

A

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 - refmac
- phenix - real space refine

Validation

- phenix - emringer
- phenix - molprobtity
- 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: xmipp3 - localdeblur sharpening

Cite Help

Run

Run name xmipp3 - localdeblur sharpenin Comment Run mode ☒ Continue ☐ Restart Host localhost Parallel Threads 4 Use queue? ☐ Yes ☒ No Wait for

Expert Level

☐ Normal ☒ Advanced

Input

Input

Input Map Resolution Map lambda 1.0 K 0.025

Close

Save

Execute