

Table S2. **Values of the enzymatic rate constants**

Enzymatic rate	k_{cat}	
		s^{-1}
Unwinding α	19.9	(>0.2)
Resynthesis γ	25.5	(>1.5)
Rechromatinization δ	0.001	(0.001;0.0011)
Reannealing ϵ	5.3	(>0.9)