

Fig. S1

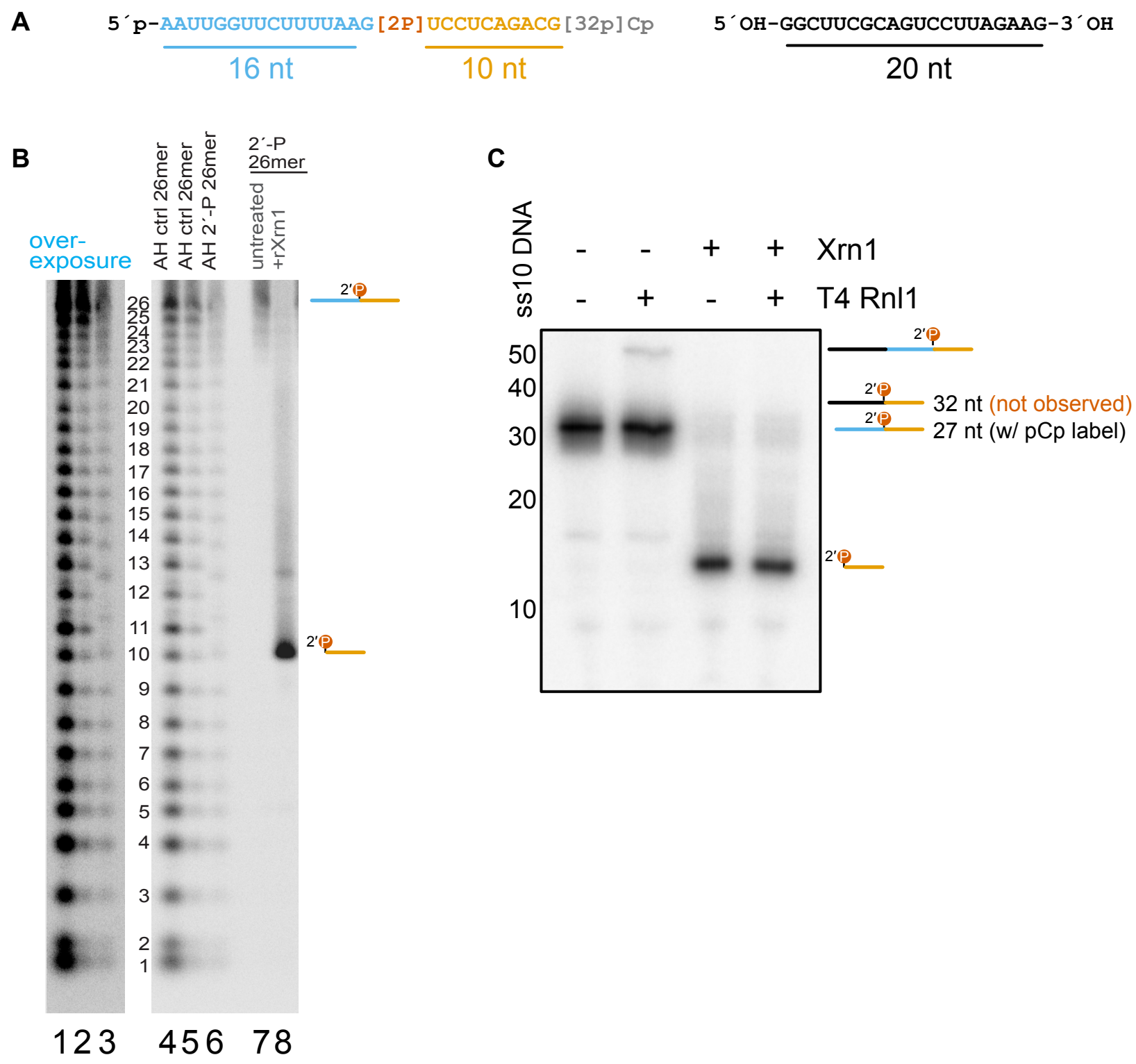


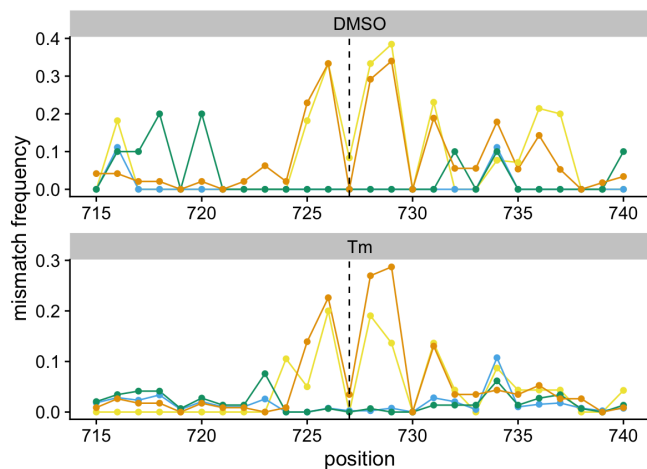
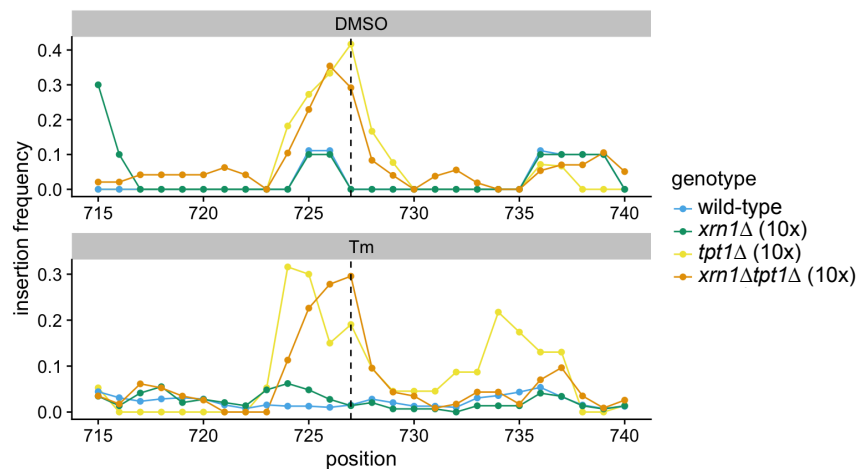
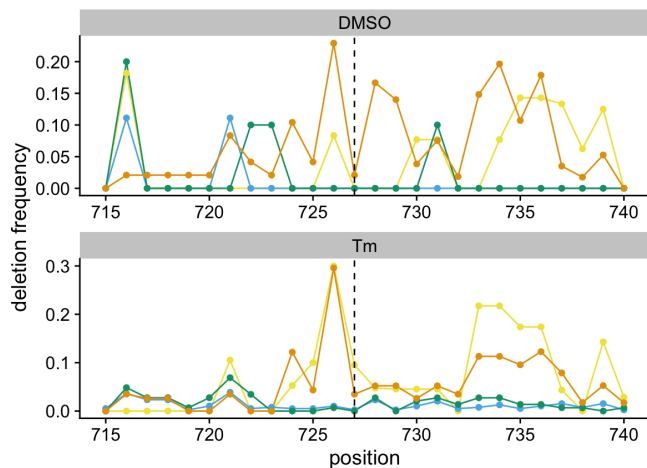
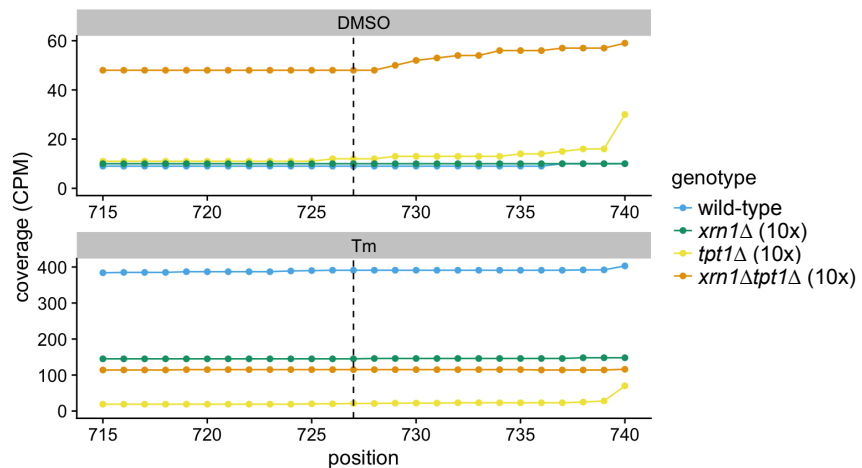
Fig. S2**A****B****C****D**

Fig. S3

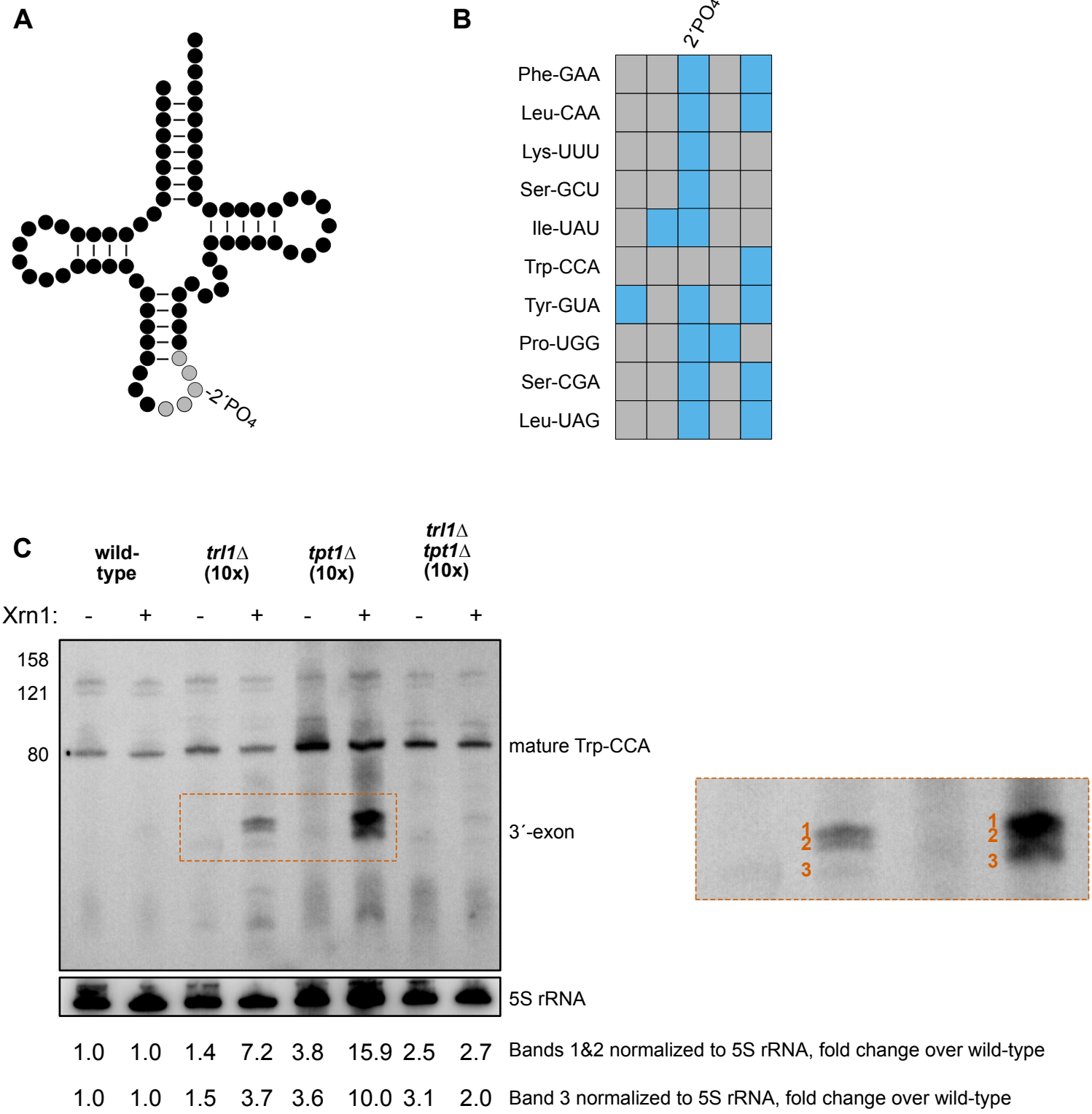


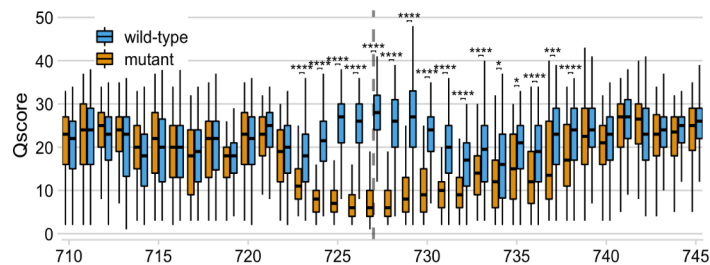
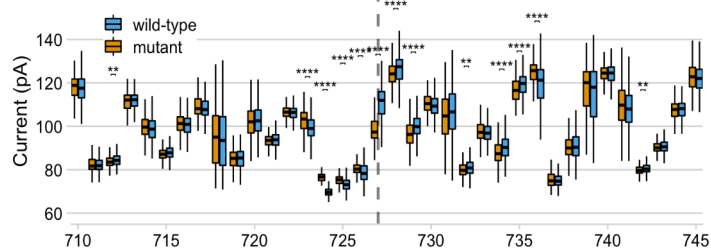
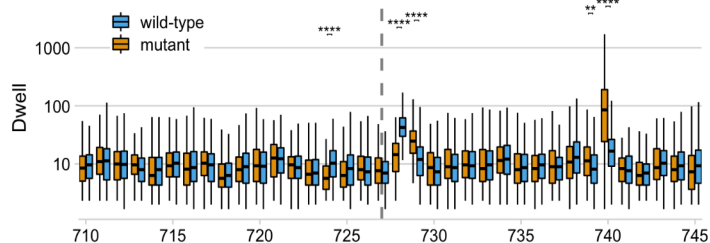
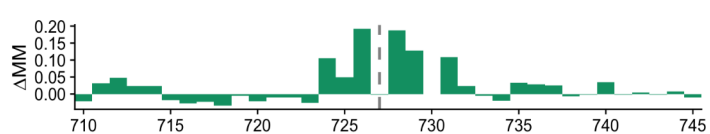
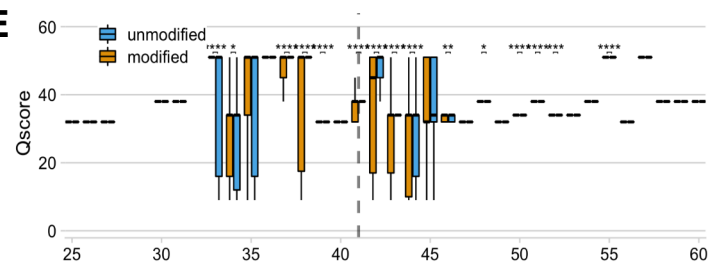
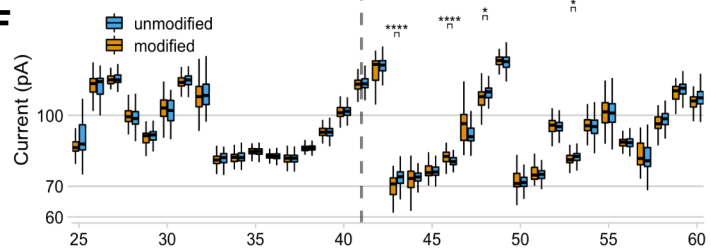
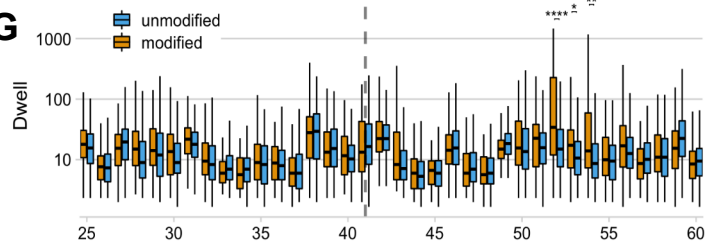
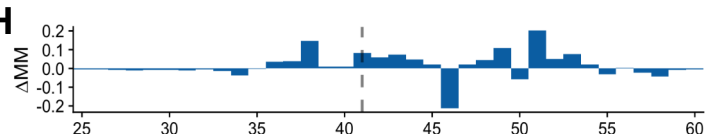
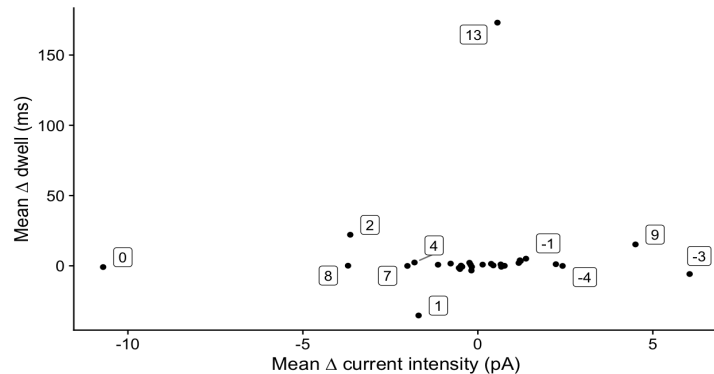
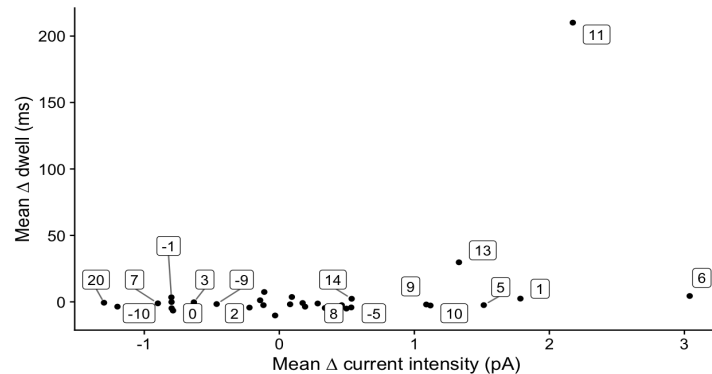
Fig. S5*HAC1^S**CAG2PAA***A****B****C****D***synthetic RNA**AAG2PUC***E****F****G****H**

Fig. S6

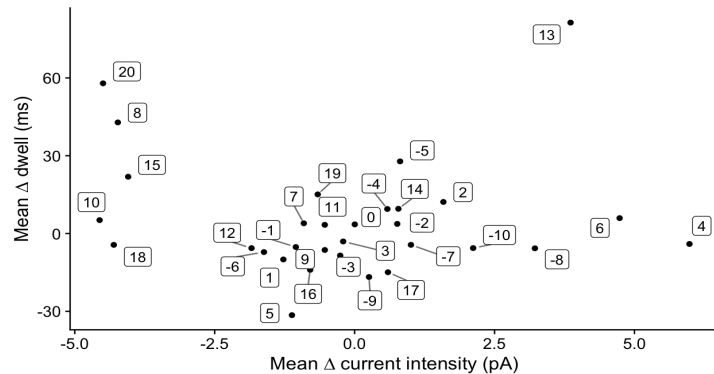
HAC1 2'-phosphate



synthetic RNA 2'-phosphate



Leger *et al.* N6,N6-dimethyl



Leger *et al.* 2'-O-methyl

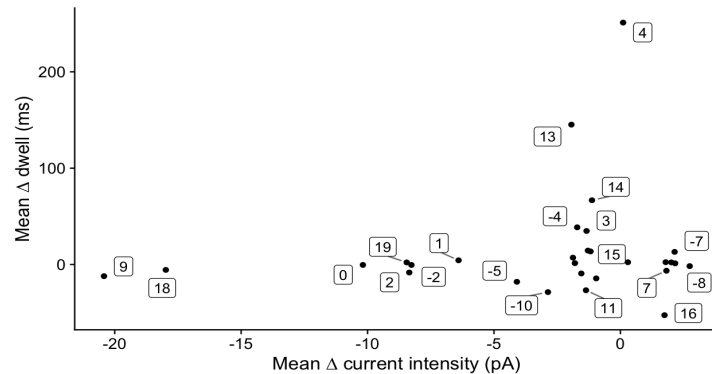
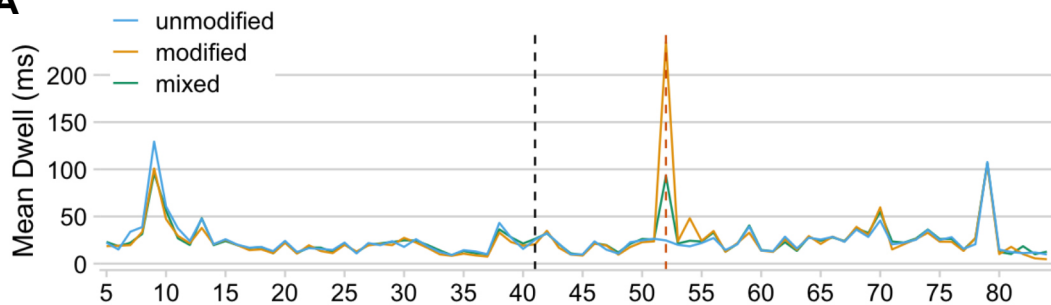
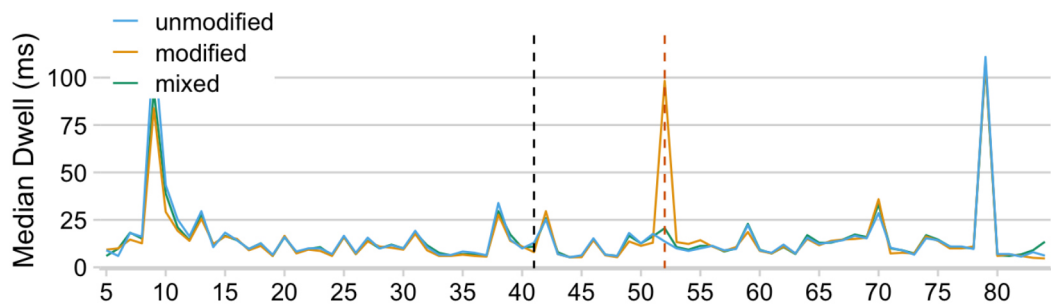


Fig. S7

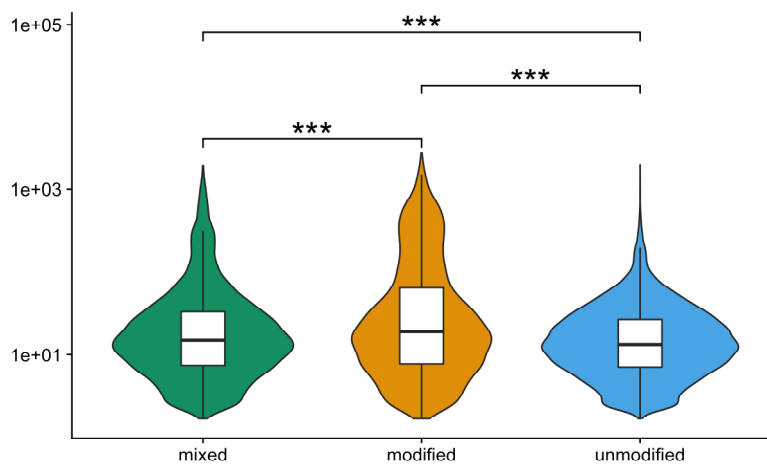
A



B



C



D

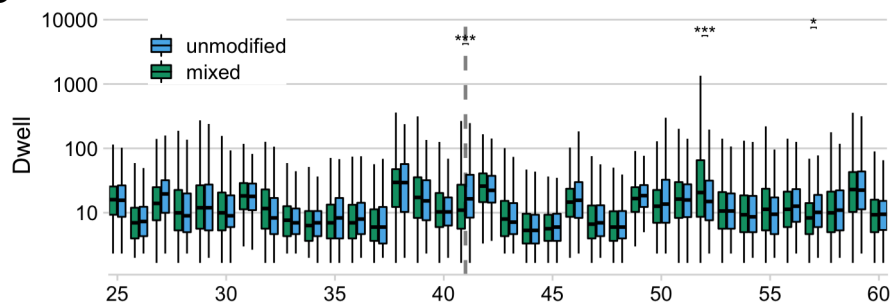
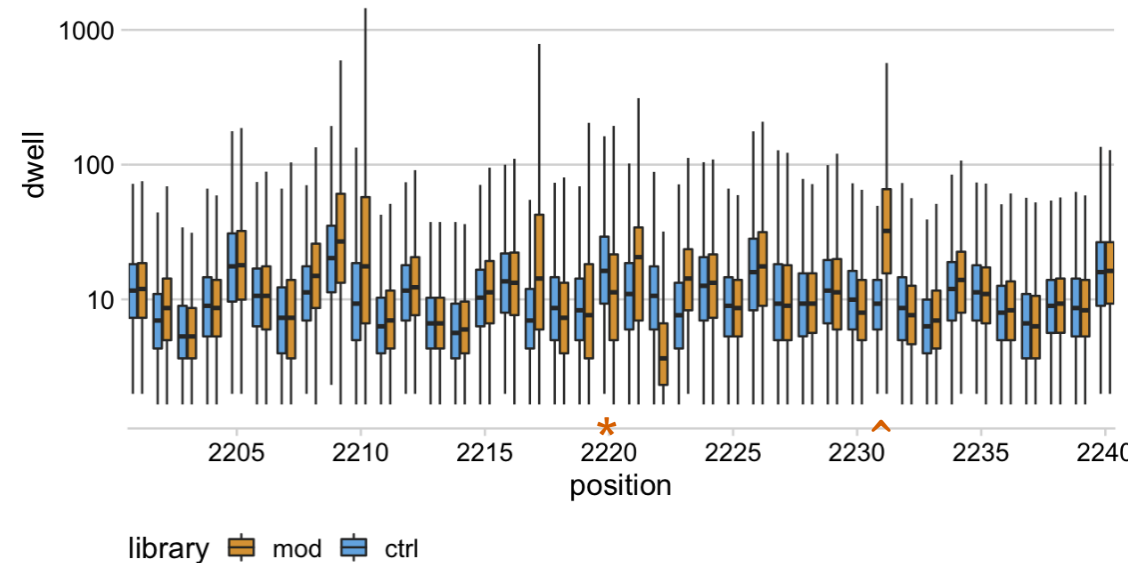


Fig. S8**A****B**