



View Protocols SPA

Protocols SPA

Imports

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

more

Movies

Micrographs

- xmipp3 - preprocess micrographs
- CTF estimation

Particles

2D

3D

Initial volume

Preprocess

Classify

- reliion - 3D classification
- grigoriefflab - frealign classify

Refine

- reliion - 3D auto-refine
- reliion - particle polishing

xmipp3 - highres

xmipp3 - projection matching

eman2 - refine easy

cryosparc2 - 3D homogeneous refinement

cryosparc2 - 3D non-uniform refinement

more

cryosparc2 - subtract projection

cryosparc2 - Local refinement

Postprocess

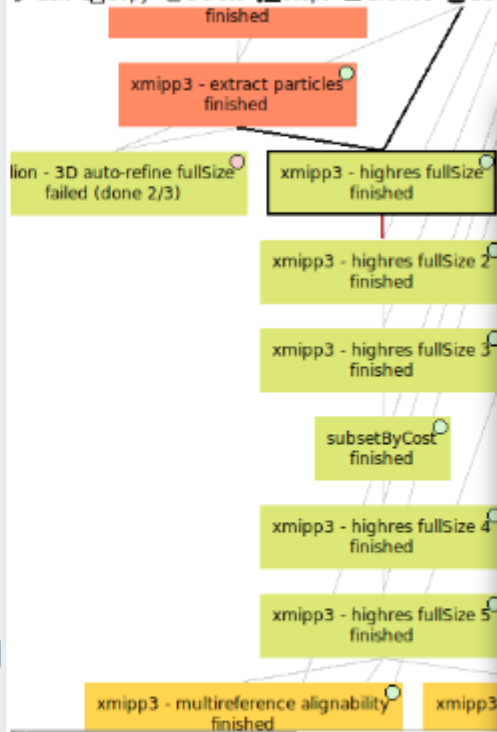
Analysis

Reconstruct

Resolution

Tools

Edit Copy Delete Steps Browse Db Collapse Labels



Summary Methods Output Log

Input

inputParticles (from xmipp3 - extract particles -> outputParticles [outputParticles])

inputVolumes (from xmipp3 - highres 2 -> outputVolume [outputVolume])

Output

xmipp3 - highres fullSize -> outputVolume

xmipp3 - highres fullSize -> outputParticles

Protocol Run: XmippProtReconstructHighRes



Protocol: xmipp3 - highres

finished



Run

Run name xmipp3 - highres fullSize

Comment

Run mode

Continue Restart

Host localhost

Parallel

Threads 1 MPI 48

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 xmipp3 - extract particles.outputParticles

Initial volumes xmipp3 - highres 2.outputVolume

Radius of particle (px) 150

Symmetry group o

Close

Save

Execute

SetOfParticles (5208 items, 450 x 450, 0.49 Å/px)

Volume (74 x 74 x 74, 1.98 Å/px)

Volume (185 x 185 x 185, 1.20 Å/px)

SetOfParticles (5208 items, 450 x 450, 0.49 Å/px)