**Supplementary file 3. Conditions for kinetic experiments with Cy3-AP3.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample | [Cy3-AP3]  (nM) | [RNAP]  (nM) | [RbpA]  (nM) | [CarD]  (nM) |
| *Eco* holo | 1 | 5, 10, 25, 50, 100, 200, 400 |  |  |
| *Mbo* holo | 1 | 3, 5, 10, 25, 50, 100, 200, 400 |  |  |
| *Mbo* holo+RbpA | 1 | 3, 5, 10, 25, 50, 100, 200, 400 | 5,000 |  |
| *Mbo* holo+CarD | 1 | 3, 5, 10, 25, 50, 100, 200, 400 |  | 10,000 |
| *Mbo* holo+RbpA+CarD | 1 | 3, 5, 10, 25, 50, 100, 200 | 5,000 | 10,000 |