**Supporting Table S2. Rate constants applied in the simulation of experimental data (Figure 4A) to the theoretical square model by Copasi in Figure S1.**

|  |  |  |
| --- | --- | --- |
|  | ***k*forw** (s-1) | ***k*rev** (s-1) |
| **D - N** | 1.2 | 0.001 |
| **N’- N** | 0.001 | 0.00014 |
| **Dcis-P – N’** | 0.007 | 0.000016 |
| **Dcis-P - D** | 0.01 | 0.0039 |