

Supplementary Material

Exploring NMR methods as a tool to select suitable fluorescent nucleotide analogues

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Supplementary Material

Figure S1. Tr-NOE buildup curves for TNP-GTP binding to AnxA6

Figure S2. Tr-NOE buildup curves for MANT-GTP binding to AnxA6

Figure S3. Tr-NOE buildup curves for BODIPY- γ S-GTP binding to AnxA6

Fig. S1. Tr-NOE buildup curves for TNP-GTP binding to AnxA6.

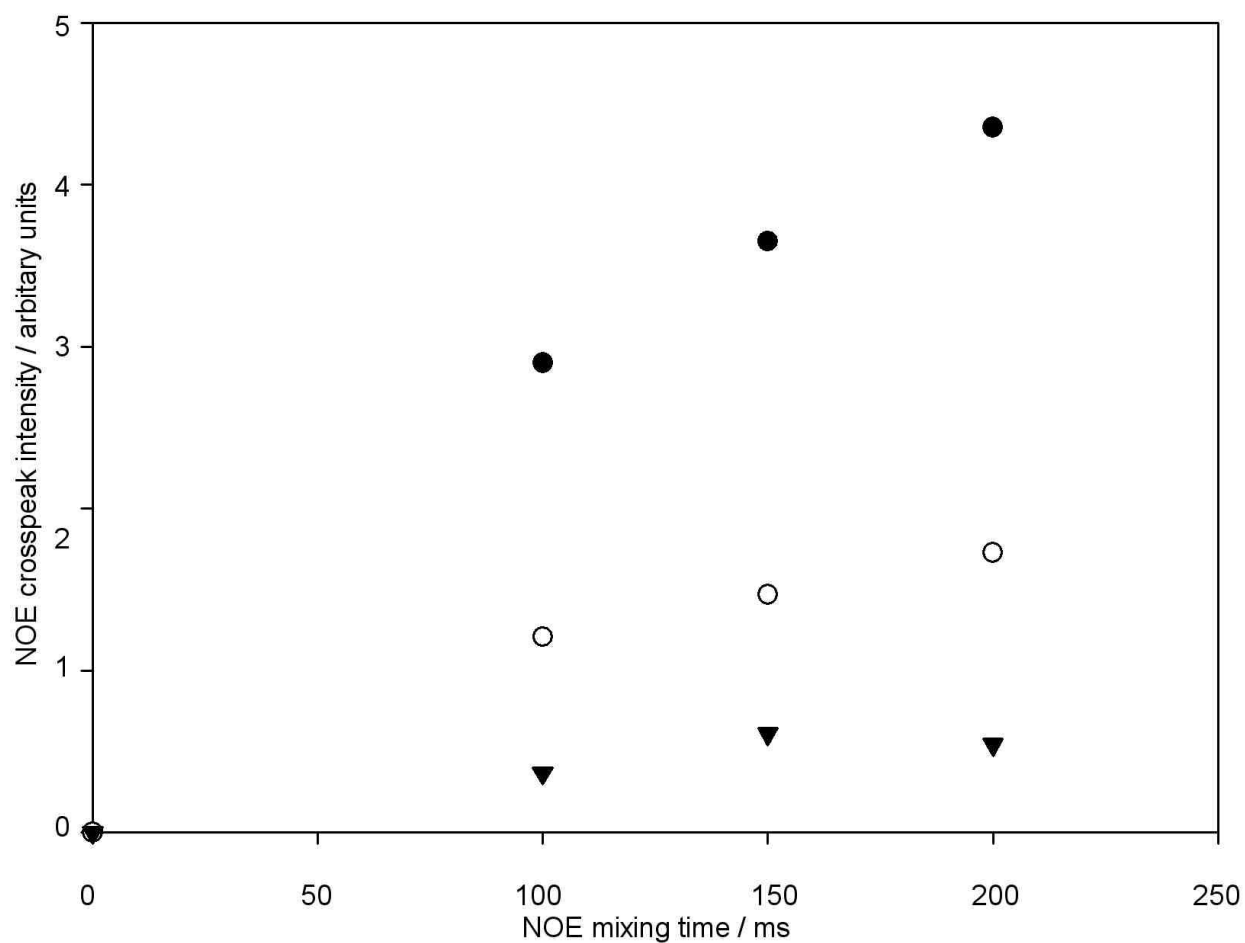


Fig. S1. Tr-NOE buildup curves for TNP-GTP binding to AnxA6. The volume of NOE peaks involving proton H8 of the nucleotide base is plotted as a function of mixing time employed in a series of Tr-NOESY experiments. The H8-H1' NOE is represented as filled circles, the H8-H2' NOE is represented by an open circle, the H8-H3' NOE is represented by filled triangles.

Fig. S2. Tr-NOE buildup curves for MANT-GTP binding to AnxA6

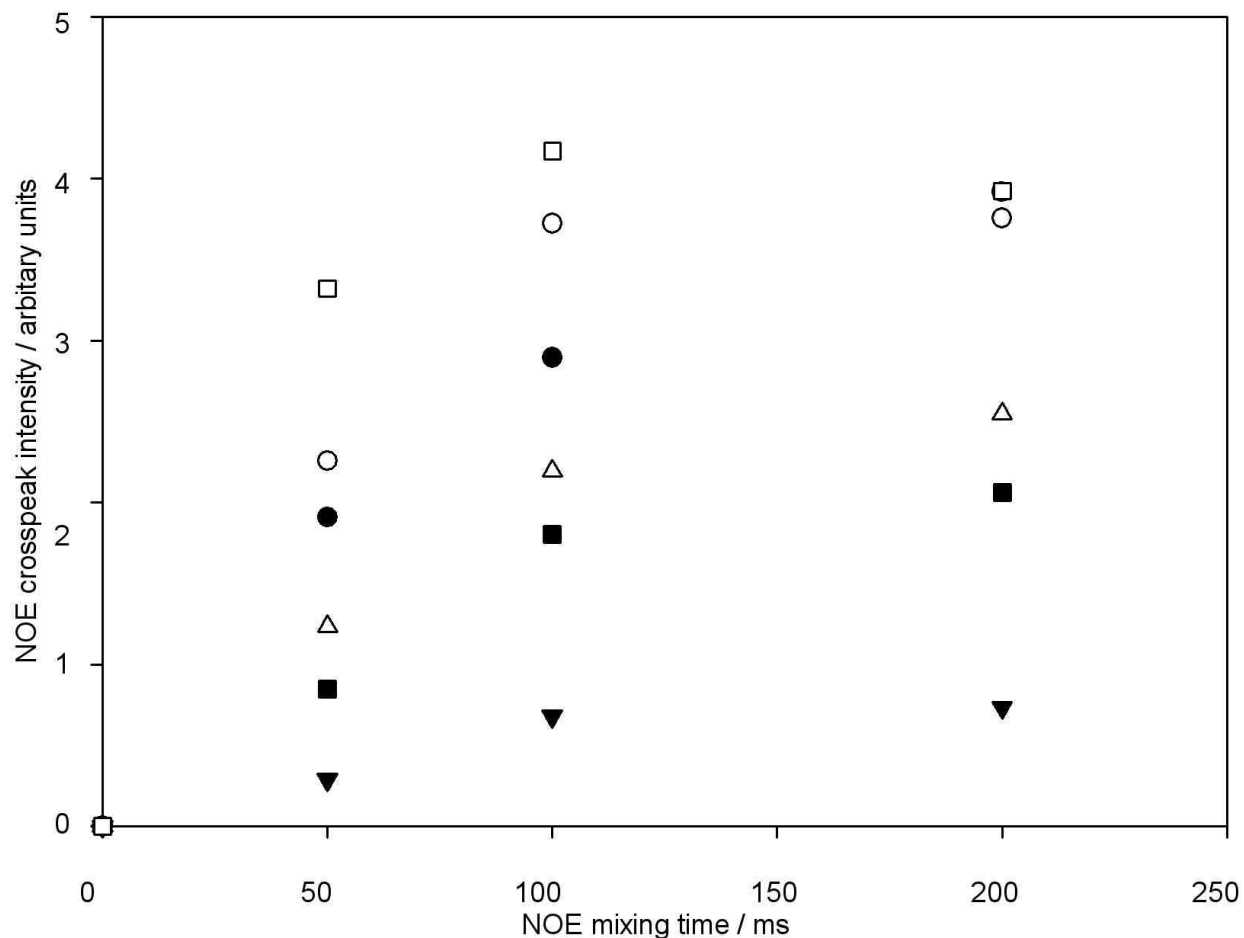


Fig. S2. Tr-NOE buildup curves for MANT-GTP binding to AnxA6. The volume of NOE peaks involving proton H8 of the nucleotide base is plotted as a function of mixing time employed in a series of Tr-NOESY experiments. The H8-H1' NOE is represented as filled circles, the H8-H2' NOE is represented by an open circle, the H8-H3' NOE is represented by filled triangles for the O2-MANT isoform. The H8-H1' NOE is represented as open triangles, the H8-H2' NOE is represented by filled squares, the H8-H3' NOE is represented by open squares for the O3-MANT isoform

Fig. S3. Tr-NOE buildup curves for BODIPY- γ S-GTP binding to AnxA6.

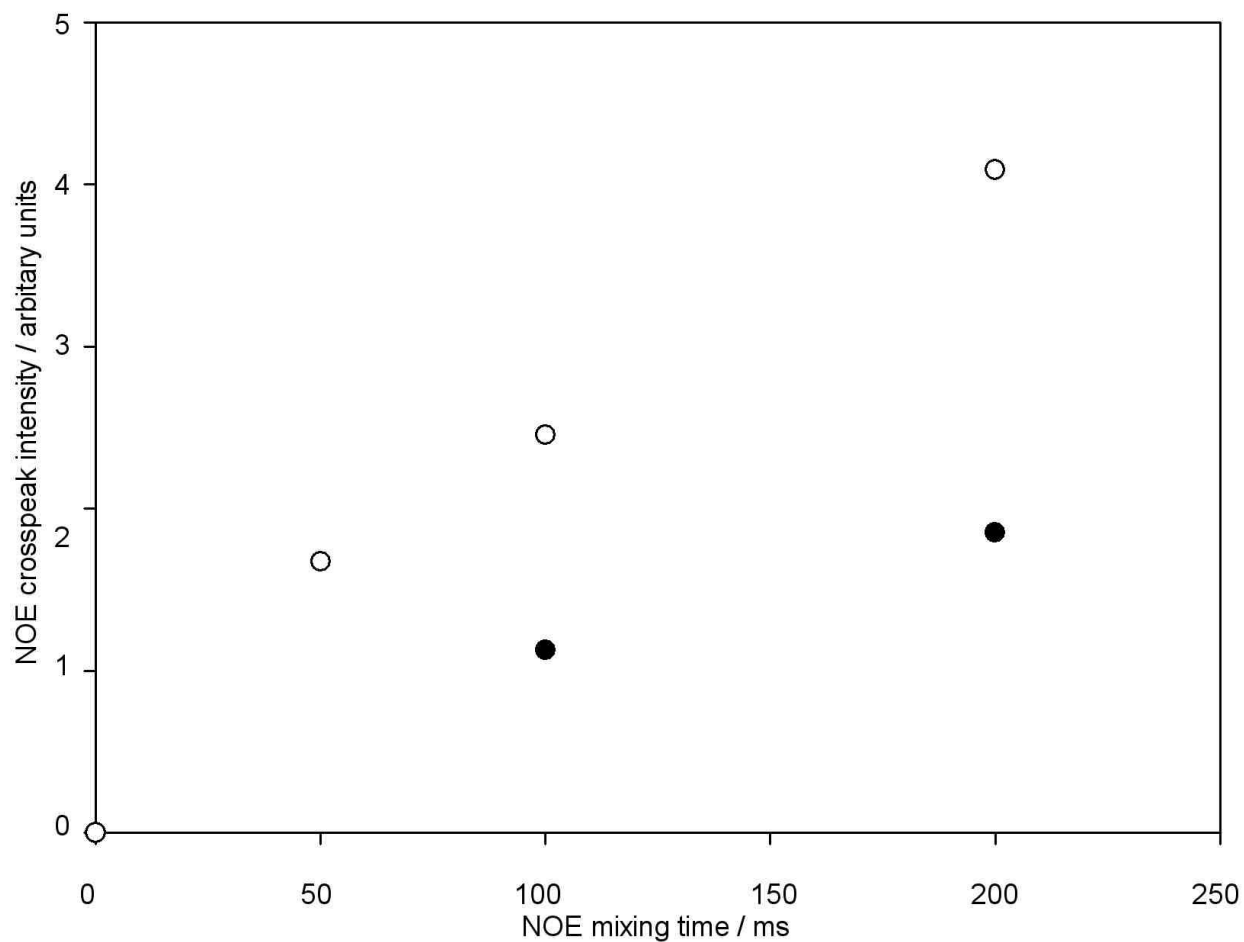


Fig. S3. Tr-NOE buildup curves for BODIPY- γ S-GTP binding to AnxA6. The volume of NOE peaks involving proton H8 of the nucleotide base is plotted as a function of mixing time employed in a series of Tr-NOESY experiments. The H8-H1' NOE is represented as filled circles, the H8-H2' NOE is represented by an open circle, the H8-H3' NOEs were not observed.