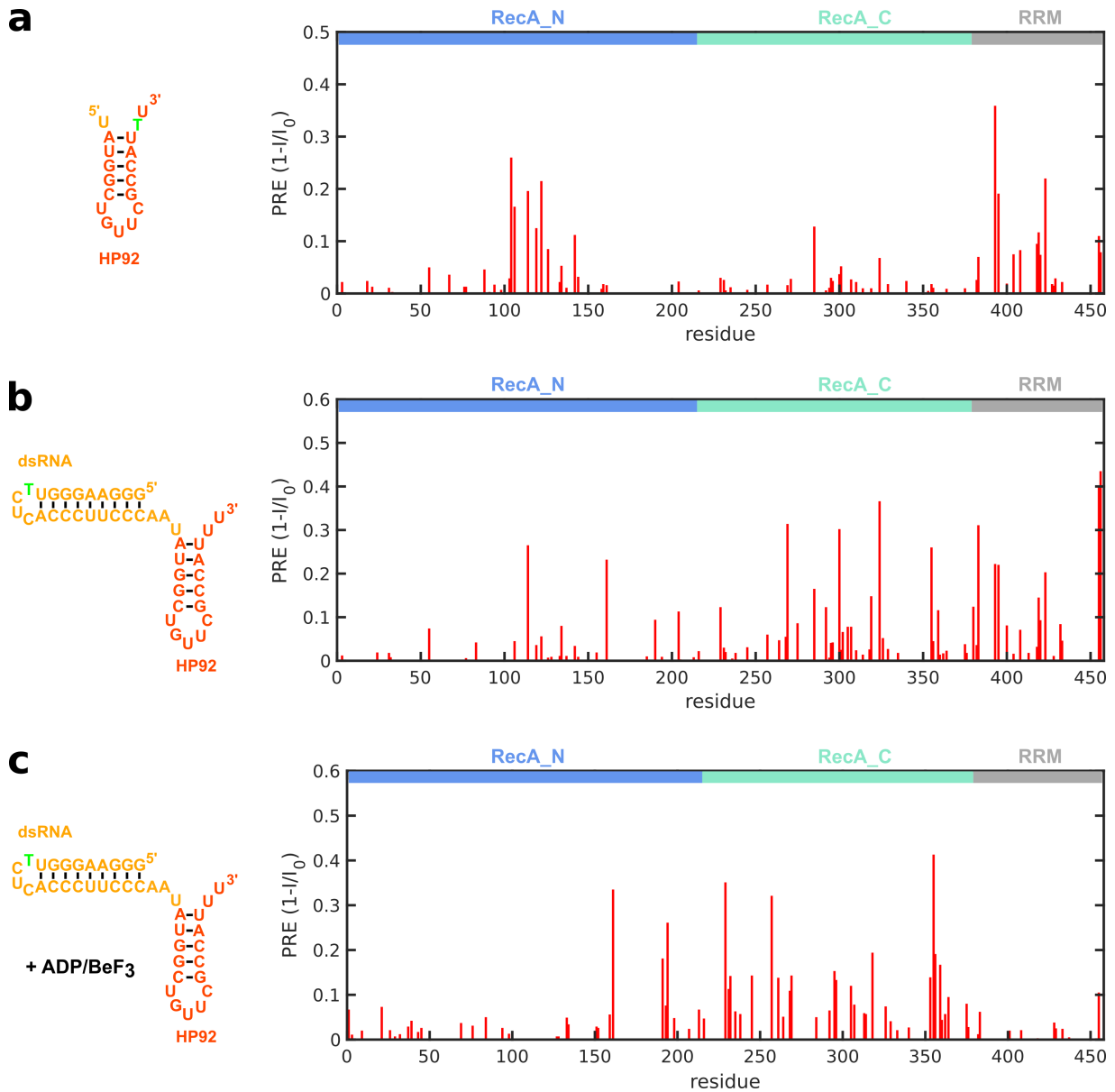




Supplementary Fig. 12: PRE-measurements

(a) HP92 RNA construct used for PRE-measurements (left). T (green) indicates the position of the 4-thiouridine residue that is used to couple the nitroxide spin label to the RNA. The determined PRE values ($1-I/I_0$) are plotted versus the sequence (right). Increased values indicate the spatial proximity of the spin label. (b) hp-HP92 RNA construct used for PRE-measurements (left). T (green) indicates the position of the 4-thiouridine residue that is used to couple the nitroxide spin label to the RNA. The determined PRE values in the absence of ADP/BeF₃ ($1-I/I_0$) are plotted versus the sequence (right). (c) hp-HP92 RNA construct used for PRE-measurements (left). T (green) indicates the position of the 4-thiouridine residue that is used to couple the nitroxide spin label to the RNA. The determined PRE values in the presence of ADP/BeF₃ ($1-I/I_0$) are plotted versus the sequence (right).