

Supporting information for Leng and McMacken (2002) *Proc. Natl. Acad. Sci. USA*,  
10.1073/pnas.142002099.

**Table 2. Effect of specific DNA-binding proteins on transcription-induced DNA supercoiling by *E. coli* RNA polymerase**

Protein(s) added	DNA template	Binding sites	Mass, kDa	$K_d$ , nM	DNA-bending angle	Stimulation of supercoiling
$\lambda$ O	pRLM409	4	270	3	85°	++++
$\lambda$ O	pRLM411	1	67	3	85°	++++
$\lambda$ O	pRLM412	2	135	3	85°	++++
<i>EcoRI</i>	pRLM375	1	62	$2 \times 10^{-3}$	20°	–

Transcription-supercoiling reactions were performed and analyzed as described in footnote (\*) to Table 1, except that *E. coli* RNA polymerase replaced T7 RNA polymerase. See the footnotes to Table 1 for additional information.