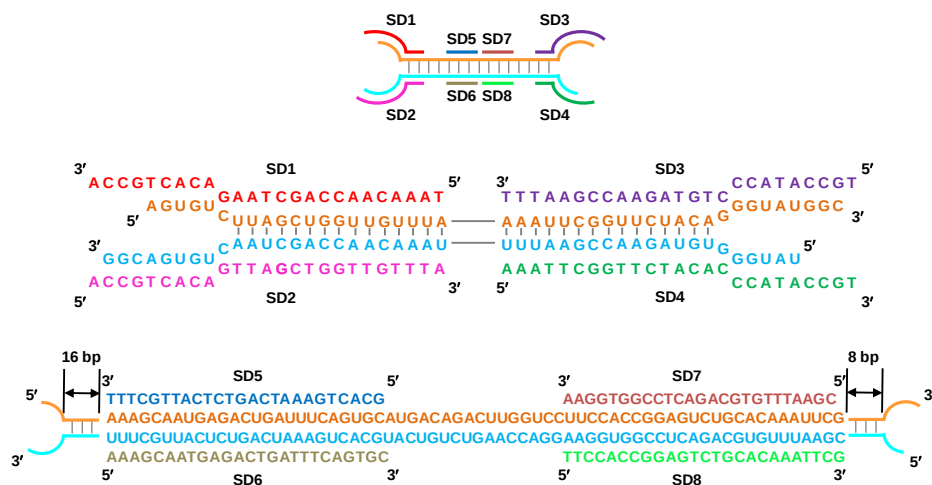
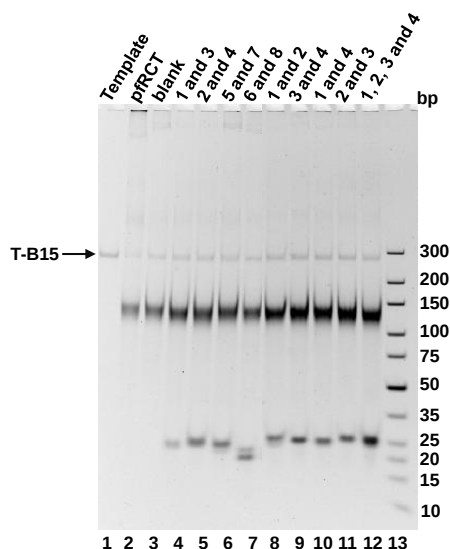


Supplemental_figure_S6

A



B



Confirmation of the pfRCT products being dsRNA by cleavage by RNase H with the aid of ssDNAs (SDs). A) Sequences of expected dsRNA and SDs. All these SDs are complementary to the dsRNA at different positions. If the product is ssRNA, it will be digested quickly by RNase H aided by these SDs. The length of each ssRNA tail is estimated to be 6–9 nt (T-B15 as the template). B) Digestion results by RNase H (analyzed by 6% PAGE). Lane 1: T-B15; Lane 2: The original transcription product produced by pfRCT; Lanes 3–12: The product in Lane 2 was digested by RNase H with the aid of various sets of SDs. The reaction conditions are shown in Methods.