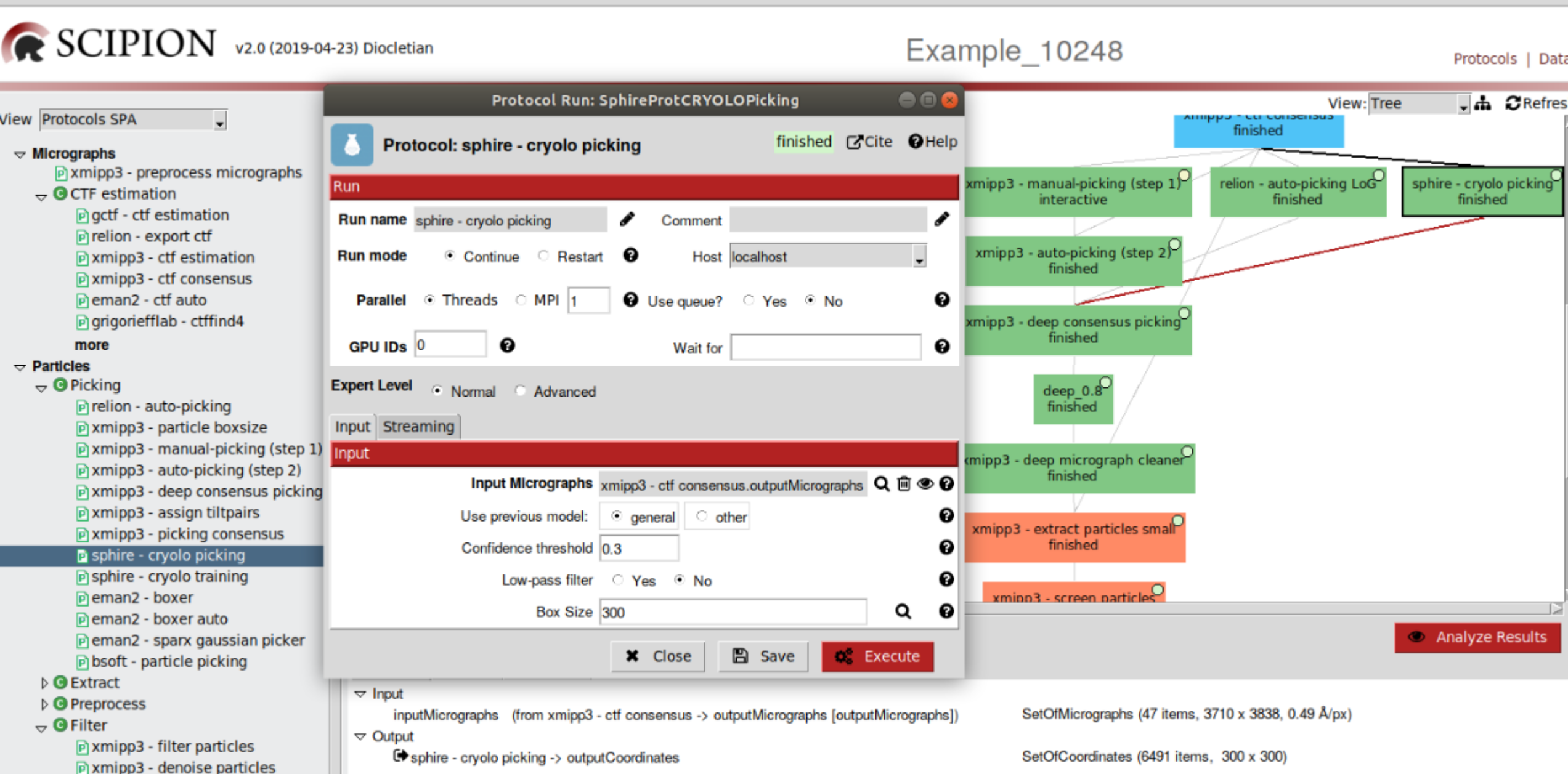
SCIPION
v2.0 (2019-04-23) Diocletian
Example_10248
Protocols | Data
View Protocols SPA
Micrographs
xmipp3 - preprocess micrographs
CTF estimation
gctf - ctf estimation
relion - export ctf
xmipp3 - ctf estimation
xmipp3 - ctf consensus
eman2 - ctf auto
grigoriefflab - ctffind4
more
Particles
Picking
relion - 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
Protocol Run: SphireProtCRYOLOPicking
Protocol: sphire - cryolo picking
finished
Cite
Help
Run
Run name sphire - cryolo picking
Comment
Run mode Continue Restart
Host localhost
Parallel Threads MPI 1
Use queue? Yes No
GPU IDs 0
Wait for
Expert Level Normal Advanced
Input
Streaming
Input
Input Micrographs xmipp3 - ctf consensus.outputMicrographs
Use previous model: general other
Confidence threshold 0.3
Low-pass filter Yes No
Box Size 300
Close
Save
Execute
View: Tree
Refres
finished
xmipp3 - manual-picking (step 1) interactive
relion - auto-picking LoG finished
sphire - cryolo picking finished
xmipp3 - auto-picking (step 2) finished
xmipp3 - deep consensus picking finished
deep_0.8 finished
mipp3 - deep micrograph cleaner finished
xmipp3 - extract particles small finished
xmipp3 - screen particles
Analyze Results
Input
inputMicrographs (from xmipp3 - ctf consensus -> outputMicrographs [outputMicrographs])
SetOfMicrographs (47 items, 3710 x 3838, 0.49 Å/px)
Output
sphire - cryolo picking -> outputCoordinates
SetOfCoordinates (6491 items, 300 x 300)