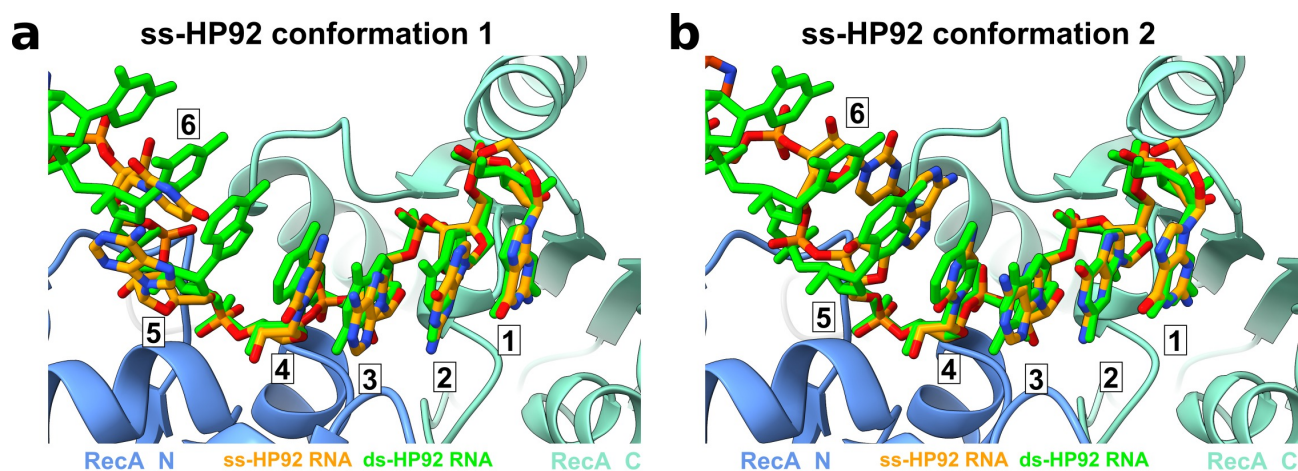




Supplementary Fig. 10: The ss-HP92 RNA conformation 2 is more similar to the ds-HP92 RNA conformation than ss-HP92 RNA conformation 1

Close-ups of the ss-HP92 RNA in (a) conformation 1 (chain L, orange) and (b) conformation 2 (chain C, orange) bound to the active site of DbpA. For comparison the ds-HP92 RNA is shown in green. For clarity the opposite strand that base pairs with nt 4-6 is omitted for ds-HP92 RNA. The nucleotides that interact with the active site are numbered 1-6. The conformation and base orientation of nucleotides 5 and 6 in conformation 2 is more similar to the ds-HP92 RNA conformation compared to conformation 1, where the bases are flipped by 90°.