

### Extension Change

Force	Average (nm/nt)	Standard Error	N
10	0.0172	0.0030	5
20	0.0168	0.0018	5
35	0.0103	0.0014	5
50	0.0052	0.0011	5
65	0.0046	0.0005	5
80	0.0045	0.0005	5

Average extension change, associated standard errors, and biological replications (N) for measurements of A3G binding to ( $k_{on}$ ) and dissociation from ( $k_{off}$ ) ssDNA as plotted in figure 3A.