Table S2.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Redocking | Unwinding | Truncation by shutter | Total  |
| **[CYT-19] (µM)** | **# molecules** | ***k*dock (min-1) (fraction)** | ***k*unwind (min-1) (fraction)** | ***k*truncation (min-1) (fraction)** | ***k*obs (min-1) (fraction)** |
| 0.5 | 945 | 7.7 (0.38) | 6.8 (0.37) | 4.9 (0.25) | 20 (1) |
| 1 | 206 | 4.0 (0.27) | 3.3 (0.25) | 7.2 (0.48) | 15 (1) |
| 2 | 217 | 4.0 (0.21) | 9.7 (0.55) | 4.5 (0.24) | 19 (1) |