

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 - molprobrity

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

Edit Copy Delete Browse Collapse Labels

View: Tree

PROJECT

pwem - import volumes HEMOGLOBIN

Protocol Run: ProtImportVolumes

finished

Cite

Help

Run

Run name

pwem - import volumes HEMC

Comment

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

/model_building_tutorial/volumes/emd_3488.map

Pattern

Set half maps

☐ Yes
 ☒ No

Pixel size ("sampling rate") (Å/px)

1.05

Set origin of coordinates

☐ Yes
 ☒ No

Close

Save

Execute

Volume 2_outputVolume_46 imported from:

/home/marta/software/scipion_plugin/data/tests/model_building_tutorial/volumes/emd_3488.map

Sampling rate: 1.05 (Å/px)

Analyze Results