

## Supporting Materials

# Excited-State Dynamics of Proflavine after Intercalation into DNA Duplex

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### Additional TA Results

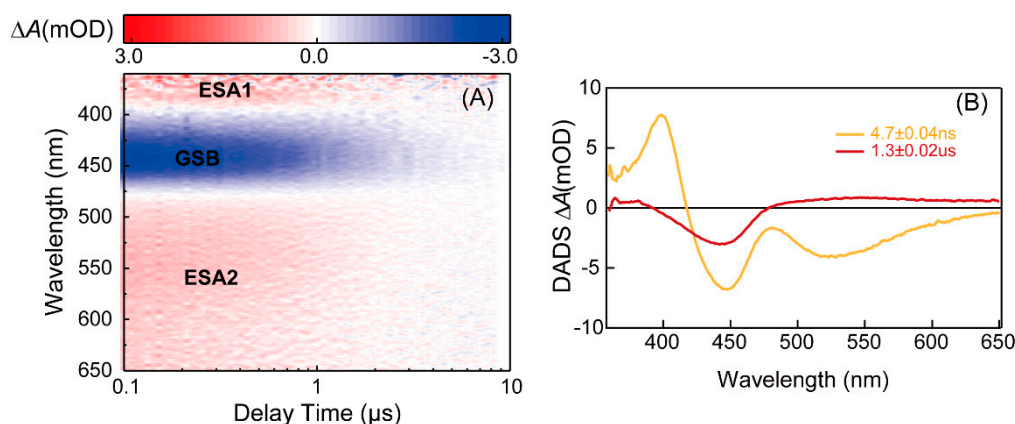


Figure S1. Nanosecond TA spectra and lifetime of proflavine.

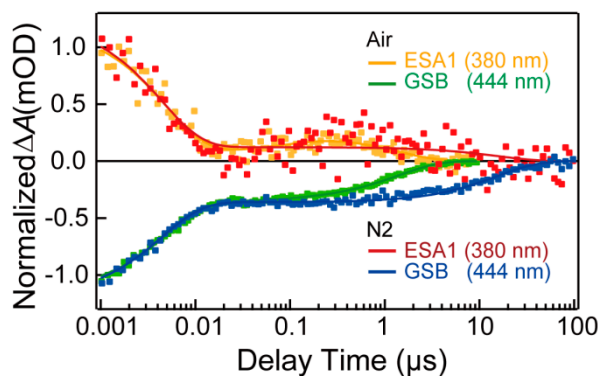
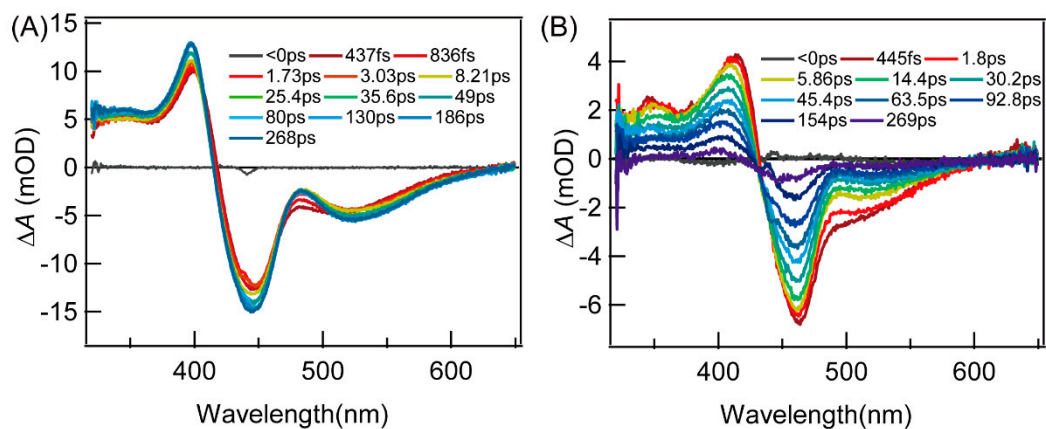


Figure S2. Comparison of proflavine lifetime before and after deoxygenation.



**Figure S3.** (A) Femtosecond time-resolved transient absorption spectra of the first 200 ps of proflavine (50  $\mu$ M) in buffer solution (pH=7.4); (B) Femtosecond time-resolved transient absorption spectra of the first 200 ps of the intercalation complex of PF-DNA (50  $\mu$ M) in buffer solution (pH=7.4).