

View Protocols SPA

Micrographs

xmipp3 - preprocess micrographs

CTF estimation

gctf - ctf estimation

relicon - export ctf

xmipp3 - ctf estimation

xmipp3 - ctf consensus

eman2 - ctf auto

grigoriefflab - ctffind4

more

Particles

Picking

relicon - auto-picking

xmipp3 - particle boxsize

xmipp3 - manual-picking (step 1)

xmipp3 - auto-picking (step 2)

xmipp3 - deep consensus picking

xmipp3 - assign tiltpairs

xmipp3 - picking consensus

sphire - cryolo picking

sphire - cryolo training

eman2 - boxer

eman2 - boxer auto

eman2 - sparx gaussian picker

bsoft - particle picking

Extract

Preprocess

Filter

xmipp3 - filter particles

xmipp3 - denoise particles

Mask

2D

Align

Classify

3D

Initial volume

Preprocess

Classify

Protocol Run: XmippProtScreenDeepConsensus

**Protocol: xmipp3 - deep consensus picking** finished Cite Help

**Run**

Run name: xmipp3 - deep consensus pick Comment

Run mode: ☒ Continue ☐ Restart Host: localhost

Parallel Threads: 2 Use queue? ☐ Yes ☒ No

GPU IDs: ☒ Yes ☐ No 0 Wait for:

Expert Level: ☐ Normal ☒ Advanced

Input Preprocess Training Additional training data

**Input**

Select model type: New

Object	Info
relicon - auto-picking LoG.outputCoordinates	SetOfCoordinates (5813 items, 300 x 300)
sphire - cryolo picking.outputCoordinates	SetOfCoordinates (6491 items, 300 x 300)
xmipp3 - auto-picking (step 2).outputCoordinates	SetOfCoordinates (6388 items, 300 x 300)

Relative Radius: 0.3

Close Save Execute

inputCoordinates

001 (from relicon - auto-picking LoG -> outputCoordinates [outputCoordinates])

002 (from sphire - cryolo picking -> outputCoordinates [outputCoordinates])

003 (from xmipp3 - auto-picking (step 2) -> outputCoordinates [outputCoordinates])

SetOfCoordinates (5813 items, 300 x 300)

SetOfCoordinates (6491 items, 300 x 300)

SetOfCoordinates (6388 items, 300 x 300)

Output

xmipp3 - deep consensus picking -> outputCoordinates

SetOfCoordinates (6925 items, 300 x 300)

SUMMARY

Data source 1 relicon - auto-picking LoG

Data source 2 sphire - cryolo picking

Data source 3 xmipp3 - auto-picking (step 2)

Relative Radius = 0.300000



Analyze Results