|  |  |
| --- | --- |
|  | **FliCBp (residues 69-326)** |
| **Data collection** |  |
| Space group | P212121 |
| Cell dimensions |  |
| *a*, *b*, *c* (Å) | 23.47 72.78 125.6 |
|  (°) | 90 90 90 |
| Resolution (Å) | 24.26-1.3 (1.32-1.3) |
| a*R*merge | 0.052 (0.275) |
| a*I* / *I* | 14 (4.8) |
| aCompleteness (%) | 99.7 (99.3) |
| aRedundancy | 4.3 (3.9) |
|  |  |
| **Refinement** |  |
| Resolution (Å) | 23.83-1.3 |
| No. reflections | 51380 |
| *R*gen / *R*free | 13.6/16.5 |
| No. atoms |  |
| Protein | 2133 |
| Water | 337 |
| *B*-factors (Å2) |  |
| Protein |  |
| Water |  |
| R.m.s. deviations |  |
| Bond lengths (Å) | 0.008 |
| Bond angles (°) | 1.172 |
| Ramachandran Plot (%)  Favoured regions  Allowed regions |  |

**Table S1: Data collection and refinement statistics for FliCBp**