|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | State 1 | State 2 | State 3 |
| Molecular mass (kDa) | 558 | Particles | 95,345 | 67,829 | 53,587 |
| Sample support | Quantifoil R2/2 | Resolution (Å) | 6.9 | 7.8 | 8.5 |
| Microscope | Titan Krios | Running average frames/window | 7/19 | 7/19 | 7/19 |
| Detector | Falcon II | Accuracy rotations (°) | 3.12 | 3.37 | 3.8 |
| Voltage (kV) | 300 | Accuracy translations (pix) | 1.82 | 2.01 | 2.43 |
| Pixel size/Box size (Å) | 1.4/350 | Model-to-map correlation fit^ (across atoms in volume) | 0.92 | 0.92 | 0.92 |
| No. of movie frames | 20 |
| Exposure time (s) | 2 |
| Electron dose (e-. Å2) | 29 |
| Micrographs recorded/used | 8640/8388 |
| Particles picked/used | 395,140/  216,711 |

^ calculated using Chimera fit to map (Pettersen, E.F. et al. UCSF Chimera--a visualization system for exploratory research and analysis. *J Comput Chem* **25**, 1605-12 (2004).)