ADDITIONS AND CORRECTIONS

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Michael Trieb, Christine Rauch, Bernd Wellenzohn, Fajar Wibowo, Thomas Loerting, and Klaus R. Liedl*: Dynamics of DNA: B_I and B_{II} Phosphate Backbone Transitions

Pages 2474 and 2475. In section 3.3 entitled "Kinetic and Thermodynamic Results" the sentence starting at the bottom of the page reads correctly: The rate constant (k) can be derived directly from that plot, and we have observed k values ranging from $1.89 \times 10^9 \text{ s}^{-1}$ at 250 K to $6.37 \times 10^9 \text{ s}^{-1}$ at 325 K (Table 3). However, the rate constants in Table 3 should be corrected as given here and the data range in the y-axis of Figure 8 should change as in the enclosed figure.
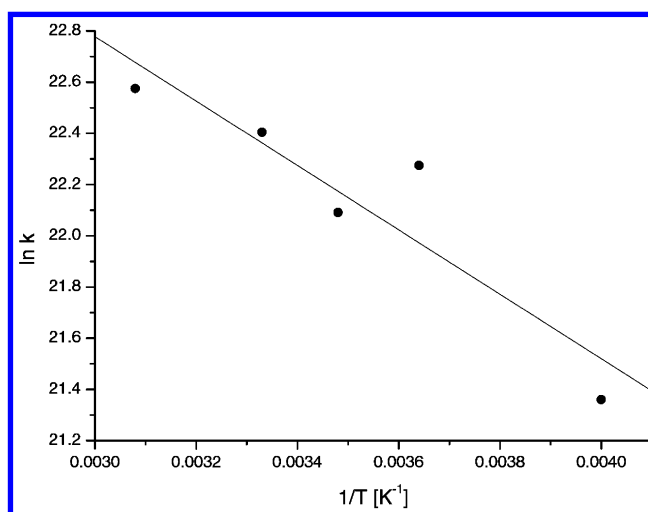

Figure 8. Arrhenius plot of In k versus $1/T$ for all temperatures, which allows calculation of the activation energy.

TABLE 3: Resulting Rate Constants for the Different Temperatures and the Half-Life Times for the Relaxation Process

temp, T (K)	rate constant, k (s^{-1})	half-life time, $\tau_{1/2}$ (ps)
250	1.89×10^9	367
275	4.72×10^9	147
287.5	3.93×10^9	177
300	5.37×10^9	129
325	6.37×10^9	109