

TEM1 calibration (105kx)

TFS Krios G2 XFEG + Gatan BioQuantum K3

Apoferritin (Equine spleen)

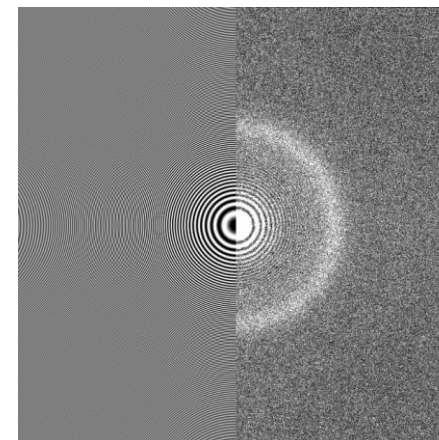
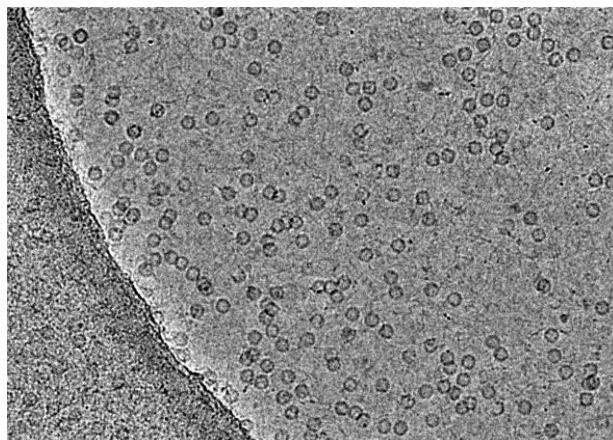
Stanford Cryo-EM Center (CEMC)

Collected 03/05/2025

Data collection

Magnification	105,000x
Pixel Size (nominal)	0.85 Å/pix
<u>Pixel Size (calibrated)</u>	<u>0.8326 Å/pix</u>
Dose	40 e/Å ²
Frames (Internal)	117
Frames (Fractions)	39
Exposure Time	1.61 sec
Defocus range	-2.6,-2.3,-2.0,-1.7,-1.4,-1.1
File format	.tiff
Slit Size	20 eV
C2 Aperture	50 µm
Objective Aperture	No
Fringe Free	No

High defocus



Low defocus

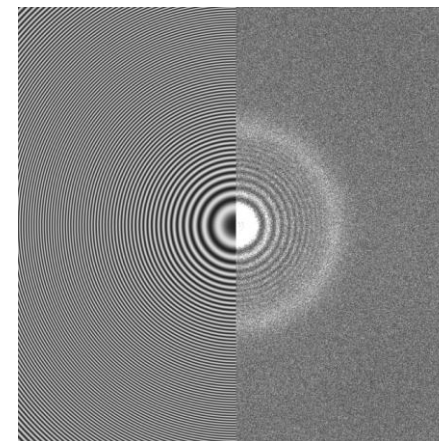
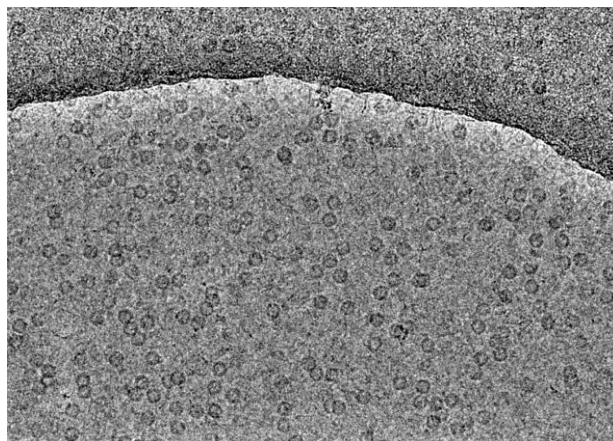
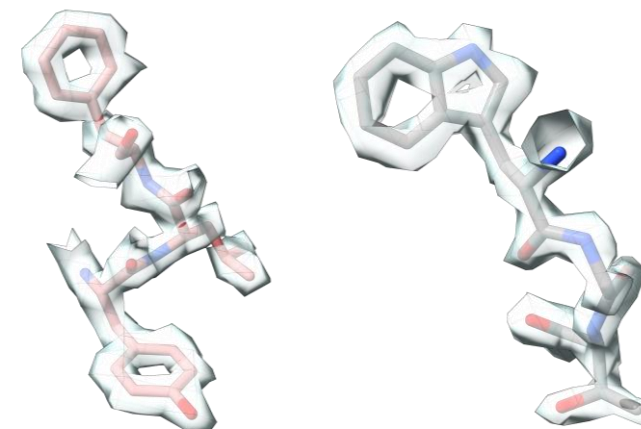
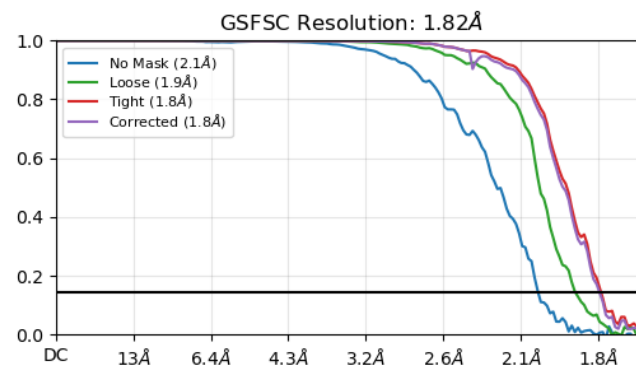
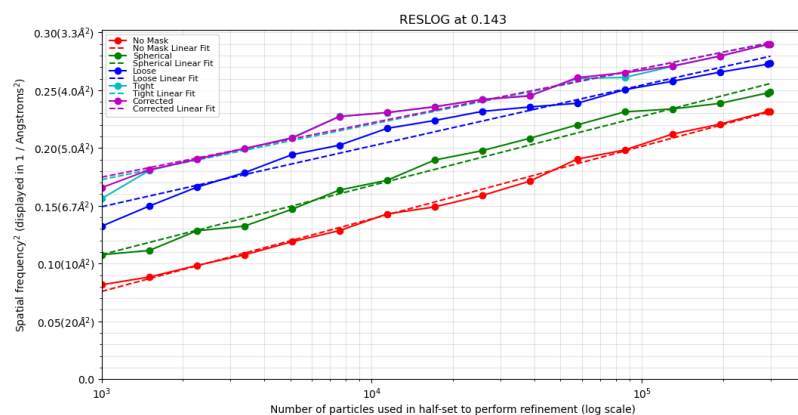
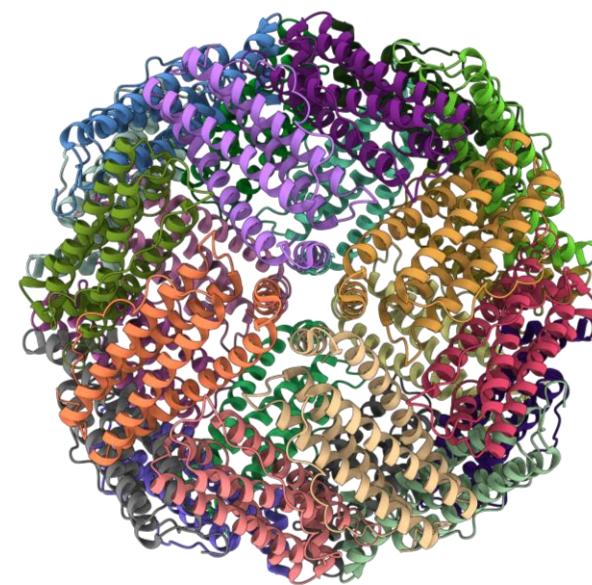
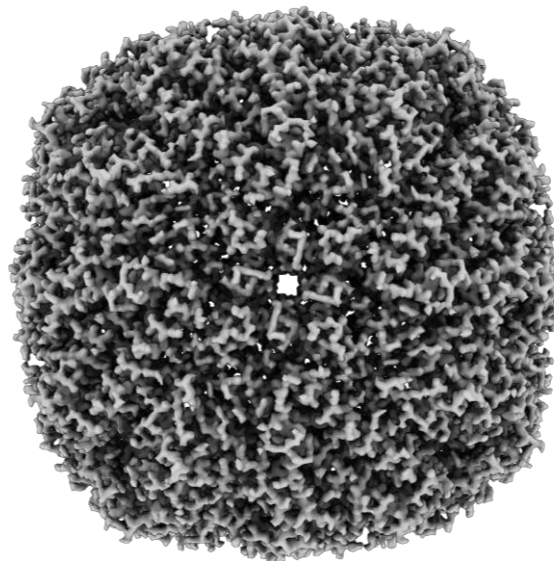


Image Processing

Software	CryoSPARC 4.7.1
Movies used	10,425
Final particles	599,066
GSFSC 0.143	1.82 Å



TEM1 calibration (130kx)

TFS Krios G2 XFEG + Gatan BioQuantum K3

Apoferritin (Equine spleen)

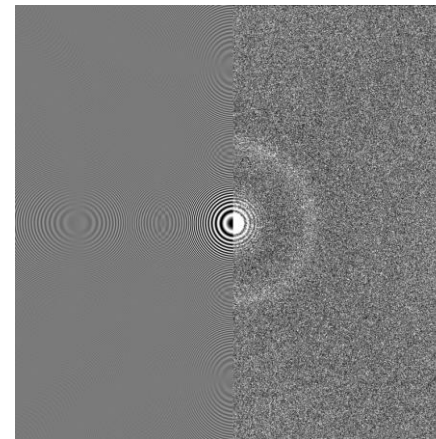
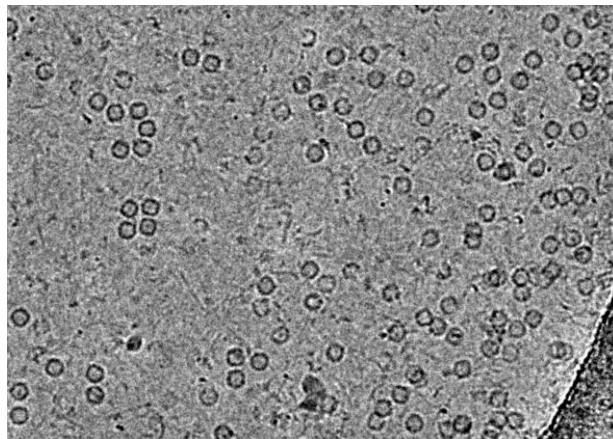
Stanford Cryo-EM Center (CEMC)

Collected 02/21/2025

Data collection

Magnification	130,000x
Pixel Size (nominal)	0.67 Å/pix
<u>Pixel Size (calibrated)</u>	<u>0.656308 Å/pix</u>
Dose	50 e/Å ²
Frames (Internal)	92
Frames (Fractions)	46
Exposure Time	1.23 sec
Defocus range	-2.6,-2.3,-2.0,-1.7,-1.4,-1.1
File format	.tiff
Slit Size	20 eV
C2 Aperture	50 µm
Objective Aperture	No
Fringe Free	No

High defocus



Low defocus

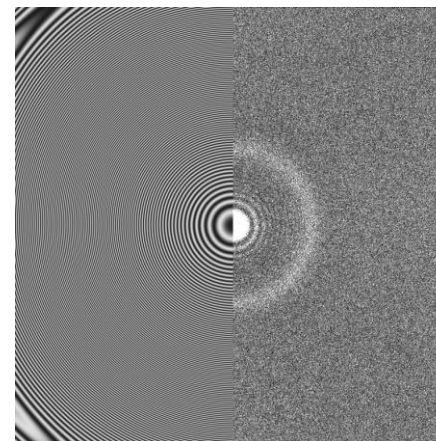
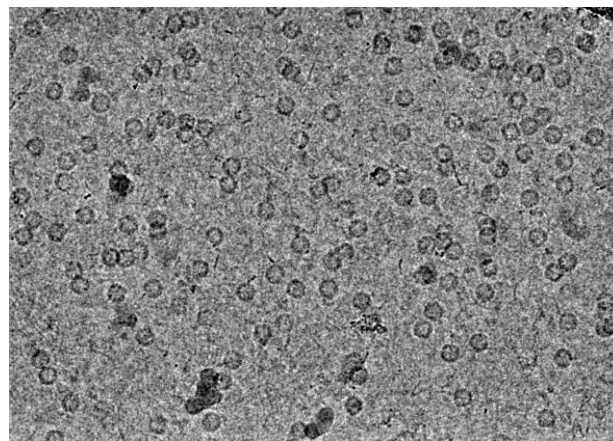


Image Processing

Software	CryoSPARC 4.7.1
Movies used	4,723
Final particles	435,434
GSFSC 0.143	1.91 Å

