

Sample		EIAV Gag Δ MA spheres pH6	EIAV Gag Δ MA tubes pH6	EIAV Gag Δ MA spheres pH8	EIAV Gag Δ MA tubes pH8
Acquisition settings	Microscope	FEI Titan Krios	FEI Titan Krios	FEI Titan Krios	FEI Titan Krios
	Voltage (keV)	300	300	300	300
	Detector	Gatan Quantum K2	Gatan Quantum K2	Gatan Quantum K2	Gatan Quantum K2
	Energy-filter	Yes	Yes	Yes	Yes
	Slit width (eV)	20	20	20	20
	Super-resolution mode	Yes	Yes	Yes	Yes
	Å/pixel	1.041	1.041	1.35	1.35
	Defocus range (microns)	-1.5 to -3.5	-1.5 to -3.5	-1.5 to -5.0	-1.5 to -5.0
	Defocus step (microns)	0.25	0.25	0.25	0.25
	Acquisition scheme	-60/60°, 3°, Serial EM	-60/60°, 3°, Serial EM	-60/60°, 3°, Serial EM	-60/60°, 3°, Serial EM
	Total Dose (electrons/Å²)	~140	~140	~140	~140
	Dose rate (electrons/Å²/sec)	~2.5	~2.5	~2.5	~2.5
	Frame number	21	21	20	20
	Tomogram number	40	20	55	56
	Processing settings	VLPs	175	152	158
Asymmetric units		389,766	225,858	394,842	179,720
B-factor used for sharpening		-270	-150	-245	-150
Final resolution (0.143 FSC) in Å		3.7	3.8	3.9	3.7