

### Supplementary Figures

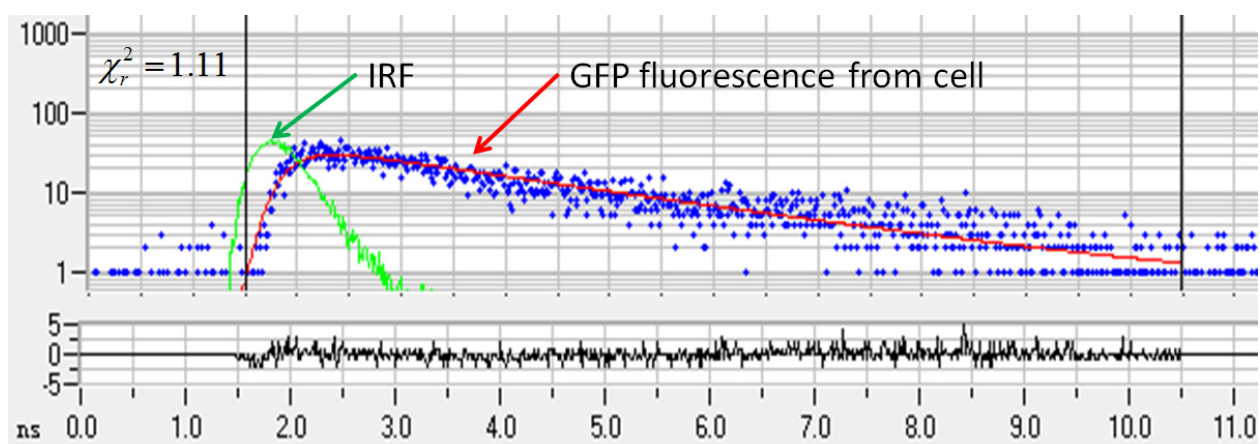


Figure S1: EGFP fluorescence decay and instrument response function (IRF) acquired and analyzed using Becker & Hickl SPC-830 TCSPC- FLIM system with SPC Image software.

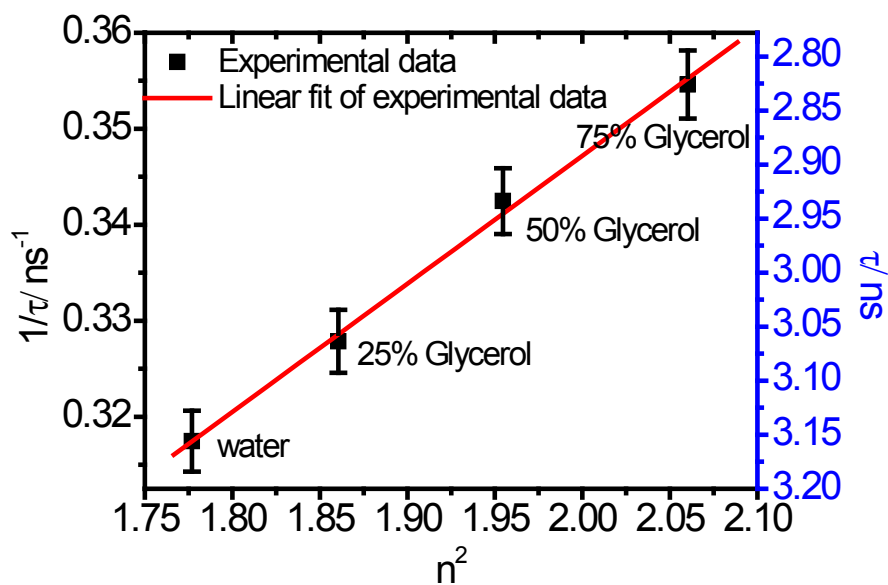


Figure S2: (a) Fluorescence lifetime of Rhodamin 6 in Glycerol solutions. Chart demonstrates a strict correlation between fluorescence lifetime and refractive index of fluorophore environment. Error bars are S.D.

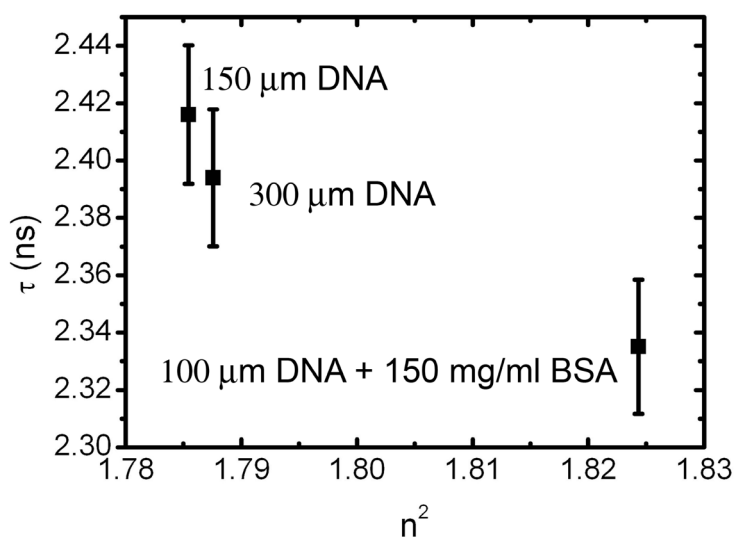


Figure S2 (b) Fluorescence lifetime of YOYO-DNA in solutions with different refractive index ( $n$ ). Error bars are S.D.