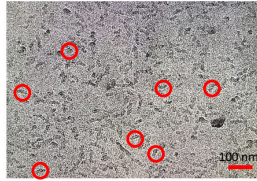


Collected 1544 movies



↓ Motioncorr2 and CTFFind

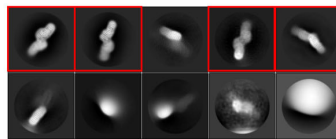
Selected 1255 good micrographs

↓ Autopicking

gCTF

226371 particles, pixel size 1.68 Å

↓ 2D classification

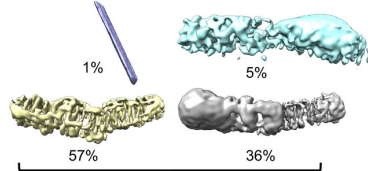


↓ Select four dimer classes

150138 particles extracted

↓ 3D classification

T=4, symmetry: C1



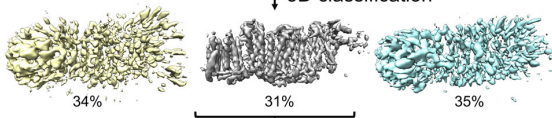
140351 particles, pixel size 0.84 Å

Expand particles in C2

Invert hand, 3D classification

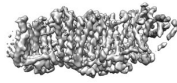
272878 particles extracted, pixel size 0.84 Å

↓ 3D classification

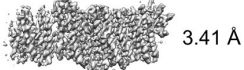


83340 particles extracted, pixel size 0.84 Å

3D auto-refinement, post processing

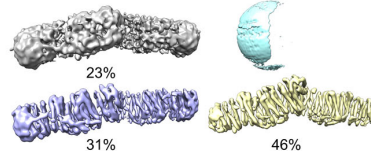


Invert hand, polishing, 3D auto-refinement



3.41 Å

T=4, symmetry: C1

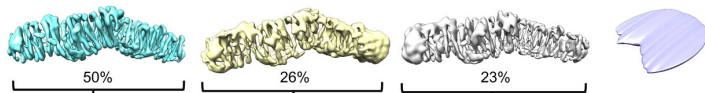


Select one class

89240 particles extracted

↓ 3D classification

T=4, symmetry: C1



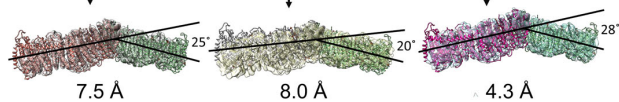
Selected three classes individually

10125 particles

21450 particles

25395 particles

3D auto-refinement, post-processing



7.5 Å

8.0 Å

4.3 Å