

Supplementary Materials: Analysis of the Interaction of Dp44mT with Human Serum Albumin and Calf Thymus DNA Using Molecular Docking and Spectroscopic Techniques

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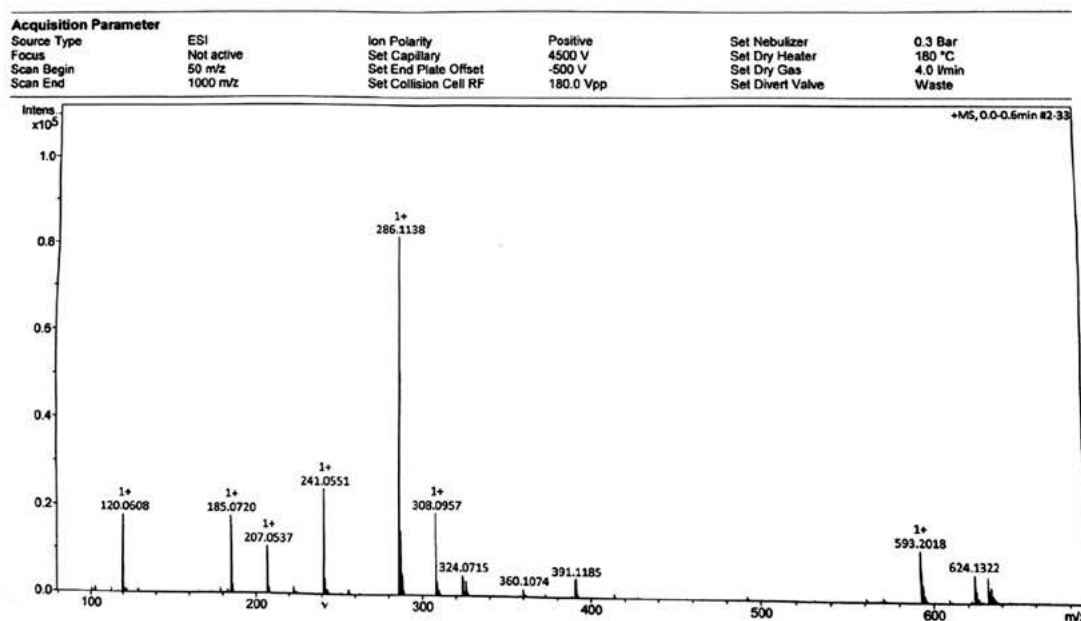


Figure S1. The mass spectrum of Dp44mT.

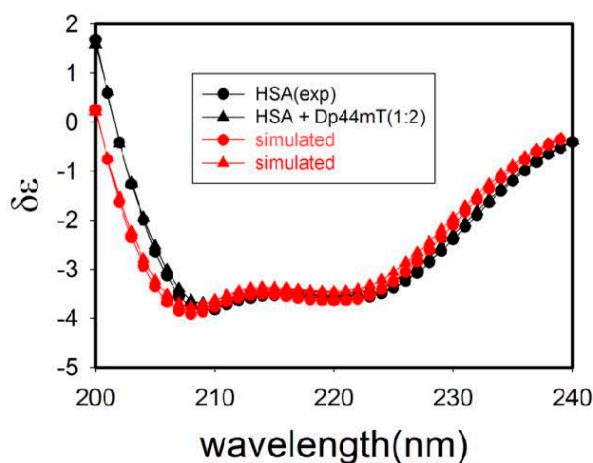


Figure S2. The CD spectra of interaction of Dp44mT and HSA: Dp44mT and HSA: Dp44mT concentration were 0.0 and 20 μM , respectively. $C_{\text{HSA}} = 10 \mu\text{M}$, $\text{pH} = 7.4$ and $T = 288 \text{ K}$. Simulated as indicated in the figure.

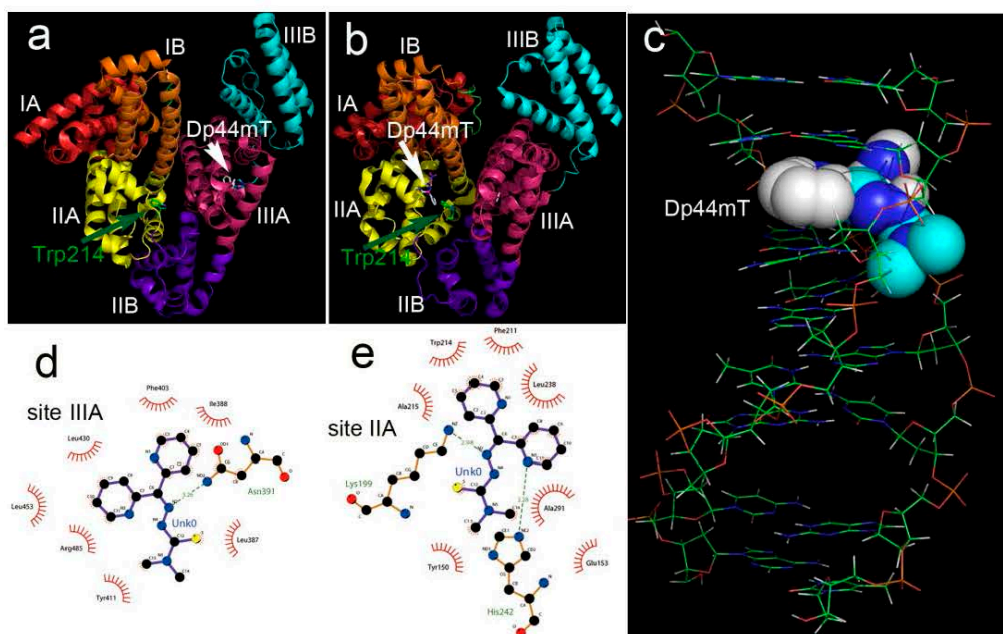


Figure S3. The interaction of Dp44mT with HAS and DNA: (a) Dp44mT was located in the site IIIA; (b) Dp44mT was located in the site IIA site; (c) interaction of Dp44mT with DNA; (d) interaction of Dp44mT with environment residues (in the figure Unk0 = Dp44mT). Dark green dash lines (d,e) indicated hydrogen bonds. The eye-like curved dark red lines represented the hydrophobic residues in contact.