

One can see in Figure 10 B and in Table 3 that for the undamaged duplex at the DNA:zAPE1 ratio of 1.25:1.00, the distance distribution function $P(r)$ shows bimodality, with the major peak at 4.60 nm ...

Taken together, the results experimentally prove the factors that control substrate specificity of the AP endonuclease zAPE1.

While the signal for V5-tagged ZapE1 protein was virtually eliminated, RNAi was somewhat less efficient in the case of HA-tagged ZapE2 (Fig 3 A).

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To experimentally verify changes in the cleavage of damaged DNA owing to the increased flexibility of the damage recognition loop, it was decided to create mutant zAPE1 enzymes containing ...

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Pre-steady-state analysis of fluorescence time courses obtained for the interaction of the APE1-like enzymes with DNA substrates containing various lesions allowed us to outline a model of ...

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