



View Protocols SPA

Protocols SPA

Imports

- import movies
- import micrographs
- import particles
- import volumes

more

Movies

Micrographs

- xmipp3 - preprocess microg
- CTF estimation
 - gctf - ctf estimation
 - reion - export ctf
 - xmipp3 - ctf estimation
 - xmipp3 - ctf consensus
 - eman2 - ctf auto
 - grigoriefflab - ctffind4

more

Particles

- Picking
- Extract
- Preprocess
- Filter
- Mask

2D

- Align
- Classify

3D

- Initial volume
- Preprocess
- Classify
- Refine
- Postprocess
- Analysis
- Reconstruct

Resolution

Edit Copy Delete Steps Browse Db Collapse Labels

View: Tree Refres

PROJECT

Protocol Run: XmippProtCTFMicrographs

mipp Protocol: xmipp3 - ctf estimation finished Cite Help

Run

Run name: xmipp3 - ctf estimation Comment

Run mode: ☒ Continue ☐ Restart Host: localhost

Parallel: ☒ Threads ☐ MPI 1 Use queue? ☐ Yes ☒ No

Wait for

Expert Level: ☒ Normal ☐ Advanced

CTF Estimation

CTF Estimation

Input Micrographs: xmipp3 - movie maxshift.outputMicrographs

Automatic Downsampling Factor: ☐ Yes ☒ No

Manual CTF Downsampling factor: 2.5

Use defoci from a previous CTF estimation: ☒ Yes ☐ No

Previous CTF estimation: grigoriefflab - ctffind4.outputCTF

Allow amplitude contrast refinement: ☐ Yes ☒ No

Resolution: Lowest 0.05 Highest 0.45

Close Save Execute

Output

SUMMARY

CTF estimation of 48 micrographs.

scipion - import movies noGain finished

xmipp3 - movie gain rawGain finished

xmipp3 - correlation alignment finished

xmipp3 - movie maxshift finished

gctf - ctf estimation finished

grigoriefflab - ctffind4 finished

xmipp3 - ctf estimation finished

xmipp3 - ctf consensus finished

3 - manual-picking (step 1) interactive

reion - auto-picking finished

Analyze Results

phs (48 items, 3710 x 3838, 0.49 Å/px)
(48 items)