Supplementary material

A Toehold-Mediated Strand Displacement Cascade based DNA

Assay Method via Flow Cytometry and Magnetic Separation

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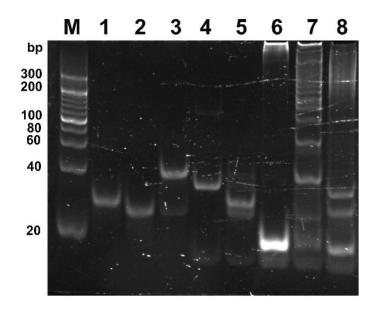


Fig S1: Polyacrylamide gel electrophoresis (PAGE) analysis: Lane 1: IT-dsDNA; Lane 2: Target; Lane 3: IT-dsDNA+Target; Lane 4: Helper; Lane 5: IT-dsDNA+Target+Helper; Lane 6: H1+H2; Lane 7: ITdsDNA+Target+Helper+H1+H2; Lane 8: IT-dsDNA+Helper+H1+H2. The final concentrations of ITdsDNA, Target, Helper, H1 and H2 were 1 μM each.