



View Protocols SPA

Protocols SPA

Imports

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

more

Movies

- xmipp3 - correlation alignment
- xmipp3 - optical alignment
- xmipp3 - movie maxshift
- xmipp3 - movie average
- xmipp3 - split frames
- xmipp3 - movie gain**
- grigoriefflab - mag distortion estimate
- grigoriefflab - mag distortion correct
- grigoriefflab - unblur
- grigoriefflab - summovie

Micrographs

- xmipp3 - preprocess micrographs

CTF estimation

Particles

- Picking
- Extract
- Preprocess
- Filter
- Mask

2D

- Align
- Classify

3D

- Initial volume
- Preprocess
- Classify
- Refine
- Postprocess

Edit Copy Delete Steps Browse Db Collapse Labels

View: Tree Refres

Protocol Run: XmippProtMovieGain

Protocol: xmipp3 - movie gain finished Cite Help

Run

Run name xmipp3 - movie gain rawGain **Comment**

Run mode ☒ Continue ☐ Restart **Host** localhost

Parallel ☒ Threads ☐ MPI 2 **Use queue?** ☐ Yes ☒ No

Wait for

Expert Level ☐ Normal ☒ Advanced

Input

Input

Input Movies scipion - import movies.outputMovies

Frame step 5

Movie step 250

Estimate gain orientation ☒ Yes ☐ No

Normalize existing gain ☒ Yes ☐ No

Estimate residual gain ☒ Yes ☐ No

Close Save Execute

Summary Methods Output Log

inputMovies (from scipion - import movies -> outputMovies [outputMovies]) SetOfMovies (48 items, 3710 x 3838 x 50 [1-50], 0.49 Å/px)

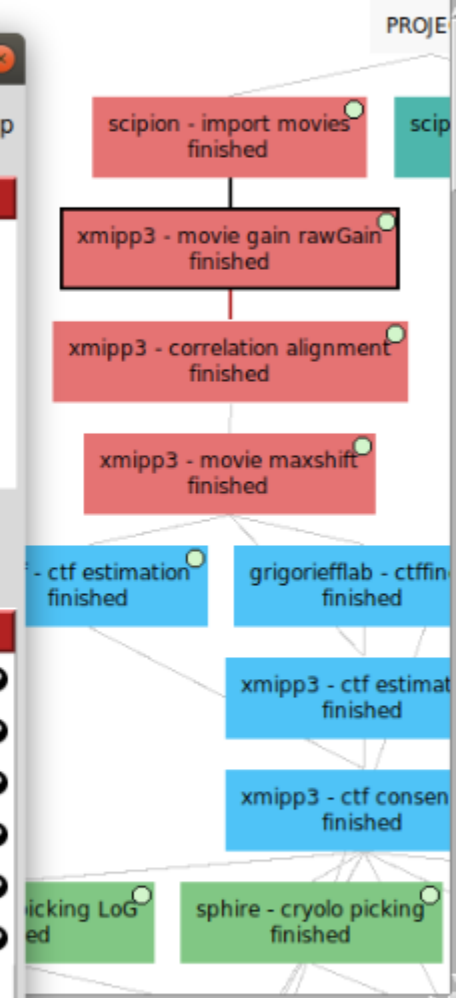
Output

xmipp3 - movie gain rawGain -> outputGains

SetOfImages (1 items, 3710 x 3838, 0.49 Å/px, open set)

xmipp3 - movie gain rawGain -> outputMovies

SetOfMovies (48 items, 3710 x 3838 x 50 [1-50], 0.49 Å/px)



Analyze Results