

**Table II.** Kmax values (1/s) upon release in the presence of ATP for the wild type and the E38A mutants. This experiment was done using single and double end-blocked G.T mismatch-containing DNA, by surface plasmon resonance.

	WT	E38A	E38T	E38Q
<b>Single block</b>	0.142 ± 0.007	0.146 ± 0.005	0.141 ± 0.003	0.136 ± 0.003
<b>Double end-blocked</b>	0.036 ± 0.002	0.098 ± 0.006	0.050 ± 0.002	0.038 ± 0.003