**S3 Table**

|  |  |
| --- | --- |
| Initial State Final State Rate (sec-1) | Initial State Final State Rate (sec-1) |
| Simplest Model |
| 0 1 1.77181 0 32.4551 2 5.9403 | 2 1 64.5412 3 13.1893 2 52.442 |
| Best Model |
| 0a 1a 3.946111a 0a 30.549680b 1b 0.81611b 0b 35.31431a 1b 7.133351b 1a 3.104081a 2a 1.1194782a 1a 3.104081a 2b 4.0590752b 1a 35.318798 | 1b 2b 6.2418992b 1b 23.63388 2a 2b 36431.80192b 2a 6105.47662a 3a 1.204083a 2a 1639.846 2b 3b 22.88655 3b 2b 53.949 3a 3b 20851.429 3b 3a 6.048  |