



View Protocols SPA

Protocols SPA

Imports

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

more

Movies

Micrographs

Particles

2D

3D

- Initial volume
- Preprocess
- Classify
- Refine

- relicion - 3D auto-refine
- relicion - particle polishing
- xmipp3 - highres
- xmipp3 - projection matching
- eman2 - refine easy
- cryosparc2 - 3D homogeneous refinement
- cryosparc2 - 3D non-uniform refinement

more

- Postprocess
- Analysis
- Reconstruct

Resolution

Tools

Exports

Model Building

[Edit](#) [Copy](#) [Delete](#) [Steps](#) [Browse](#) [Db](#) [Collapse](#) [Labels](#)
View: Tree [Refres](#)

Protocol Run: XmippProtReconstructHighRes



Protocol: xmipp3 - highres

finished

[Cite](#) [Help](#)

Run

Run name xmipp3 - highres

Comment

Run mode

☒ Continue ☐ Restart

Host localhost

Parallel

Threads 1

MPI 4

Use queue?

☐ Yes ☒ No

GPU IDs

☐ Yes ☒ No

0

Wait for

Expert Level

☒ Normal☐ Advanced

Input

Next Reference

Angular assignment

Weights

Post-processing

Input

Continue from a previous run? ☐ Yes ☒ No

Full-size Images

apoParticles.outputParticles

Initial volumes

relicion - 3D auto-refine.outputVolume

Radius of particle (px)

-1

Symmetry group

0

Close

Save

Execute

Input

inputParticles (from apoParticles -> outputParticles [outputParticles]) SetOfParticles (5673 items, 74 x 74, 1.98 Å/px)

inputVolumes (from relicion - 3D auto-refine -> outputVolume [outputVolume]) Volume (74 x 74 x 74, 1.98 Å/px)

Output

xmipp3 - highres -> outputVolume

Volume (74 x 74 x 74, 1.98 Å/px)

xmipp3 - highres -> outputParticles

SetOfParticles (5671 items, 74 x 74, 1.98 Å/px)

relicion - 3D auto-refine finished

xmipp3 - highres finished

xmipp3 - highres 2 finished

on 2 relicion - 3D class finished

Analyze Results