

View Protocols SPA

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View: Tree Refres

- xmipp3 - preprocess micrographs
- CTF estimation
- Particles
  - Picking
  - Extract
  - Preprocess
  - Filter
  - Mask
- 2D
  - Align
  - Classify
- 3D
  - Initial volume
    - relicon - 3D initial model
    - xmipp3 - ransac
    - xmipp3 - reconstruct significant
    - xmipp3 - swarm consensus
    - xmipp3 - convert a PDB
    - eman2 - initial model
    - eman2 - initial model SGD
    - cryosparc2 - initial model
  - more
  - Preprocess
    - xmipp3 - crop/resize volumes
    - xmipp3 - preprocess volumes
    - xmipp3 - filter volumes
    - xmipp3 - create 3d mask
    - xmipp3 - apply 3d mask
    - xmipp3 - align volume
  - more
  - Classify
  - Refine
  - Postprocess

### Protocol Run: XmippProtReconstructSwarm

**Protocol: xmipp3 - swarm consensus** finished [Cite](#) [Help](#)

**Run**

Run name:  Comment:

Run mode: ☒ Continue ☐ Restart  Host:

Parallel: Threads  MPI   Use queue? ☐ Yes ☒ No

GPU IDs: ☐ Yes ☒ No   Wait for:

Expert Level: ☒ Normal ☐ Advanced

**Input**

Full-size Images:

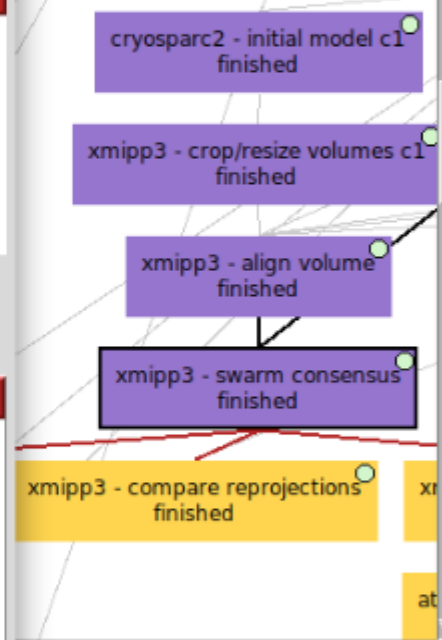
Initial volumes:

Radius of particle (px):

Symmetry group:

Mask:

- Input
  - inputParticles (from relicon - 3D initial model -> outputParticles [outputPart SetOfParticles (5673 items, 74 x 74, 1.98 Å/px)
  - inputVolumes (from xmipp3 - align volume -> outputVolumes [outputVolur SetOfVolumes (16 items, 74 x 74 x 74, 1.98 Å/px)
- Output
  - xmipp3 - swarm consensus -> outputVolume Volume (74 x 74 x 74, 1.98 Å/px)
  - xmipp3 - swarm consensus -> outputVolumes SetOfVolumes (16 items, 40 x 40 x 40, 3.66 Å/px)



Analyze Results