

Supplementary Information

***In vitro* repair of a defective *EGFP* transcript and translation into functional protein**

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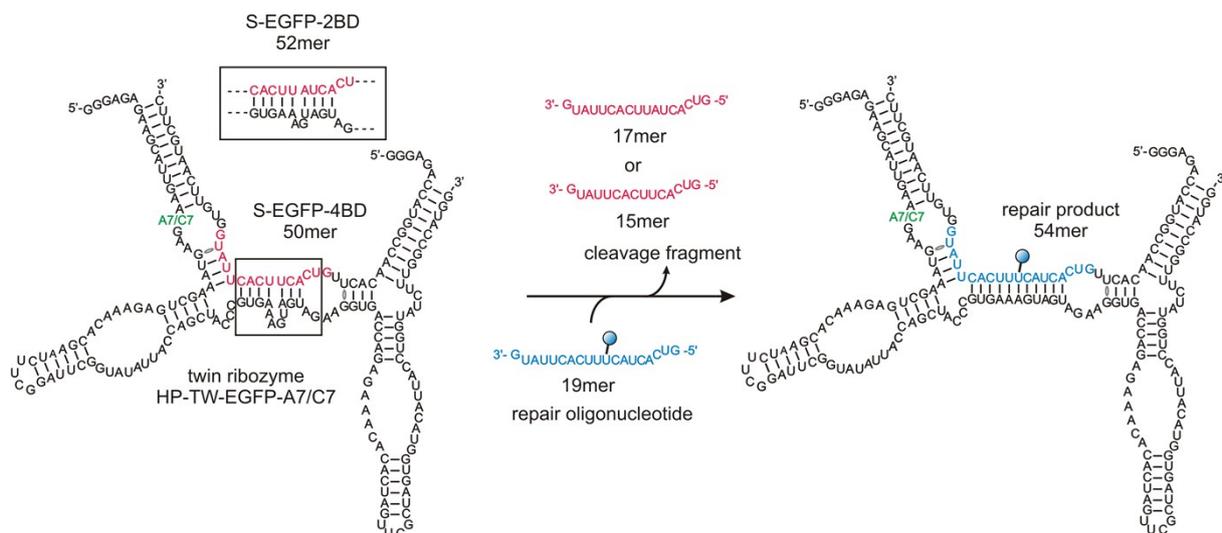


Figure S1. Twin ribozyme-mediated repair of a model substrate (S-EGFP) containing either a four base deletion (4BD) or a two base deletion (2BD) mutation. For repair reaction both substrates were processed either with HP-TW-EGFP-A7 or -C7. The blue circle represents the fluorescent dye ATTO680.

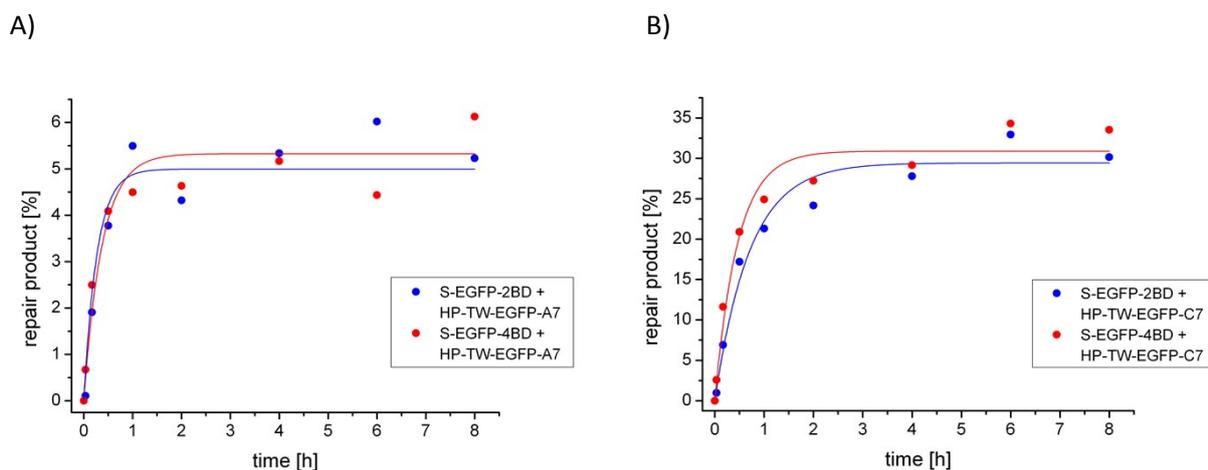


Figure S2. Time course of the repair reaction of the model substrates S-EGFP-2BD and -4BD using either (A) the twin ribozyme HP-TW-EGFP-A7 or (B) HP-TW-EGFP-C7.