|  |  |  |
| --- | --- | --- |
| **Data collection** | 3Dpol-3B1-UTP  (PDB id **8C1N**) | 3DpolStop-3B3  (PDB id **8C2P**) |
| Beamline | XALOC(ALBA) | XALOC (ALBA) |
| Resolution (Å) | 49.234- 1.7 | 46.756-1.85 |
| Space Group | P212121 | P3221 |
| Cell dimensions |  |  |
| a, b, c (Å) | 93.343 97.024 115.902 | 95.51 95.51 100.34 |
| α, β, γ (º) | 90.0 90.0 90.0 | 90.0 90.0 120.0 |
| Rmerge | 0.060 (0.858) | 0.054 (0.671) |
| I/σI | 12.8 (1.1) | 18.9 (2.5) |
| Completeness (%) | 97.7 (87.5) | 99.3 (98.6) |
| Multiplicity | 3.6 (2.7) | 6.3 (6.4) |
| **Refinement** |  |  |
| Resolution (Å) | 49.28- 1.7 | 46.756-1.85 |
| No. reflections (total/unique) | 405084 (113370) | 275100 (43448) |
| Rwork† / Rfree‡ | 21.96/23.78 | 24.26/26.25 |
| **No. Atoms/Residues** |  |  |
| 3Dpol | 7474/ 943 | 3673/468 |
| VPg | 137/17 | 32/6 |
| Waters | 599/599 | 51/51 |
| **B-factors (Å2)** |  |  |
| All atoms | 20.71 | 46.98 |
| 3Dpol | 19.24 | 46.99 |
| VPg | 19.34 | 60.35 |
| **R.m.s. deviations** |  |  |
| Bond lengths (Å) | 0.0026 | 0.009 |
| Bond angles (°) | 1.166 | 1.020 |
| **Ramachandran plot** |  |  |
| Residues in preferred regions (%) | 98.5 | 97.45 |
| Residues in allowed regions (%) | 1.5 | 2.55 |

S3 Table