|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Interface**  **Area(**Å2**)** | **αβ** | **βα\*** | **α\*γ** | **γβ\*** | **β\*α** |
| **S+** | 12795 | 12290 | 12318 | 11892 | 12291 |
| **S-** | 12290 | 12318 | 11892 | 12291 | 12795 |
| **ST** | 21917 | 21669 | 21898 | 21539 | 21885 |
| **Sinterface** | 1584 | 1470 | 1156 | 1322 | 1601 |

Note: The solvent accessible surface area is measured using the script get\_area in Pymol. The transmembrane helixes were deleted before measuring the solvent accessible surface area. S+ stands for the surface area of the isolated subunit at (+) side, S- for the isolated subunit at (-) side, ST for isolated dimer and Sinterface for the interface between two subunits. The Sinterface is finally calculated by (S++ S--ST)/2.

**Supplementary File** **2.**