✏ Edit ⎘Copy 🗑 Delete ☰Steps 📂 Browse 🗄Db ▭Collapse 🏷Labels

View: Tree ▾ 🔀 ↻Refres

View [Protocols SPA ▾]

- ▽ ○ Picking
  - P relion - auto-picking
  - P xmipp3 - particle boxsize
  - P xmipp3 - manual-picking (step 1)
  - P xmipp3 - auto-picking (step 2)
  - P xmipp3 - deep consensus picking
  - P xmipp3 - deep micrograph cleaner
  - P xmipp3 - assign tiltpairs
  - P xmipp3 - picking consensus
  - P xmipp3 - pick noise
  - P sphire - cryolo picking
  - P sphire - cryolo training
  - P eman2 - boxer
  - P eman2 - boxer auto
  - P eman2 - sparx gaussian picker
  - P bsoft - particle picking
- ▽ ○ Extract
  - P relion - particles extraction
  - P relion - movie particles extraction
  - P relion - export particles
  - P relion - sort particles
  - P **xmipp3 - extract particles**
  - ▷ **more**
- ▷ ○ Preprocess
- ▷ ○ Filter
- ▷ ○ Mask
- ▽ 2D
  - ▷ ○ Align
  - ▷ ○ Classify
- ▽ 3D
  - ▷ ○ Initial volume
  - ▷ ○ Preprocess
  - ▷ ○ Classify
  - ▷ ○ Refine
  - ▷ ○ Postprocess

Protocol Run: XmippProtExtractParticles

Protocol: xmipp3 - extract particles   finished ⧉Cite ❓Help

Run

Run name	xmipp3 - extract particles smal ✏	Comment	✏
Run mode	⦿ Continue ○ Restart ❓	Host	localhost ▾
Parallel	⦿ Threads ○ MPI [4] ❓	Use queue? ○ Yes ⦿ No	❓
		Wait for [ ]	❓

Expert Level ⦿ Normal ○ Advanced

[Input] [Preprocess]

Input

Input coordinates	xmipp3 - deep micrograph cleaner.outputCoordinates_Manual_096	🔍 🗑 👁 ❓
Micrographs source	⦿ same as picking ○ other	❓
CTF estimation	xmipp3 - ctf consensus.outputCTF.	🔍 🗑 ❓
Downsampling factor	4.0	❓
Particle box size (px)	74	🪄 ❓
Fill pixels outside borders	○ Yes ⦿ No	❓

✖ Close   💾 Save   ⚙ Execute

xmipp3 - deep micrograph cleaner
finished

xmipp3 - extract particles small
finished

xmipp3 - screen particles
finished

subset_Z_SSNR_Var
finished

cryosparc2 - Cryosparc2D
finished

cryosparc2 - initial model 0
finished

xmipp3 -

xmipp3 - crop/resize volumes 0
finished

👁 Analyze Results

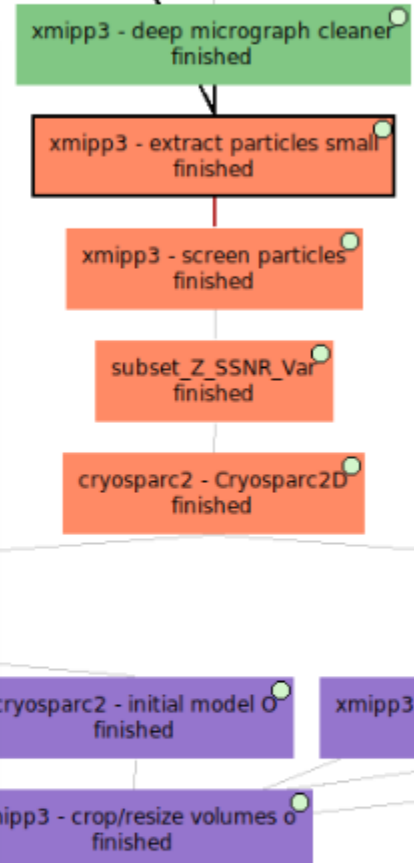▽ Input
  inputCoordinates (from xmipp3 - deep micrograph cleaner -> outputCoordinates Manua SetOfCoordinates (6431 items, 300 x 300)
  ctfRelations (from xmipp3 - ctf consensus -> outputCTF)   SetOfCTF   (47 items)
▽ Output
  ➡xmipp3 - extract particles small -> outputParticles   SetOfParticles (6368 items, 74 x 74, 1.98 Å/px)