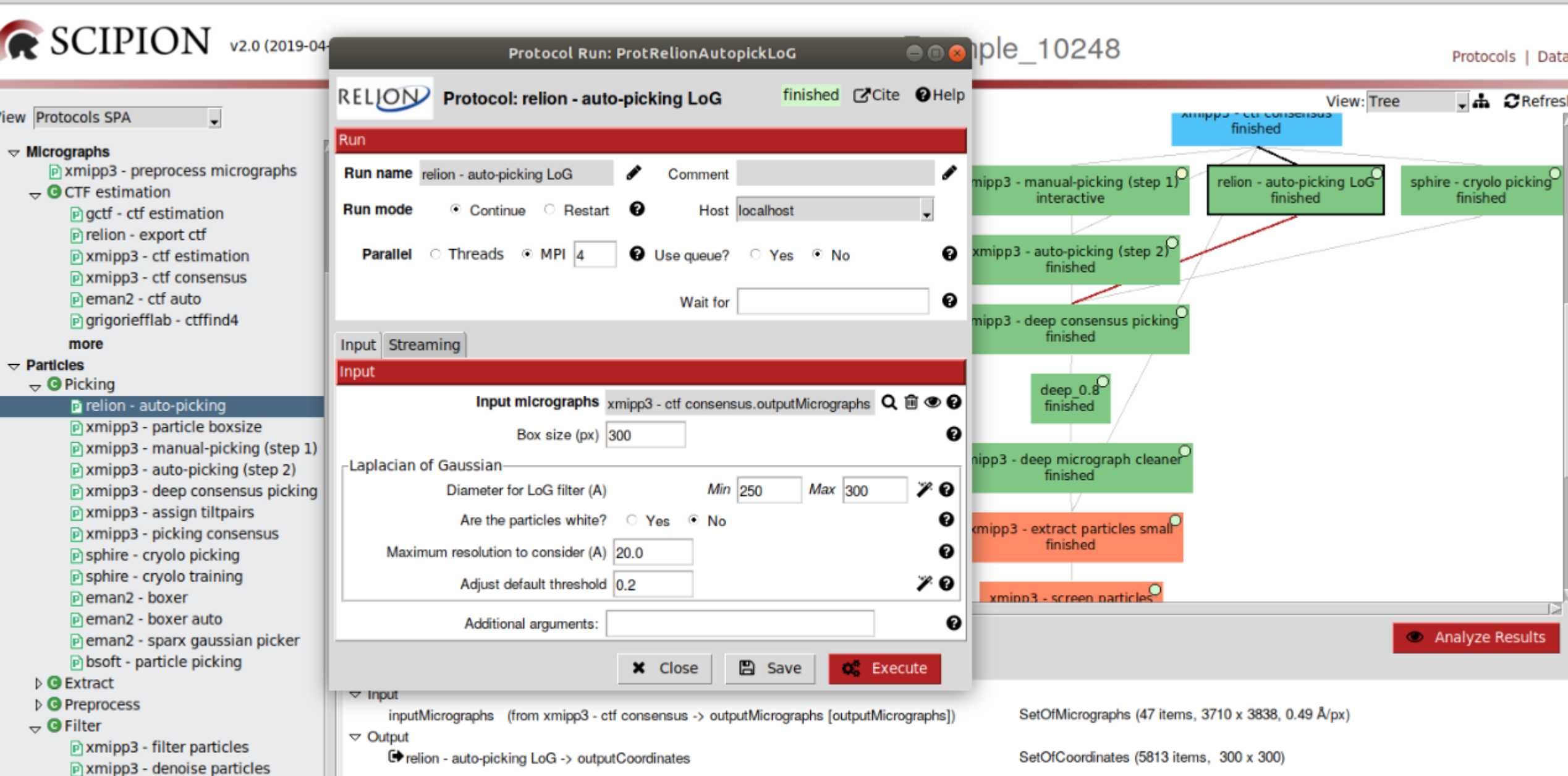
SCIPION
v2.0 (2019-04-
ple_10248
Protocols | Data
View Protocols SPA
Micrographs
xmipp3 - preprocess micrographs
CTF estimation
gctf - ctf estimation
relion - export ctf
xmipp3 - ctf estimation
xmipp3 - ctf consensus
eman2 - ctf auto
grigoriefflab - ctffind4
more
Particles
Picking
relion - auto-picking
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: ProtRelionAutopickLoG
RELION
Protocol: relion - auto-picking LoG
finished
Cite
Help
Run
Run name relion - auto-picking LoG
Comment
Run mode Continue Restart
Host localhost
Parallel Threads MPI 4
Use queue? Yes No
Wait for
Input
Streaming
Input
Input micrographs xmipp3 - ctf consensus.outputMicrographs
Box size (px) 300
Laplacian of Gaussian
Diameter for LoG filter (A) Min 250 Max 300
Are the particles white? Yes No
Maximum resolution to consider (A) 20.0
Adjust default threshold 0.2
Additional arguments:
Close
Save
Execute
View: Tree
Refresh
finished
mipp3 - manual-picking (step 1) interactive
relion - auto-picking LoG finished
sphire - cryolo picking finished
xmipp3 - auto-picking (step 2) finished
mipp3 - 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
relion - auto-picking LoG -> outputCoordinates
SetOfCoordinates (5813 items, 300 x 300)