

A

B

View Model building

- Model building
 - Imports
 - import volumes**
 - import atomic structure
 - import sequence
 - Preprocess map
 - xmipp3 - create 3d mask
 - xmipp3 - local MonoRes
 - xmipp3 - localdeblur sharpening
 - xmipp3 - extract asymmetric unit
 - xmipp3 - deepEMhancer
 - Initial model
 - chimerax - model from template
 - Rigid fitting
 - phenix - dock in map
 - chimerax - rigid fit
 - Flexible fitting
 - ccp4 - coot refinement
 - ccp4 - refrac
 - phenix - real space refine
 - Validation
 - phenix - emringer
 - phenix - molprobit
 - phenix - validation_cryoem
 - xmipp3 - validate fsc-q
 - Tools-Calculators
 - atomstructutils - operator
 - atomstructutils - convert_sym
 - phenix - superpose pdbs
 - chimerax - operate
 - chimerax - restore session
 - chimerax - contacts
 - chimerax - map subtraction
 - xmipp3 - map from atomic structure
 - Others
 - Exports
 - export to DB

Protocol Run: ProtImportVolumes

Protocol: pwem - import volumes [Cite](#) [Help](#)

Run

Run name pwem - import volumes [Edit](#) Comment [Edit](#)

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

Use queue? ☐ Yes ☒ No [?](#)

Wait for [?](#)

Expert Level ☒ Normal ☐ Advanced

Import **Streaming**

Import

Import from local file [?](#)

Files directory [?](#)

Pattern [?](#)

Set half maps ☒ Yes ☐ No [?](#)

Path half map1 [?](#)

Path half map2 [?](#)

Pixel size ("sampling rate") (Å/px)

Set origin of coordinates ☒ Yes ☐ No [?](#)

Offset [?](#)

x [?](#)

y [?](#)

z [?](#)

Close **Save** **Execute**