**Table S3 - Percentage of the CG simulation time with CHOL interacting in the vicinity of the LAS in which residues are in contact with the cholesterol residues that bound near the bottom of the extracellular allosteric pocket of GlyT2 when OLLeu is bound in the extracellular allosteric pocket.**

Only interactions that occur for >15% of the total simulation time are reported.a

|  |  |  |
| --- | --- | --- |
| Region | Residue | Occupancy |
| TM1 | K197 | 37.6 |
| TM1 | I198 | 51.7 |
| TM1 | I201 | 58.2 |
| TM1 | L202 | 50.5 |
| TM1 | V205 | 57.9 |
| TM1 | N213 | 73.5 |
| TM1 | V214 | 28.5 |
| TM1 | P218 | 30.2 |
| TM5 | T427 | 57.4 |
| TM5 | Y430 | 95.1 |
| TM5 | V431 | 66.3 |
| TM5 | L433 | 74.3 |
| TM5 | V434 | 95.8 |
| TM5 | L437 | 57.4 |
| TM7 | T502 | 25.5 |
| TM7 | L503 | 42.6 |
| TM7 | I504 | 72.8 |
| TM7 | T508 | 81.2 |
| TM7 | A511 | 74.3 |
| TM7 | T512 | 87.6 |
| TM7 | F515 | 91.8 |
| TM7 | A516 | 36.1 |
| TM7 | V519 | 37.9 |
| TM8 | F567 | 18.6 |
| TM8 | M570 | 34.7 |
| – | OLLeu | 29.5 |

aAn interaction is defined as a minimum distance between beads in the residues to be < 6 Å.