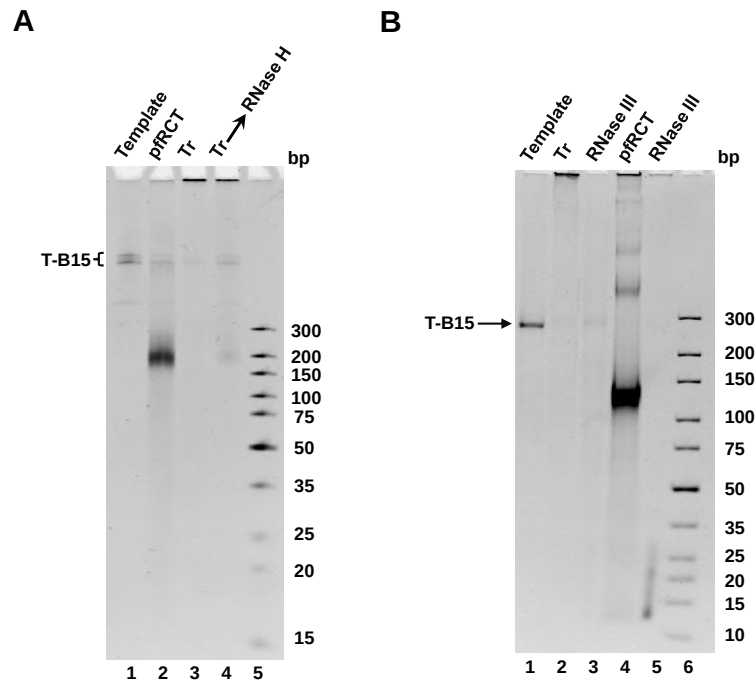


Supplemental_figure_S4



Transcription results with (pfRCT) or without (Tr) RNase H. A) Comparison of the digestion efficiency of RNase H in the process of “pfRCT” with that added after RCT (analyzed by 8% dPAGE). Lane 1: T-B15 template; Lane 2: the product of pfRCT with RNase H; Lane 3: the product of RCT without RNase H; Lane 4: transcripts in lane 3 were further digested by RNase H; Lane 5: size marker. Reaction conditions are shown in Methods. B) ShortCut RNase III digestion results (6% PAGE). Lane 1: T-B15 template; Lane 2: the product of RCT without RNase H; Lane 3: the transcripts of Lane 2 were digested by ShortCut RNase III; Lane 4: the product of pfRCT with RNase H; Lane 5: transcripts in lane 4 were digested by ShortCut RNase III. Reaction conditions are shown in Methods.