

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 - molprobity
- 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

B

Protocol Run: ProtExportDataBases

 **Protocol: pwem - export emdb/pdb** Cite ? Help

Run

Run name pwem - export emdb/pdb (2) Comment

Run mode Continue Restart Host localhost

Use queue? Yes No

Wait for

Input

Main EM map to export

Additional maps to export? Yes No

Additional EM maps to export

Object

FSC file to export

Masks to export? Yes No

Masks to export

Object

Atomic structure to export

Image to export

Export to directory

Close Save Execute