

Legends to Supplementary Figures

Fig. S1. SDS-polyacrylamide gel demonstrating the purity of the MutS β preparation. MutS β was purified as described in the Materials and Methods and the purity of the preparation examined by electrophoresis after Mono Q and Superdex-200 chromatography.

Fig. S2. The effect of BSA or MutS β on the denaturation of a (CCG)₁₀ oligonucleotide fit a two-state model. Melting curves produced on thermal denaturation of a (CCG)₁₀ oligonucleotide labeled at the 5' end with ROXTM and at the 3' end with IOWA Black[®] RQ. The intensity of fluorescence of the ROXTM donor was plotted against temperature in the presence of BSA or MutS β . Dots represent the experimental data and solid lines are the best-fits according to the two-state model. The panels on the right show the distribution of residuals.

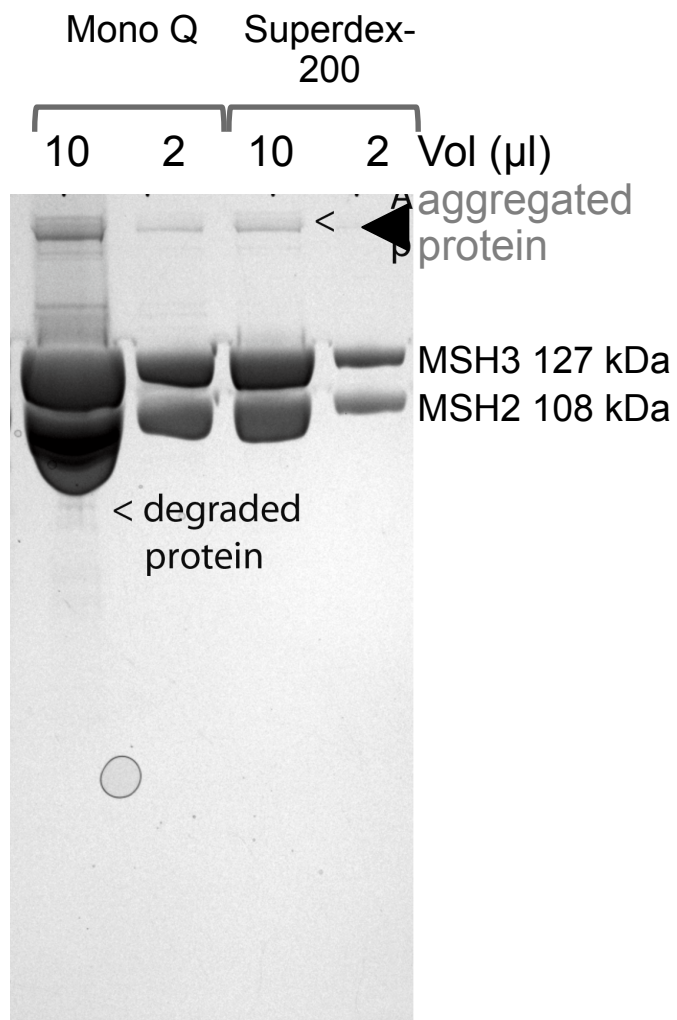


Fig. S1

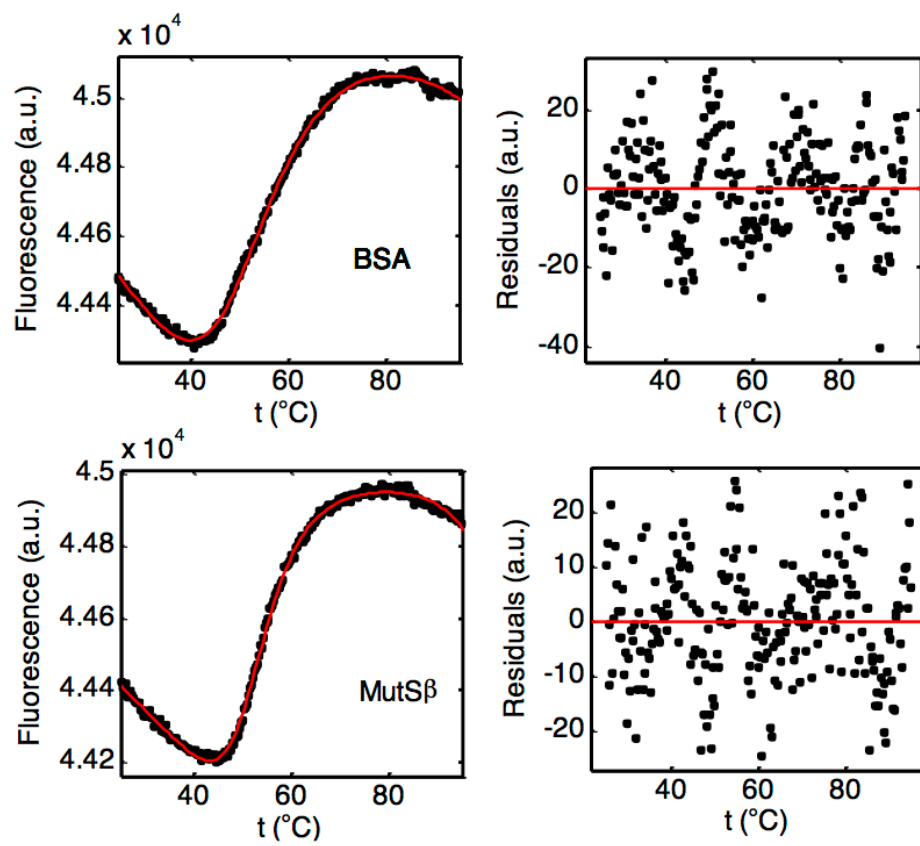


Fig. S2