

View Protocols SPA

xmipp3 - preprocess micrographs

CTF estimation

Particles

Picking

Extract

Preprocess

Filter

Mask

2D

Align

Classify

3D

Initial volume

relicon - 3D initial model

xmipp3 - ransac

xmipp3 - reconstruct significant

xmipp3 - swarm consensus

xmipp3 - convert a PDB

eman2 - initial model

eman2 - initial model SGD

cryosparc2 - initial model

more

Preprocess

xmipp3 - crop/resize volumes

xmipp3 - preprocess volumes

xmipp3 - filter volumes

xmipp3 - create 3d mask

xmipp3 - apply 3d mask

xmipp3 - align volume

more

Classify

Refine

Postprocess

Protocol Run: XmippProtAlignVolume



Protocol: xmipp3 - align volume

finished

Cite

Help

Run

Run name xmipp3 - align volume

Comment

Run mode

Continue

Restart

Host localhost

Parallel

Threads

MPI

4

Use queue?

Yes

No

Wait for

Expert Level

Normal

Advanced

Volume parameters

Search strategy

Volume parameters

Reference volume relicon - 3D initial model.Volume

Input volume(s)

Object

Info

xmipp3 - reconstruct significant.Vol

Volume (74 x 74 x 74)

relicon - 3D initial model.Volume

Volume (74 x 74 x 74)

xmipp3 - crop/resize volumes c1.Vc

Volume (74 x 74 x 74)

xmipp3 - crop/resize volumes o.out

Volume (74 x 74 x 74)

xmipp3 - crop/resize volumes o.out

Volume (74 x 74 x 74)

Mask

Apply mask?

Yes

No

Close

Save

Execute

015 (from None -> [outputVolumes.9])

Volume (74 x 74 x 74, 1.98 Å/px)

016 (from None -> [outputVolumes.10])

Volume (74 x 74 x 74, 1.98 Å/px)

inputReference (from relicon - 3D initial model -> outputVolume [outputVolume])

Volume (74 x 74 x 74, 1.98 Å/px)

Output

xmipp3 - align volume -> outputVolumes

SetOfVolumes (16 items, 74 x 74 x 74, 1.98 Å/px)

cryosparc2 - initial model c1  
finished

xmipp3 - crop/resize volumes c1  
finished

xmipp3 - align volume  
finished

xmipp3 - swarm consensus  
finished

3 - compare reprojections  
finished

Analyze Results