

Table S3. Electron microscopy (EM) data collection and processing statistics

	Ab283 <sup>mur</sup> - RC1- 8ANC195	Ab1170 <sup>NHP</sup> - RC1- 8ANC195	NHP post-P / RC1	NHP post-B1 / RC1	Rabbit post-B2 / B41
<b>EMD</b>	<b>24853</b>	<b>24854</b>	<b>24860</b>	<b>24861</b>	<b>-</b>
<b>Data collection conditions</b>					
Sample	cryo	cryo	negative stain	negative stain	negative stain
Microscope	Talos Arctica	Talos Arctica	Talos Arctica	Talos Arctica	Talos Arctica
Camera	Falcon 3EC	Gatan K3 Summit	Gatan K3 Summit	Gatan K3 Summit	Gatan K3 Summit
Magnification	92,000x	45,000x	28,000x	28,000x	28,000x
Voltage (kV)	200	200	200	200	200
Recording mode	counting	counting	counting	counting	counting
Dose rate (e <sup>-</sup> /pixel/s)	1.06	12.7			
Electron dose (e <sup>-</sup> /Å <sup>2</sup> )	39.2	60	10	10	15
Defocus range (μm)	1.2 – 3.0	1.0 – 2.5	1.0 - 1.5	1.0 - 1.5	0.5 - 2.0
Pixel size (Å)	1.145	0.8972	1.437	1.437	1.437
Micrographs collected	365	1,151	483	1,399	1,329
Micrographs used	346	1,079	423	1,260	1,329
Total extracted particles	92,225	170,550	180,049	909,046	633,617
Refined particles	41,961	91,166			
Particles in final reconstruction	8,469	91,166	9,757	55,890	42,248
Symmetry imposed	C3	C1	C1	C3	C1
FSC=0.143 Resolution (Å)	5.2	4.5	-	-	-

  

	Rabbit post-P / RC1	Rabbit post-B1 / RC1	Rabbit post-B2 / RC1	Rabbit post-B3 / RC1	Rabbit post-B4 / RC1
<b>EMD</b>	<b>24855</b>	<b>24856</b>	<b>24857</b>	<b>24858</b>	<b>24859</b>
<b>Data collection conditions</b>					
Microscope	negative stain Tecnai T12	negative stain Talos Arctica	negative stain Talos Arctica	negative stain Talos Arctica	negative stain Talos Arctica
Camera	Gatan Ultrascan 2k X 2k CCD	Gatan K3 Summit	Gatan K3 Summit	Gatan K3 Summit	Gatan K3 Summit
Magnification	56,000x	28,000x	28,000x	28,000x	28,000x
Voltage (kV)	120	200	200	200	200
Recording mode	linear	counting	counting	counting	counting
Dose rate (e <sup>-</sup> /pixel/s)					
Electron dose (e <sup>-</sup> /Å <sup>2</sup> )	10	15	15	15	15
Defocus range (μm)	1.0-1.5	0.5 - 3.5	0.5 - 3.5	0.5 - 2.0	0.5 - 2.0
Pixel size (Å)	2.06	1.437	1.437	1.437	1.437
Micrographs collected	265	1,186	822	1,745	877
Micrographs used	172	357	593	1,138	252
Total extracted particles	18,290	259,911	624,021	820,444	61,022
Refined particles					
Particles in final reconstruction	12,842	20,549	8,871	14,876	9,854
Symmetry imposed	C3	C1	C1	C1	C1
FSC=0.143 Resolution (Å)	-	-	-	-	-