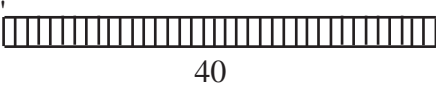

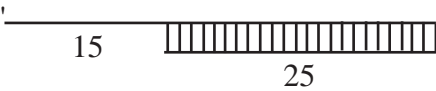


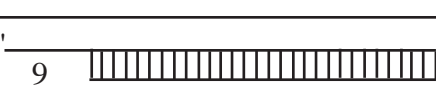
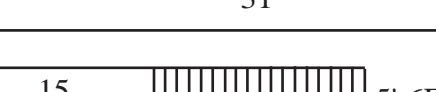
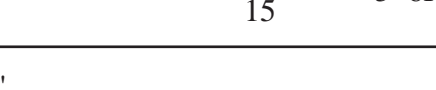


Table 1. Binding of the central domain of ERCC1 to different DNA substrates at 20 mM NaCl

DNA oligomers (annealed as described below)

- 1 5'-6FAM-CCGGTGGCCAGCGCTCGGCGT₂₀
- 2 5'-A₂₀CGCCGAGCGCTGGCCACCGG
- 3 5'-A₂₀CGCCG
- 4 5'-AAAAACGCCGAGCGCTGGCCACCGG
- 5 5'-A₂₀CGCCGAG
- 6 5'-A₂₀CGCCGAGCG
- 7 5'-A₂₀CGCCGAGCGCT
- 8 5'-6FAM -GTCGGACTGATTCGG
- 9 5-GGCCTGCCACCGCTCCGAATCAGTCCGAC

#	Annealed oligomers	DNA substrate	K _D , μM
1	1 + 2	6FAM-5' 	47 ± 4
2	1	6FAM-5' 	1.8 ± 0.2
3	1 + 3	6FAM-5' 	3.7 ± 0.4
4	1 + 5	6FAM-5' 	4.2 ± 1.1
5	1 + 6	6FAM-5' 	6.9 ± 0.9
6	1 + 7	6FAM-5' 	7.0 ± 1.7
7	8 + 9	5' 	2.0 ± 0.1
8	1 + 4	6FAM-5' 	16 ± 4