

Supplementary information, Table S1 Data collection and model statistics

Data collection				
EM equipment	FEI Tecnai Polara			
Voltage (kV)	300			
Detector	Falcon III			
Pixel size (Å)	1.34			
Electron dose (e ⁻ /Å ²)	40			
Defocus range (µm)	1.8-5			
Micrographs				
Reconstruction				
Software	RELION 1.4			
Maps	C1	C3	C4	open
Symmetry	C 4			
Final Resolution (Å)	3.8	4.2	4.0	5.7
Map sharpening B-factor (Å ²)	110	110	130	450
Accuracy of rotations (°)	0.7	0.7	0.8	1
Accuracy of translation (pixels)	0.6	0.6	0.7	0.9
Model building				
Software	DireX & Coot			
Refinement				
Software	Refmac & Phenix			
Average Fourier shell correlation	0.84	0.77	0.85	0.90
R-factor	0.30	0.30	0.30	0.28
Validation				
R.m.s deviations				
Bonds length (Å)	0.01	0.01	0.01	0.01
Bonds Angle (°)	1.32	1.56	1.47	1.58
Ramachandran plot statistics (%)				
Preferred	92.2	91.6	91.0	90.5
Allowed	5.5	6.1	6.1	6.8
Outlier	2.3	2.3	2.9	2.7
