

Supporting Information

Zhang et al. 10.1073/pnas.0901085106

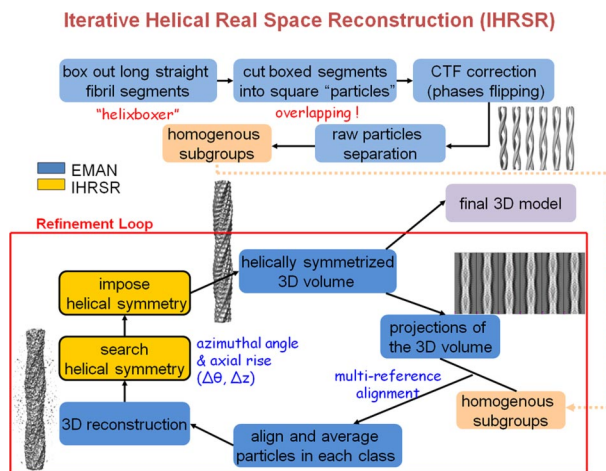


Fig. S1. The pipeline of image reconstruction. The operations in blue and yellow boxes were done by EMAN software and the IHRSR package, respectively.

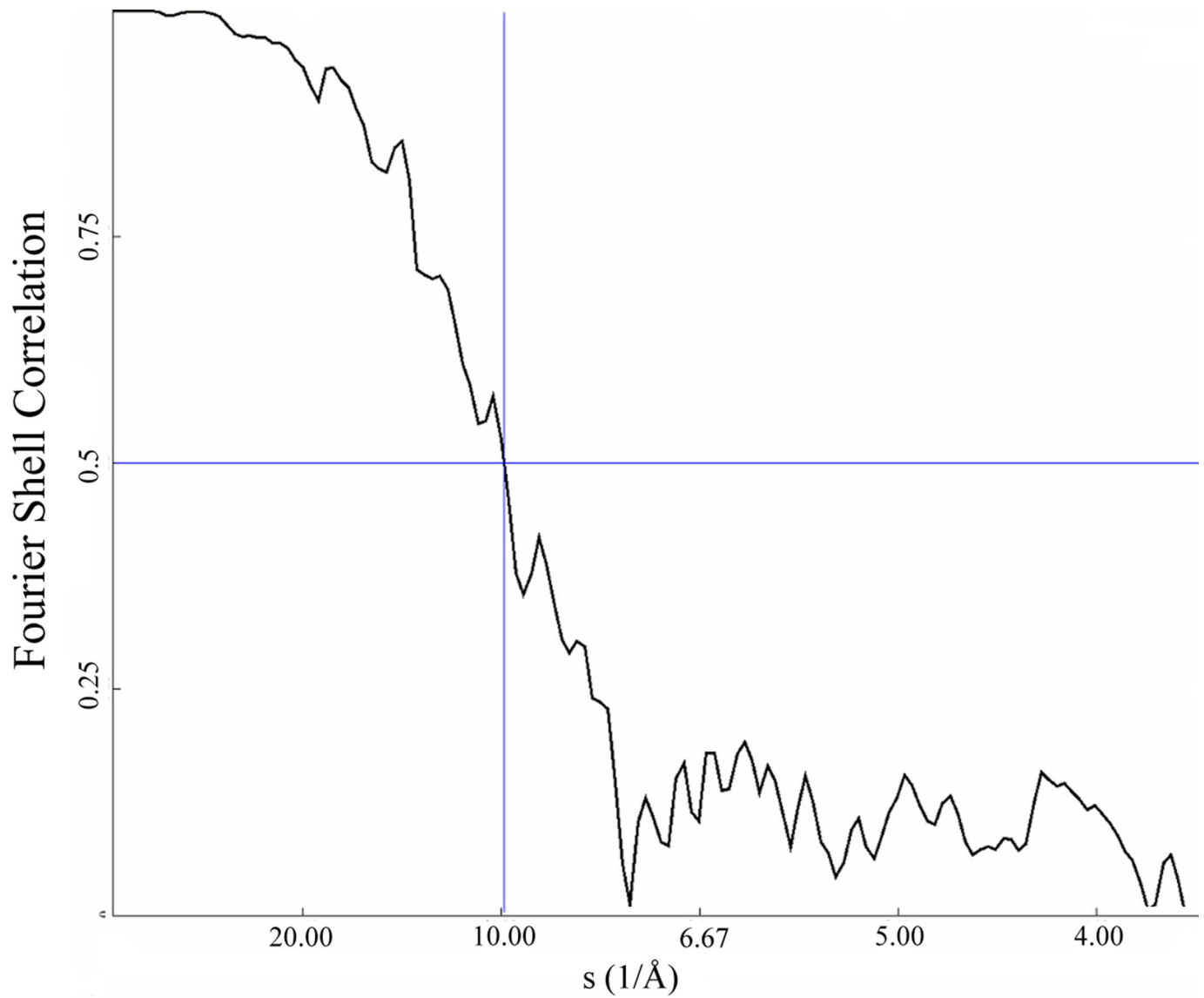


Fig. S3. Resolution of the reconstruction. The Fourier shell correlation (FSC) between two independently-reconstructed volumes (obtained by dividing the whole dataset into halves and carrying out two independent reconstruction processes) indicates that the resolution of the reconstruction is $\approx 10 \text{ \AA}$ when using a 0.5 cutoff.

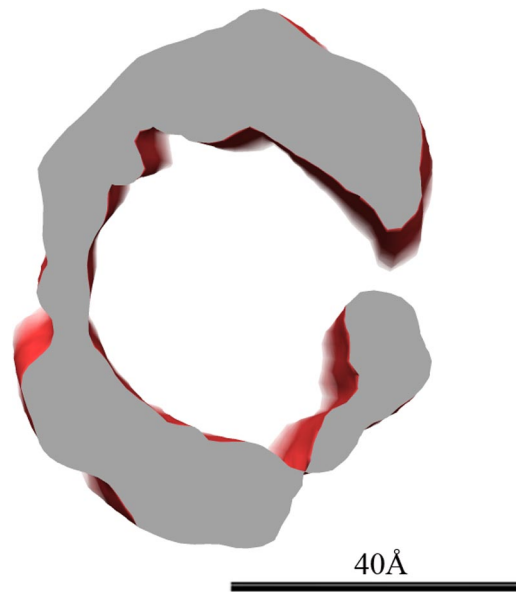


Fig. S4. The cross-section of the asymmetric C1 reconstruction after 20 iterations, which suggests a C2 symmetry along the fibril axis.