

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

Protocol Run: XmippProtReconstructHighRes



Protocol: xmipp3 - highres

finished

Cite

Help

Run

Run name xmipp3 - highres 2 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

Select previous run xmipp3 - highres

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)

continueRun (from xmipp3 - highres) xmipp3 - highres

Output

xmipp3 - highres 2 -> outputVolume Volume (74 x 74 x 74, 1.98 Å/px)

xmipp3 - highres 2 -> outputParticles SetOfParticles (5667 items, 74 x 74, 1.98 Å/px)

relicion - 3D auto-refine finished

xmipp3 - highres finished

xmipp3 - highres 2 finished

xmipp3 - highres 2 finished

relicion - 3D auto-refine finished

Analyze Results