

(A) Details Builder **Active** Cart

P33 J32 Import Particle Stack

Parameters 2 custom, 16 total

Particles 2 / 10

Particle meta path
/Share/home/humx/caimengjia/cryosieve/

Particle data path
/Share/home/humx/caimengjia/cryosieve/

Ignore raw data

Ignore pose data

Remove leading UID in input micrograph file name

Length of input micrograph file name prefix to cut
Not set

Length of input micrograph file name suffix to cut
Not set

Length of rlnMicrographName base name prefix to cut for query
Not set

Length of rlnMicrographName base name suffix to cut for query
Not set

Ignore half-set split if missing

Microscope Parameter Overrides 0 / 6

Accelerating Voltage (kV)
Not set

Spherical Aberration (mm)
Not set

Amplitude Contrast (fraction)
Not set

Pixel Size (Angstrom)
Not set

Data Sign
light-on-dark

Override Exposure Group ID
Not set

Actions Queue Job

(B) Details Builder **Active** Cart

P33 J33 Import 3D Volumes

Parameters 2 custom, 4 total

All Default Custom Show advanced

Volumes 2 / 4

Volume data path
/Share/home/humx/caimengjia/cryosieve/cr

EMDB ID
Not set

Type of volume being imported
map

Pixel size (A)
1.32

Actions Queue Job

(C) Details Builder **Active** Cart

P33 J34 Homogeneous Refinement

Inputs 2 connected

Particle stacks particle 1
Min: 1, Max: Infinity, Repeats: no
Group 1 → J6.imported_particles

Initial volume volume 1
Min: 1, Max: 1, Repeats: no
Group 1 → J26.imported_volume_1

Static mask mask 0
Min: 0, Max: 1, Repeats: no

Parameters 3 custom, 56 total

All Default Custom Show advanced

Particle preprocessing 0 / 3

Window dataset (real-space)

Window inner radius
0.85

Window outer radius
0.99

Homogeneous Refinement 2 / 34

Symmetry
C3

Do symmetry alignment

Re-estimate greyscale level of input reference

Number of extra final passes
0

Maximum align resolution (A)
Not set

Initial lowpass resolution (A)
30

GSFSC split resolution (A)
20

Actions Queue Job

(D) Details Builder **Active** Cart

P33 J34 Homogeneous Refinement

Parameters 3 custom, 56 total

Homogeneous Refinement 2 / 34

Initial lowpass resolution (A)
30

GSFSC split resolution (A)
20

Force re-do GS split

Enforce non-negativity

Window structure in real space

Skip interpolant premult

Ignore DC component

Ignore tilt

Ignore trefoil

Ignore tetra

Use random ordering of particles

Initial batchsize
0

Batchsize epsilon
0.001

Batchsize snrfactor
50

Reset input per-particle scale

Minimize over per-particle scale

Scale min/use start iter
0

Noise model (white, symmetric or coloured)
symmetric

Actions Queue Job