



S4 Fig. UV-Visible signatures for the interaction in McIlvaine buffer between DNA and $5.0\mu\text{M}$ of (A) DXH (B) Epi-DXH (C) DNR and (D) AA. $\{C_{\text{DNA}}=0, 2\mu\text{M}, 2.5\mu\text{M}, 3\mu\text{M}, 3.5\mu\text{M}, 4.0\mu\text{M}, 4.5\mu\text{M}; 5.0\mu\text{M}\}$. Arrow direction indicated the increasing concentrations of DNA, pH = 4.7, T = 309.5K}.