

A



View Protocols SPA

Particles

- ▷ Picking
- ▷ Extract
- ▷ Preprocess
- ▷ Filter
- ▷ Mask

2D

- ▷ Align
- ▷ Classify

3D

- ▷ Initial volume
- ▷ Preprocess
- ▷ Classify
- ▷ Refine
- ▷ Postprocess
- ▷ Analysis
- ▷ Reconstruct

Tools

Model Building

- ▷ xmipp3 - extract unit cell
- ▷ chimera - chimera rigid fit
- ▷ chimera - model from template
- ▷ powerfit\_scipion - powerfit
- ▷ ccp4 - coot refinement
- ▷ ccp4 - reffmac
- ▷ phenix - emringer
- ▷ phenix - real space refine
- ▷ phenix - molprobt
- ▷ xmipp3 - 3d bionotes

B

Protocol Run: PhenixProtRunRSRefine

**Phenix** Protocol: phenix - real space refine

Cite Help

Run

Run name phenix - real space refine

Run mode ☒ Continue ☐ Restart Host localhost

Parallel Threads 1 Use queue? ☐ Yes ☒ No

Wait for

Expert Level ☐ Normal ☒ Advanced

Input

Input

Input Volume

Resolution (Å): 3.0

Input atomic structure.

Extra Params

Secondary structure ☐ Yes ☒ No

Macro cycles 5

Optimization strategy options

Global minimization: ☒ Yes ☐ No

Rigid body: ☐ Yes ☒ No

Local grid search: ☐ Yes ☒ No

Morphing ☐ Yes ☒ No

Simulated annealing ☐ Yes ☒ No

Atomic Displacement Parameters (ADPs) ☒ Yes ☐ No

Close Save Execute