# version 30001

data\_optics

loop\_

\_rlnOpticsGroupName #1

\_rlnOpticsGroup #2

\_rlnMicrographOriginalPixelSize #3

\_rlnVoltage #4

\_rlnSphericalAberration #5

\_rlnAmplitudeContrast #6

\_rlnMicrographPixelSize #7

opticsGroup1 1 0.885000 200.000000 1.400000 0.100000 0.885000

# version 30001

data\_micrographs

loop\_

\_rlnCtfPowerSpectrum #1

\_rlnMicrographName #2

\_rlnMicrographMetadata #3

\_rlnOpticsGroup #4

\_rlnAccumMotionTotal #5

\_rlnAccumMotionEarly #6

\_rlnAccumMotionLate #7

MotionCorr/job003/Movies/20170629\_00021\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00021\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00021\_frameImage.star 1 16.420495 2.506308 13.914187

MotionCorr/job003/Movies/20170629\_00022\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00022\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00022\_frameImage.star 1 19.551677 2.478968 17.072709

MotionCorr/job003/Movies/20170629\_00023\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00023\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00023\_frameImage.star 1 17.547827 1.941103 15.606724

MotionCorr/job003/Movies/20170629\_00024\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00024\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00024\_frameImage.star 1 18.100817 1.722567 16.378250

MotionCorr/job003/Movies/20170629\_00025\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00025\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00025\_frameImage.star 1 24.129034 3.569005 20.560029

MotionCorr/job003/Movies/20170629\_00026\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00026\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00026\_frameImage.star 1 13.157146 1.829366 11.327780

MotionCorr/job003/Movies/20170629\_00027\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00027\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00027\_frameImage.star 1 15.087258 1.446982 13.640275

MotionCorr/job003/Movies/20170629\_00028\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00028\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00028\_frameImage.star 1 13.800697 1.106689 12.694009

MotionCorr/job003/Movies/20170629\_00029\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00029\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00029\_frameImage.star 1 16.183256 1.525671 14.657585

MotionCorr/job003/Movies/20170629\_00030\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00030\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00030\_frameImage.star 1 16.743798 1.883503 14.860296

MotionCorr/job003/Movies/20170629\_00031\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00031\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00031\_frameImage.star 1 13.607894 1.499256 12.108638

MotionCorr/job003/Movies/20170629\_00035\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00035\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00035\_frameImage.star 1 15.636644 1.686942 13.949702

MotionCorr/job003/Movies/20170629\_00036\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00036\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00036\_frameImage.star 1 12.979715 0.765371 12.214344

MotionCorr/job003/Movies/20170629\_00037\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00037\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00037\_frameImage.star 1 13.647807 1.401435 12.246372

MotionCorr/job003/Movies/20170629\_00039\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00039\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00039\_frameImage.star 1 12.160827 1.452939 10.707888

MotionCorr/job003/Movies/20170629\_00040\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00040\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00040\_frameImage.star 1 13.632912 1.228787 12.404124

MotionCorr/job003/Movies/20170629\_00042\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00042\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00042\_frameImage.star 1 15.115522 1.151673 13.963849

MotionCorr/job003/Movies/20170629\_00043\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00043\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00043\_frameImage.star 1 13.547137 1.361030 12.186107

MotionCorr/job003/Movies/20170629\_00044\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00044\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00044\_frameImage.star 1 15.221134 1.761495 13.459639

MotionCorr/job003/Movies/20170629\_00045\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00045\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00045\_frameImage.star 1 10.418015 1.084238 9.333777

MotionCorr/job003/Movies/20170629\_00046\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00046\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00046\_frameImage.star 1 11.558295 0.921003 10.637292

MotionCorr/job003/Movies/20170629\_00047\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00047\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00047\_frameImage.star 1 13.504645 0.801910 12.702735

MotionCorr/job003/Movies/20170629\_00048\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00048\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00048\_frameImage.star 1 12.203512 0.881317 11.322195

MotionCorr/job003/Movies/20170629\_00049\_frameImage\_PS.mrc MotionCorr/job003/Movies/20170629\_00049\_frameImage.mrc MotionCorr/job003/Movies/20170629\_00049\_frameImage.star 1 13.507392 1.432063 12.075329