

Table 2 Comparison of kinetic parameters of polymerization by Pol β and T7 Pol (exo⁻) for various DNA substrates

Results are means \pm S.D.

DNA, substrate \rightarrow product	Pol β		T7 pol (exo ⁻)	
	k_{pol} (s ⁻¹)	K_d (μ M)	k_{pol} (s ⁻¹)	K_d (μ M)
25A/45TA \rightarrow 26AT/45TA	16.7 \pm 0.7	41 \pm 6	330 \pm 58	23 \pm 5
25A-19/45TA \rightarrow 26AT-19/45TA	21.9 \pm 0.5	5.4 \pm 0.7	240 \pm 67	23 \pm 3
25A-18/45TA \rightarrow 26AT-18/45TA	16.9 \pm 0.7	25.3 \pm 4.6	–	–