

*Supplementary material*

**Pre-steady-state kinetic analysis of damage recognition by human single-strand selective monofunctional uracil-DNA glycosylase SMUG1**

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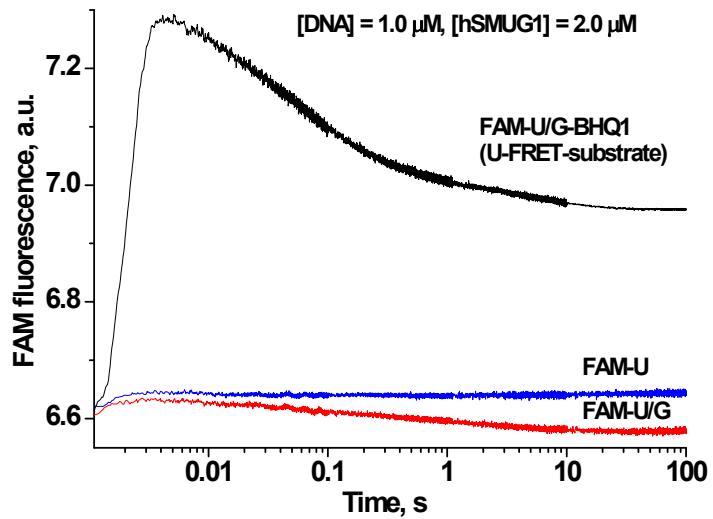
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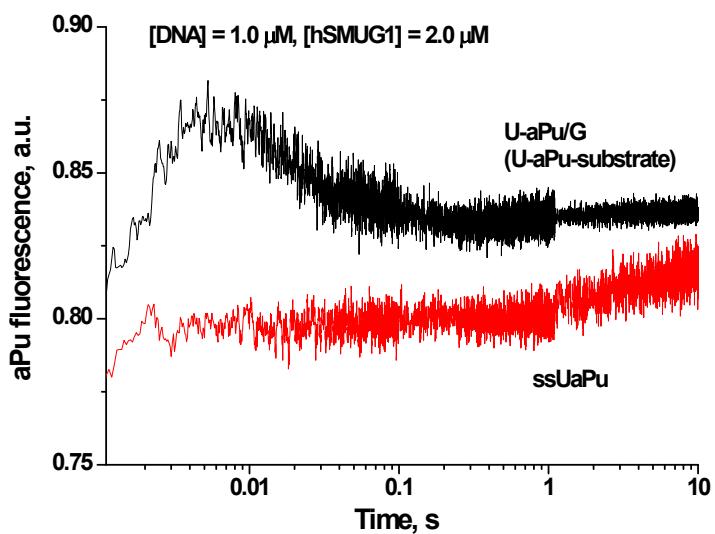
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## Interaction of hSMUG1 with single stranded DNA

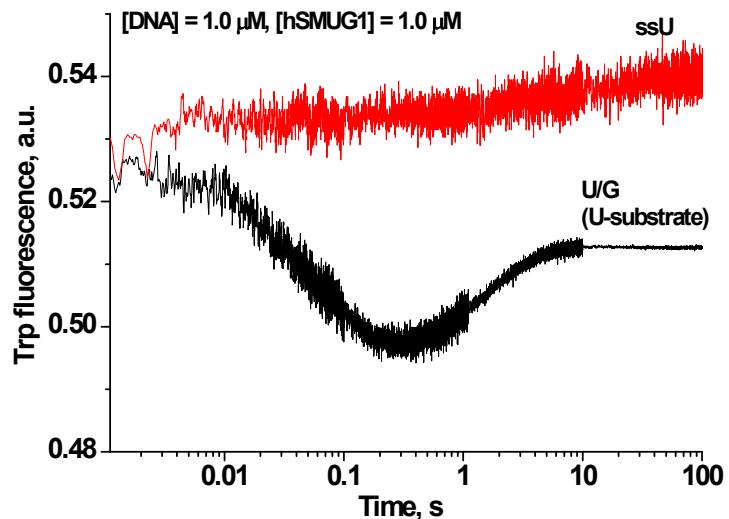
A



B



C



Supplementary Figure 1. Interaction of hSMUG1 with ssU-strand detected by FAM (A), aPu (B) and Trp (C). Control of FAM fluorescence behavior in FAM-U/G duplex without BHQ1 (A).