

View Protocols SPA

☐ import micrographs

☐ import particles

☐ import volumes

▶ more

▶ Movies

▼ Micrographs

☐ xmipp3 - preprocess micrographs

▶ ☒ CTF estimation

▼ Particles

▶ ☒ Picking

▶ ☒ Extract

▶ ☒ Preprocess

▶ ☒ Filter

▶ ☒ Mask

▼ 2D

▶ ☒ Align

▶ ☒ Classify

▼ 3D

▼ ☒ Initial volume

☐ relion - 3D initial model

☐ xmipp3 - ransac

☐ xmipp3 - reconstruct significant

☐ xmipp3 - swarm consensus

☐ xmipp3 - convert a PDB

☐ eman2 - initial model

☐ eman2 - initial model SGD

☒ cryosparc2 - initial model

▶ more

▶ ☒ Preprocess

▶ ☒ Classify


▶ ☒ Refine

▶ ☒ Postprocess

▶ ☒ Analysis

▶ ☒ Reconstruct

Protocol Run: ProtCryoSparcInitialModel


Protocol: cryosparc2 - initial model
finished
[Cite](#)
[Help](#)

Run

Run name cryosparc2 - initial model O [✎](#) Comment [✎](#)

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

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

Wait for [?](#)

Expert Level ☒ Normal ☐ Advanced

Input Ab-Initio reconstruction Compute settings

Ab-Initio reconstruction

Number of Ab-Initio classes: [?](#)

Maximum resolution (Angstroms): [?](#)

Initial resolution (Angstroms): [?](#)

Noise model: [?](#)

Symmetry: [?](#)

Initial learning rate: [?](#)

Enforce non-negativity: ☒ Yes ☐ No [?](#)

Ignore DC component: ☒ Yes ☐ No [?](#)

Close Save Execute

Input particles (from input particles -> output particles [output particles]) SetOfParticles (3 items, 74 x 74, 1.98 Å/px)

▼ Output

☒ cryosparc2 - initial model O -> outputClasses

SetOfClasses3D (3 items)

☒ cryosparc2 - initial model O -> outputVolumes

SetOfVolumes (3 items, 64 x 64 x 64, 2.29 Å/px)

