

View Protocols SPA

- Protocols SPA
 - Imports
 - Movies
 - Micrographs
 - CTF estimation
 - Preprocess
 - Particles
 - Picking
 - Extract
 - Preprocess
 - Filter
 - Mask
 - 2D
 - Align
 - Classifu
 - 3D
 - Initial volume
 - xmipp3 - ransac
 - xmipp3 - reconstruct signif
 - xmipp3 - swarm consensus
 - xmipp3 - convert a PDB
 - relion - 3D initial model**
 - eman2 - initial model
 - eman2 - initial model SGD
 - cruosparc2 - initial model
 - more
 - Preprocess
 - Classifu
 - Refine
 - Postprocess
 - Analysis
 - Reconstruct
 - Tools
 - Sets
 - Calculators
 - Exports

Protocol Run: ProtRelionInitialModel

RELION Protocol: relion - 3D initial model finished [Cite](#) [Help](#)

Run

Run name: relion - 3D initial model [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 CTF Optimisation SGD Compute

Input

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

Input particles: xmipp3 - center particles.outputParticles [Search](#) [Delete](#) [Eye](#) [?](#)

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

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

Summary Methods Output Log

Input
inputParticles (from xmipp3 - center particles -> outputParticles [nu] SetOfParticles (3491 items, 120 x 120, 1.24 Å/px)

Output
relion - 3D initial model -> outputVolume Volume (120 x 120 x 120, 1.24 Å/px)
relion - 3D initial model -> outputParticles SetOfParticles (3491 items, 120 x 120, 1.24 Å/px)

SUMMARY
Iteration 300
Current resolution: 15.00

Protocols

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

noFerritin class finished

xmipp3 - center par finished

relion - 3D initial model finished

[Analyze Results](#)