

Inside Cover

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Protein recognition of DNA is key to the control of genome expression within living cells. Kinetoplastid parasites like those in the background possess the protein JBP1, which binds to double-stranded DNA containing the glycosylated base shown (nucleoside dJ). In their Communication on page 2839 ff., P. Wentworth, Jr. et al. analyze the binding and find that JBP1 recognizes a critical edge-on conformation of the pyranosyl ring of nucleoside dJ. These results are important for the development of new biological targets for antiparasitic drugs.

