



## Run

Run name Comment 

Run mode

☒ Continue
 ☐ Restart
Host Use queue? ☐ Yes ☒ NoWait for 

Expert Level

☐ Normal
 ☒ Advanced

Input

Input

Input Volume Input PDBx/mmCIF file Max. Resolution (Å): Min. Resolution (Å): Generate masked volume ☒ Yes ☐ NoSFCALC mapradius: SFCALC mradius: Number of refinement iterations: Matrix refinement weight: B Factor: 

Close

Save

Execute

View ▶ ☒ Initial volume▶ ☒ Preprocess▶ ☒ Classify▶ ☒ Refine▶ ☒ Analysis▶ ☒ Reconstruct

## Tools

▶ ☒ Sets▶ ☒ Calculators☐ xmipp3 - operate particles☐ xmipp3 - operate volumes☐ chimera - chimera operate☐ chimera - chimera restore session☐ phenix - superpose pdbs

## Model Building

☐ xmipp3 - extract unit cell☐ chimera - rigid fit☐ scipion - model from template☐ powerfit - powerfit☐ ccp4 - coot refinement☒ ccp4 - refmac☐ phenix - emringer☐ phenix - real space refine☐ phenix - molprobit