

Supplementary table. Sedimentation velocity parameters for complexes of C.Esp1396I with 35 bp DNA fragments containing *Pesp1396ICR* and *Pesp1396IM* binding sites

Species	s^a (x 10⁻¹³ s)	s_{20,w}^b (x 10⁻¹³ s)	M_r^c (kDa)	M_r^d (kDa)	f/f₀^e
CR-promoter	2.69	2.81	23.7	22.2	1.95
4:1 protein:DNA	3.94	4.12	60.0	60.2	1.64
M-promoter	2.59	2.71	23.5	22.2	2.00
2:1 protein:DNA	3.29	3.39	40.3	41.2	1.71

^a Experimental sedimentation coefficient obtained from SEDFIT

^b Corrected sedimentation coefficient

^c Experimental M_r from c(M) plot

^d Theoretical M_r for DNA and DNA-protein complexes

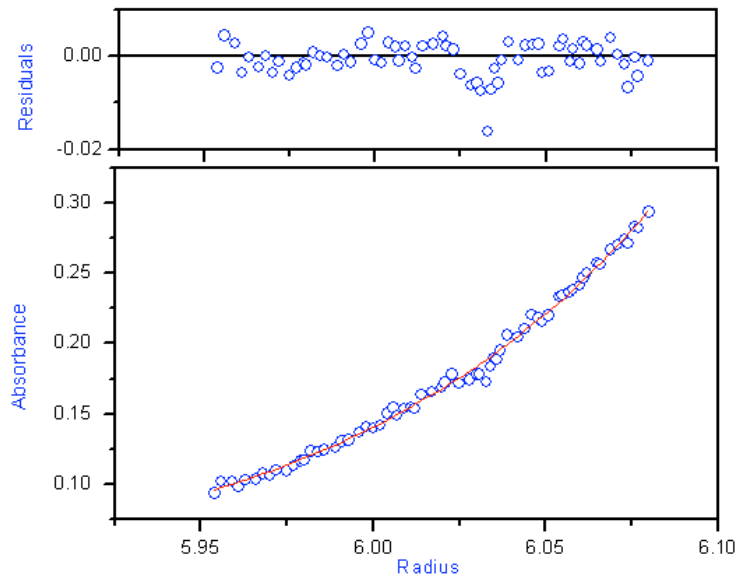
^e Frictional ratio obtained from SEDFIT

Supplementary Figure 1. Sedimentation equilibrium analysis of the dimerisation of C.Esp1396I

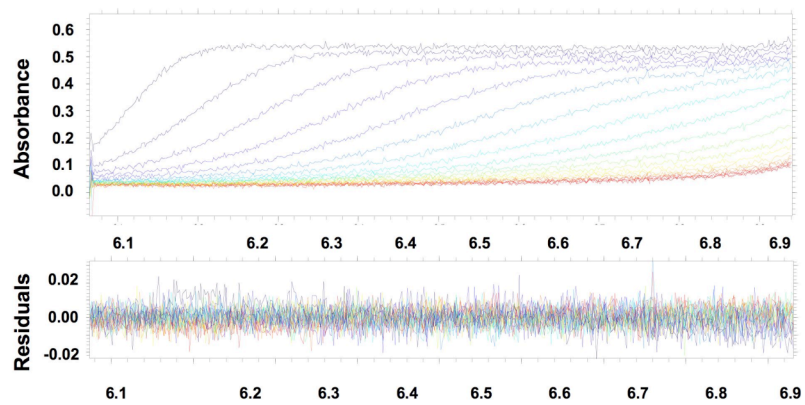
Data were collected at 15, 18 and 21 hours, monitoring absorption at a wavelength of 275 nm. A representative absorption profile is shown after 15 hours, with a rotor speed of 28,000 rpm and protein concentration 64 μ M.

Supplementary Figure 2. Sedimentation velocity analysis of C.Esp1396I-DNA complexes.

Data from a single velocity experiment (*Pesp1396IM* DNA duplex), together with the residuals from the fit. For clarity, every fifth scan is shown.



Supplementary Figure 1.



Supplementary Fig. 2