**S5 Table**

|  |  |
| --- | --- |
| Initial State Final State Rate (sec-1) | Initial State Final State Rate (sec-1) |
| Simplest Model |
| 0 1 3.12851 0 20.565 1 2 5.60322 1 62.9762 3 29.287 | 3 2 77.8863 4 42.2114 3 73.6034 5 32.2765 4 66.83 |
| Best Model |
| 0a 0b 1.018230b 0a 0.7620160a 1a 7.3944 1a 0a 24.202976 1a 1b 1.091681b 1a 6.57402a 1a 62.77213 1a 2a 6.498182a 2b 12.0142  | 2b 2a 9808542.88 2a 3a 29.563197 3a 2a 80.2461 2b 3b 1.1047673b 2b 10.96553a 4 43.88874 3a 80.27613 4 5 38.60615 4 71.21032 |