**S2 Table.** X-ray crystallography data collection and refinement statistics

|  |  |
| --- | --- |
|  | **TERT complex** |
| **Data collection** |  |
| Space group | P21 |
| Cell dimensions |  |
|  *a*, *b*, *c* (Å) | 80.0 52.1 100.5  |
| *α, β, γ* (°)  | 90 98.5 90 |
| Resolution (Å) | 20-2.8 (2.95-2.80)\* |
| CC(1/2) | 99.9 (55.5) |
| *I* / σ*I* | 12.1 (1.1) |
| Completeness (%) | 98.8 (99.3) |
| Redundancy | 20 (18) |
|  |  |
| **Refinement** |  |
| Resolution (Å) | 20-2.8 |
| No. reflections | 19145 |
| *R*work / *R*free | 24.2/29.3 |
| No. atoms | 5495 |
|  Protein | 4987 |
|  Ligand/ion | 509/2 |
| *B*-factors |  |
|  Protein | 59 |
|  Ligand/ion | 77 |
| R.m.s. deviations |  |
|  Bond lengths (Å) | 0.004 |
|  Bond angles (°) | 0.840 |

\* Number of crystals used - three. \*Values in parentheses are for highest-resolution shell.