

 **SCIPION** v3.0.6

View: Protocols SPA

- Protocols SPA
  - Imports
  - Movies
  - Micrographs
    - CTF estimation
    - Preprocess
  - Particles
    - Picking
      - xmipp3 - particle boxsize
      - xmipp3 - manual-picking (stac)
      - xmipp3 - auto-picking (stac)
      - xmipp3 - deep consensus pic
      - xmipp3 - deep micrograph cl
      - xmipp3 - assign tiltpairs
      - xmipp3 - picking consensus
      - xmipp3 - pick noise
      - xmipp3 - remove duplicates
      - sphire - cryolo picking**
      - sphire - cryolo training
      - relion - auto-picking
      - relion - auto-picking LoG
      - automatch - auto-picking
      - eman2 - boxer
      - eman2 - boxer auto
      - eman2 - sparx gaussian pick
      - cistem - find particles
    - Extract
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    - Filter
    - Mask
  - 2D
    - Align
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    - Initial volume
    - Preprocess
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    - Refine
    - Postprocess
    - Analysis
    - Reconstruct
  - Tools
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### Protocol Run: SphireProtCRYOLOPicking

Protocol: sphire - cryolo picking finished [Cite](#) [Help](#)

**Run**

Run name: sphire - cryolo picking [Edit](#) Comment: [Edit](#)

Run mode: ☒ Continue ☐ Restart [?](#) Host: localhost

Parallel: ☒ Threads ☐ MPI  [?](#) Use queue? ☐ Yes ☒ No [Edit](#) [?](#)

GPU IDs: ☒ Yes ☐ No  [?](#) Wait for: [?](#)

Expert Level: ☒ Normal ☐ Advanced

**Input** **Streaming**

**Input**

Input Micrographs: xmipp3 - ctf consensus GCTF+CTFFind4+Xmipp.outputMicrographs [Search](#) [Delete](#) [Eye](#) [?](#)

Picking model: general cryo (low-pass filtered) [?](#)

Confidence threshold: 0.3 [?](#)

Low-pass filter: ☐ Yes ☒ No [?](#)

Number of CPUs: 4 [?](#)

Box Size (optional): 300 [Search](#) [?](#)

[Close](#) [Save](#) [Execute](#)

**Summary** **Methods** **Output Log**

Input

- inputMicrographs (from xmipp3 - ctf consensus GCTF+CTFFind4+Xmipp -> output! SetOfMicrographs (28 items, 3710 x 3838, 0.49 Å/px))

Output

- sphire - cryolo picking -> outputCoordinates SetOfCoordinates (4511 items, 300 x 300)

SUMMARY

View: Tree

- GCTF+CTFFind4+... [Eye](#)
- sphire - cryolo picking finished [Eye](#)

[Ana](#)