

Project Help

SCIPION

View Protocols SPA

Protocols SPA

- Imports
  - import movies
  - import micrographs
  - import particles
  - import volumes
- more
- Movies
- Micrographs
  - CTF estimation
  - Preprocess
- Particles
  - Picking
  - Extract
  - Preprocess
  - Filter
  - Mask
- 2D
  - Alien
  - Classify
- 3D
  - Initial volume
  - Preprocess
  - Classify
  - Refine
    - xmipp3 - h
    - xmipp3 - pr
    - xmipp3 - es
    - relion - 3D
    - relion - ct
    - relion - ba
    - relion - 3D
    - eman2 - ref
    - cruosparc2
    - cruosparc2
    - cruosparc2
    - cruosparc2
  - more
  - Postprocess
  - Analysis

### Protocol Run: ProtRelionRefine3D

RELION Protocol: relion - 3D auto-refine finished [Cite](#) [Help](#)

**Run**

Run name: relion - 3D auto-refine [Edit](#) Comment: [Edit](#)

Run mode: ☒ Continue ☐ Restart [?](#) Host: localhost

Parallel Threads: 1 MPI: 3 [?](#) Use queue? ☐ Yes ☒ No [Edit](#) [?](#)

Wait for: [?](#)

Expert Level: ☒ Normal ☐ Advanced

Input Reference 3D map CTF Auto-Sampling Compute

**Input**

Continue from a previous run? ☐ Yes ☒ No [?](#)

Input particles: goodParticles.outputParticles [Search](#) [Delete](#) [Eye](#) [?](#)

Consider previous alignment? ☐ Yes ☒ No [?](#)

Particle mask diameter (A): -1 [Edit](#) [?](#)

Mask particles with zeros? Yes, fill with zeros [?](#)

[Close](#) [Save](#) [Execute](#)

Protocols | Data

View: Tree [User](#) [Refresh](#)

- consensus classes 3D finished
- goodParticles finished
- us refinement
- relion - 3D auto-refine finished
- angles
- 1 pixel

[Analyze Results](#)

icles (1944 items, 250 x 250, 0.74 Å/px)  
50 x 250 x 250, 0.74 Å/px)  
50 x 250 x 250, 0.74 Å/px)  
icles (1944 items, 250 x 250, 0.74 Å/px)