**Supplementary file 2. Superimposition of cryo-EM structures.**

|  |  |  |  |
| --- | --- | --- | --- |
| structure | total # of C's aligned (structural core)a | rmsd (Å) (structural core alignment) | clampb rmsd (Å) (461 C's) |
| RbpA/A-holo/(us-fork)2 (reference) | 1,034 | 0 | 0 |
| RbpA/A-holo | 900 | 0.386 | 9.01 |
| Fdx/RbpA/A-holo/us-fork | 898 | 0.384 | 12.4 |
| Fdx/RbpA/A-holo | 900 | 0.386 | 13.5 |

aStructural core module:  residues 30-53, 177-182, 370-380, 445-639, 705-747, 879-1116; ' 414-443, 496-863, 1247-1282; .

bClamp module:  residues 1117-1140; ' residues 1-140, 231-413, 1219-1245.