Supplementary Tables and their legends

**Table S3. DNA/**RNA oligonucleotides used in this **study**

| Name | Sequence |
| --- | --- |
| EC\_a-template-DNA | 5’-CGAGGTCGAGCGTTGTCCTGGT-3’ |
| EC\_a-bubble-template-DNA | 5’-CGAGGTCGAGCGTTGTCCTGGTGCTACGACGATCAG-3’ |
| EC\_b-template-DNA | 5’-CGAGGTCGAGCGTGTCCTGGTCTAG-3’ |
| EC\_c-template-DNA | 5’-CGAGGTCGAGCGTGTCCTGGTC-3’ |
| EC\_x-template-DNA | 5’-AAGTCAAGTACTTACGCCTGGTCATTACTAGTACTGCC-3’ |
| EC-nontemplate-DNA | 5’-CGCTCGACCTCG-3’ |
| EC\_a-bubble-nontemplate-DNA | 5’-CTGATCGTCGTAGCTCACACTGTCCGCTCGACCTCG-3’ |
| EC\_x-tail-nontemplate-DNA | 5’-TAGTACTTGACTT-3’ |
| EC\_x-bubble-nontemplate-DNA | 5’-GGCAGTACTAGTAAACTAGTATTGAAAGTACTTGACTT-3’ |
| EC\_a/c-RNA | 5’-FAM-AACGGAGACCAGGAC-3’ |
| EC\_b-RNA | 5’-FAM-GACCAGGAC-3’ |
| EC\_x-RNA | 5’-Cy5-UAUAUGCAUAAAGACCAGGC-3’ |