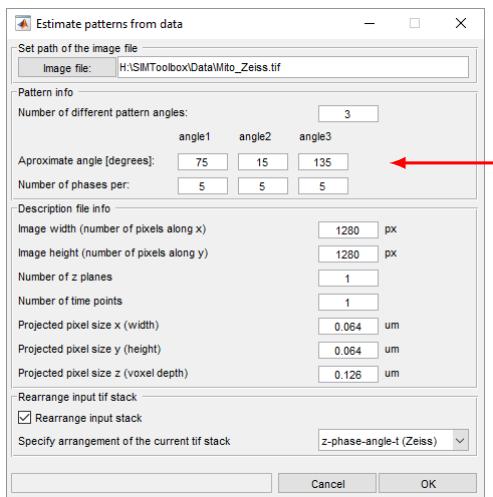


Quick Start Guide: Processing Zeiss Elyra Data

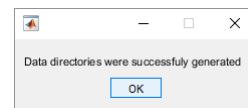
Step 1: click on “Prepare data dir”.



Step 2: Enter the relevant parameters as shown.

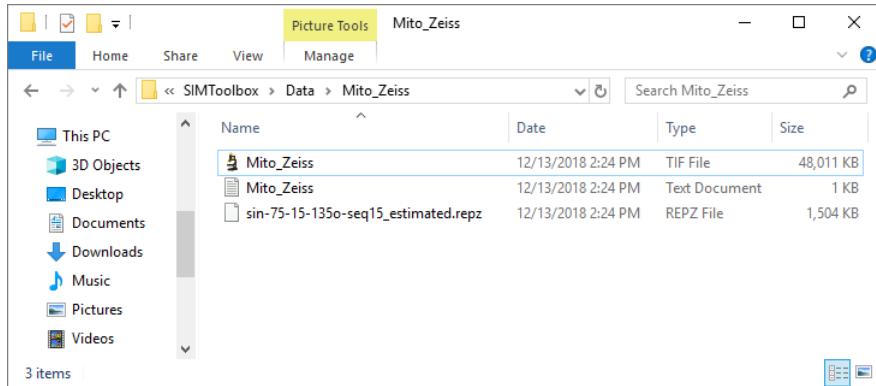


Estimate the
angles from
raw data



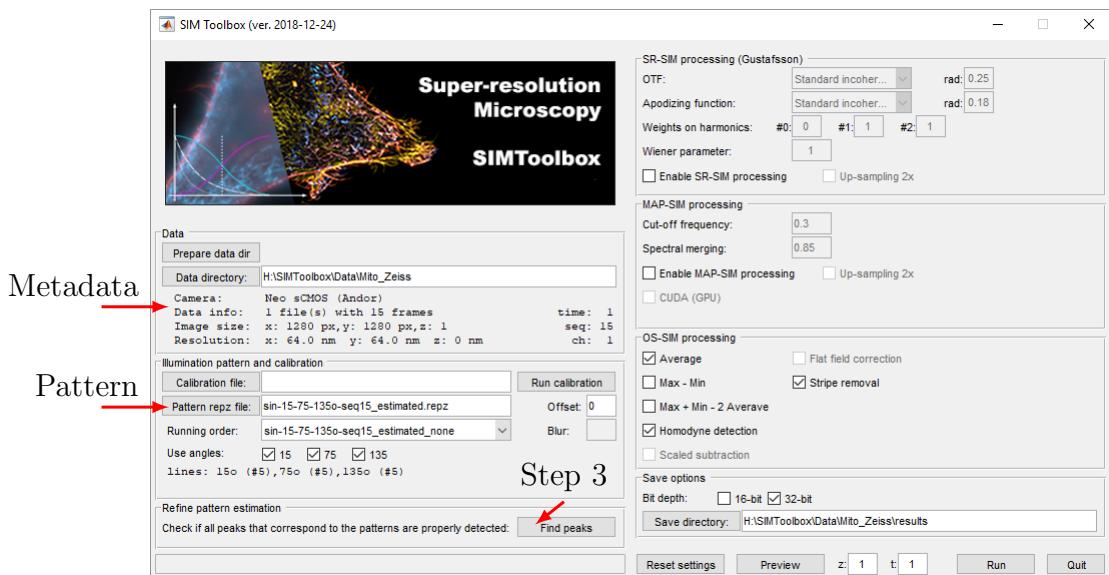
This message indicates success.

A folder like this should been created containing metadata and pattern information. **Text file must have the same name as data file.**

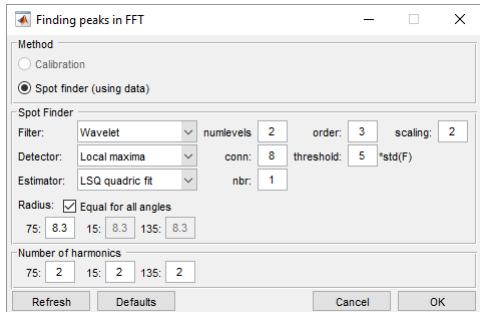


Data and pattern information is loaded automatically (see Step 3). If you can not see metadata and pattern information, click on “Data directory” and find the generated folder manually.

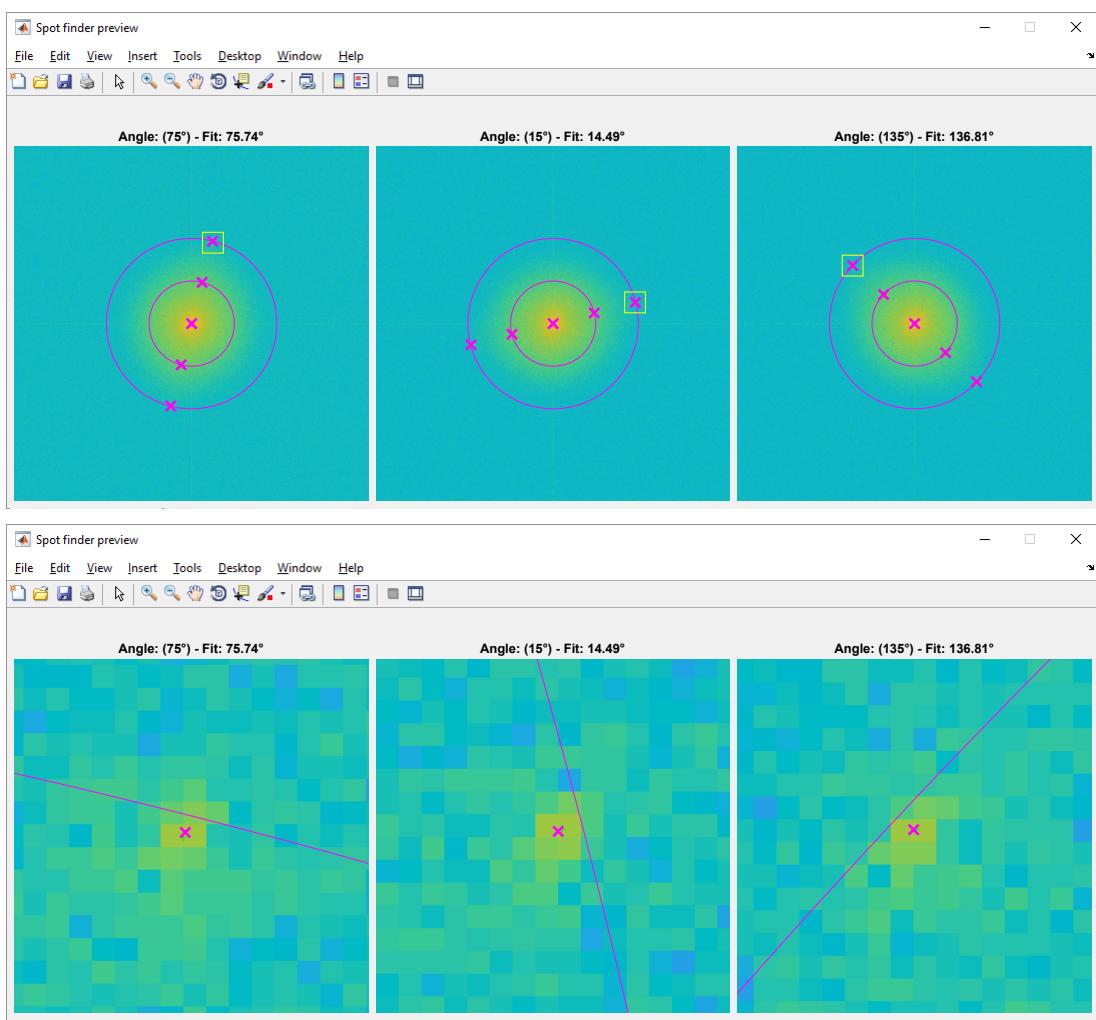
Step 3: Select “Find Peaks”.



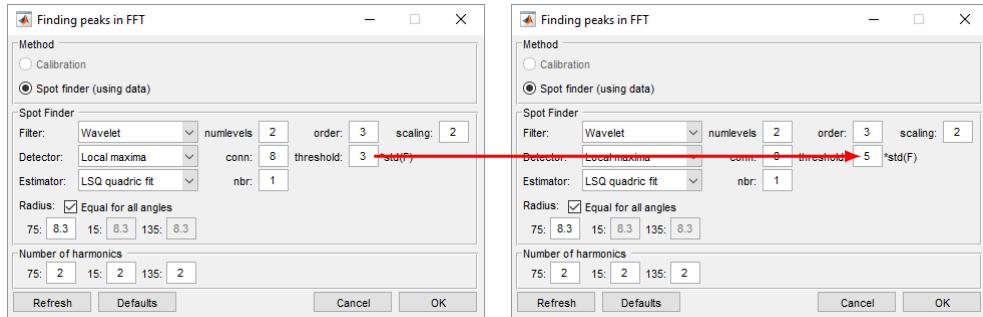
Step 4: Enter the parameters as shown and click on “Preview”.



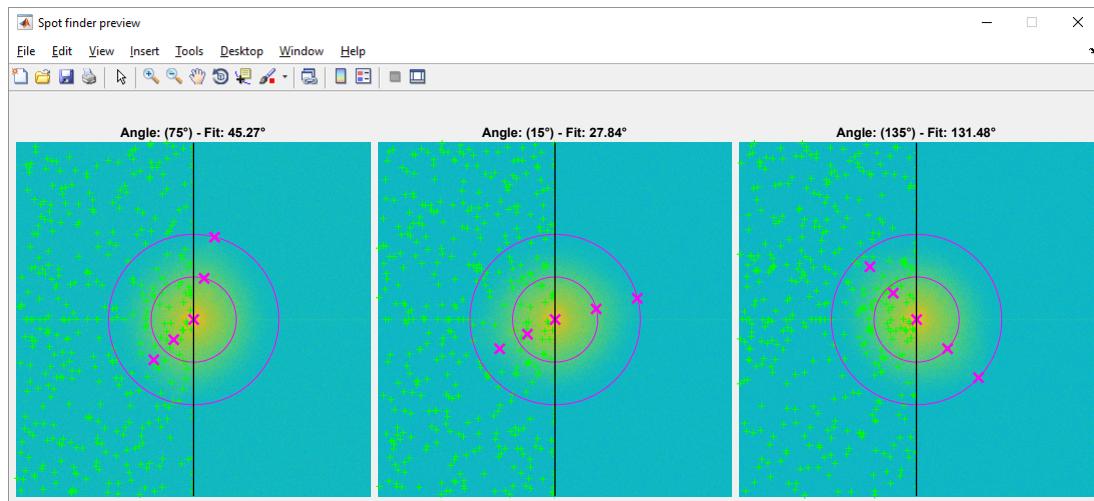
Preview of the peaks detected in FFTs of the raw data images.



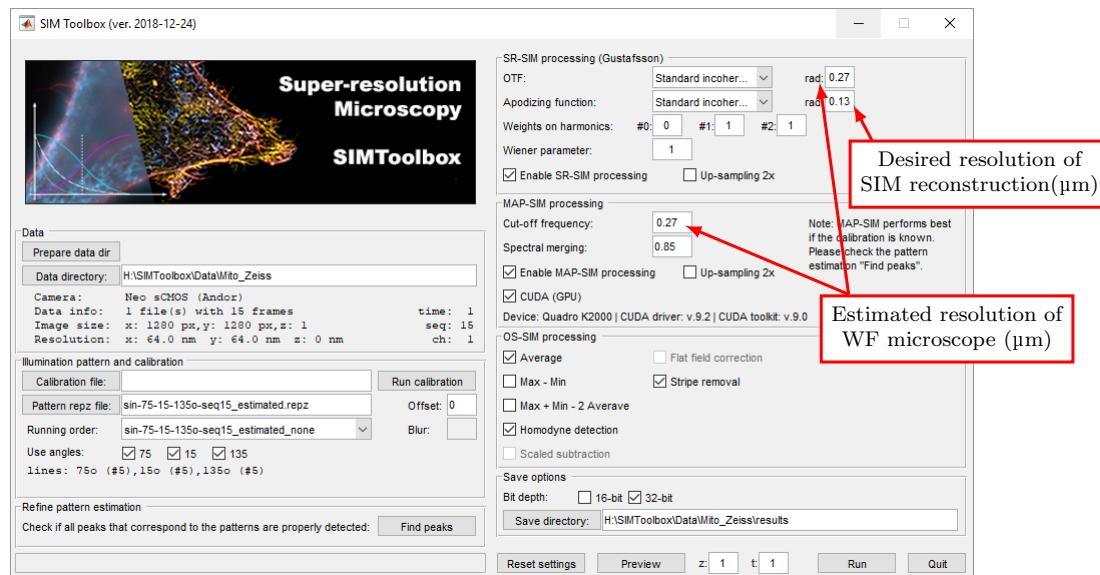
Correctly located peaks.



If too many peaks are detected, increase threshold.



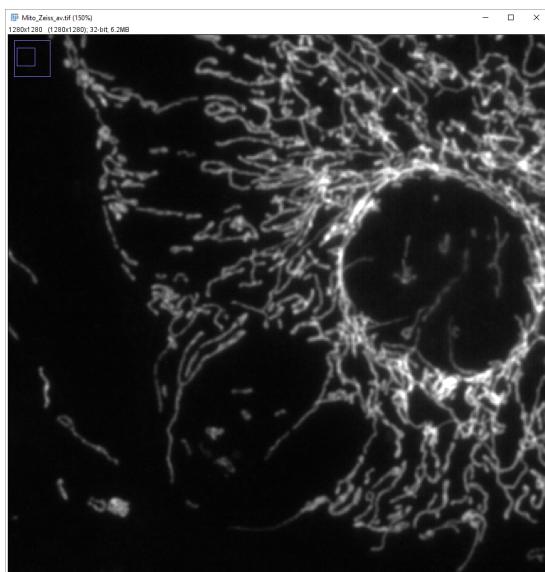
Step 5: Choose desired SIM reconstruction settings and click on “Run” button.



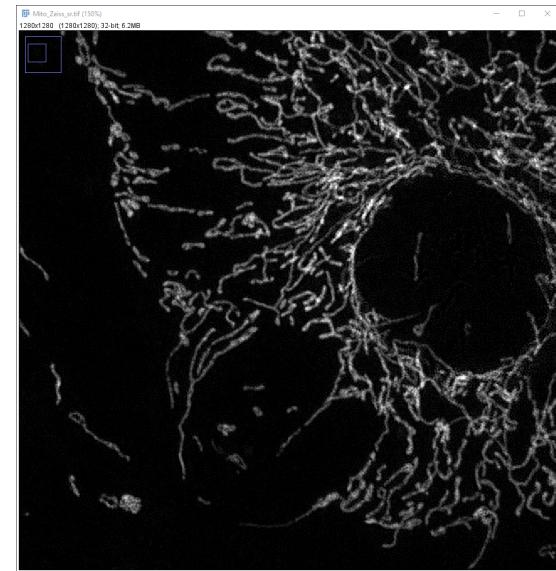
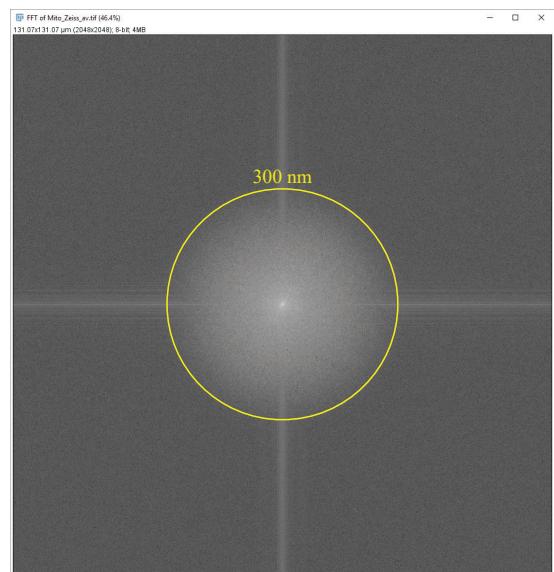
Please consult the supplementary information and user's guide for details.

Example of obtained results.

Widefield (WF)



Fast Fourier transform of WF



Super-resolution SIM (SR-SIM)

Fast Fourier transform of SR-SIM