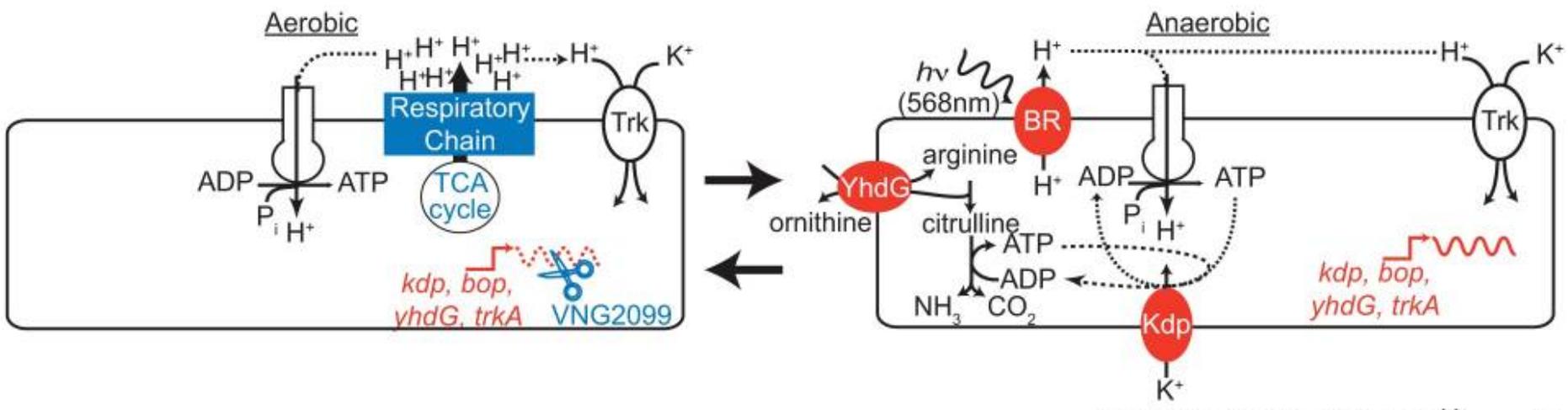
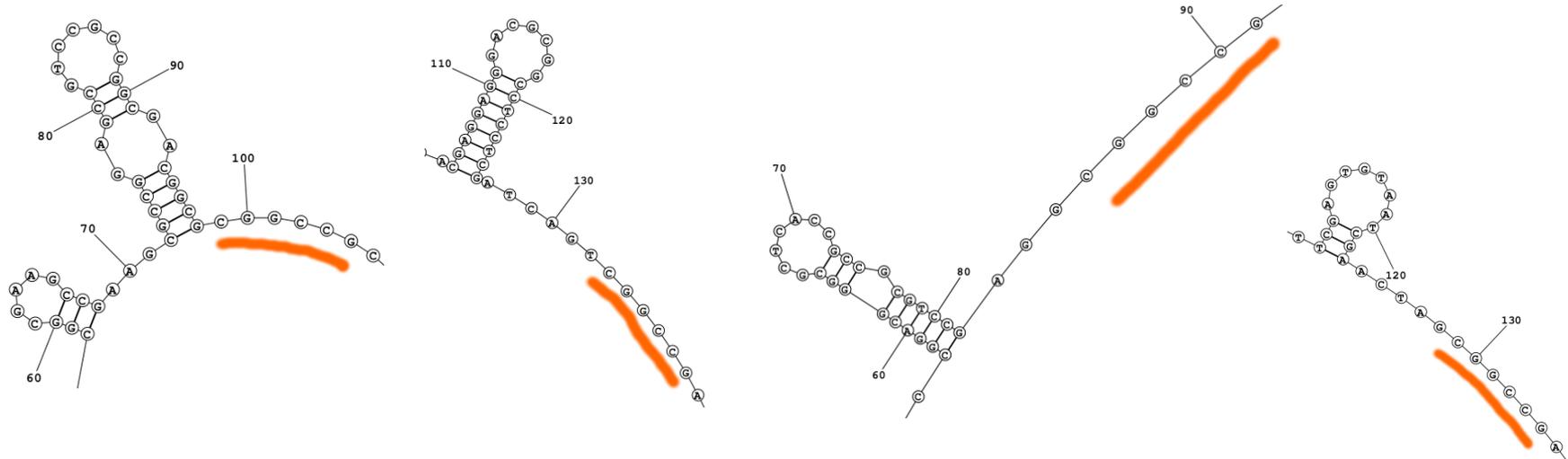


# Figure S4

(a)

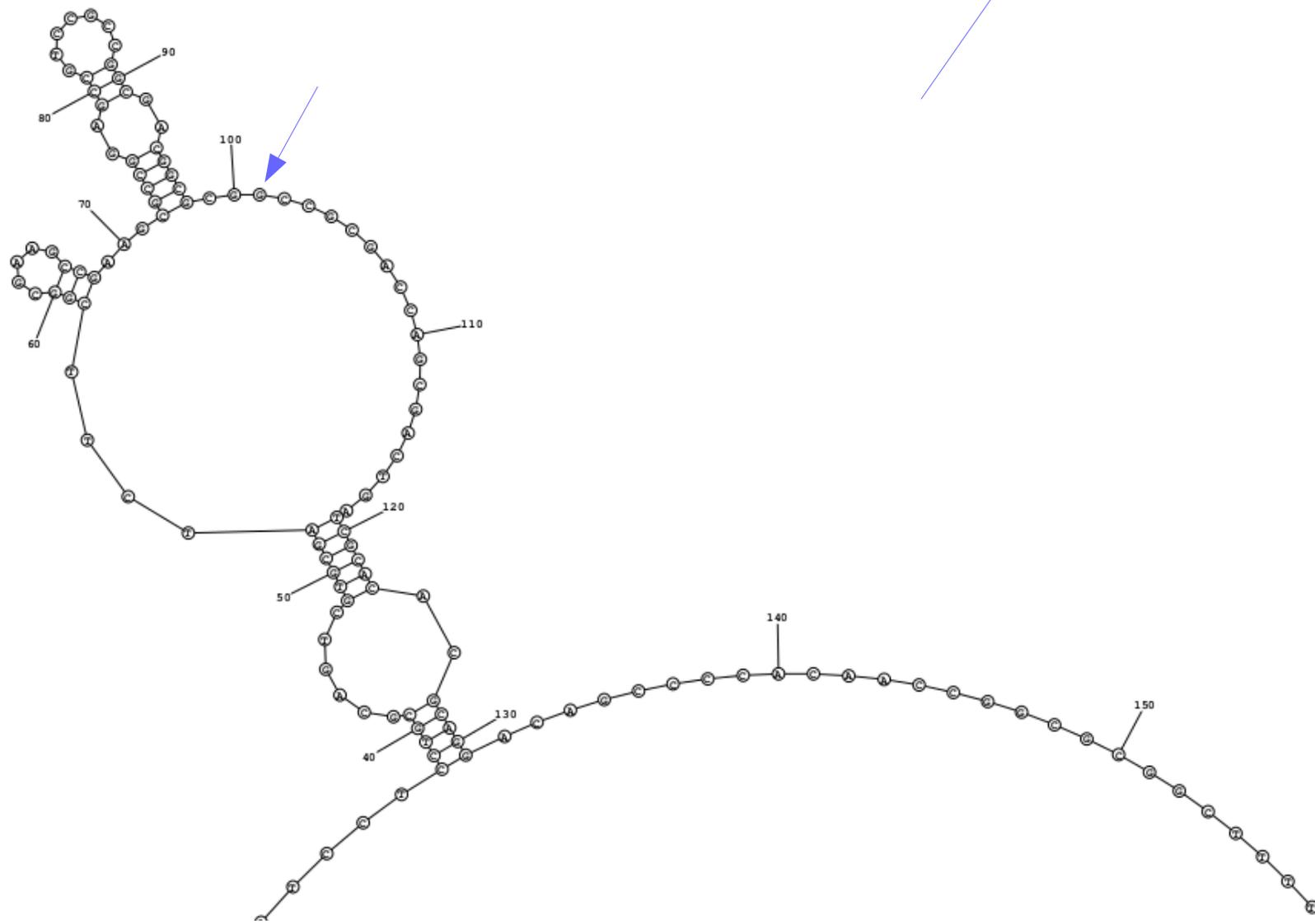
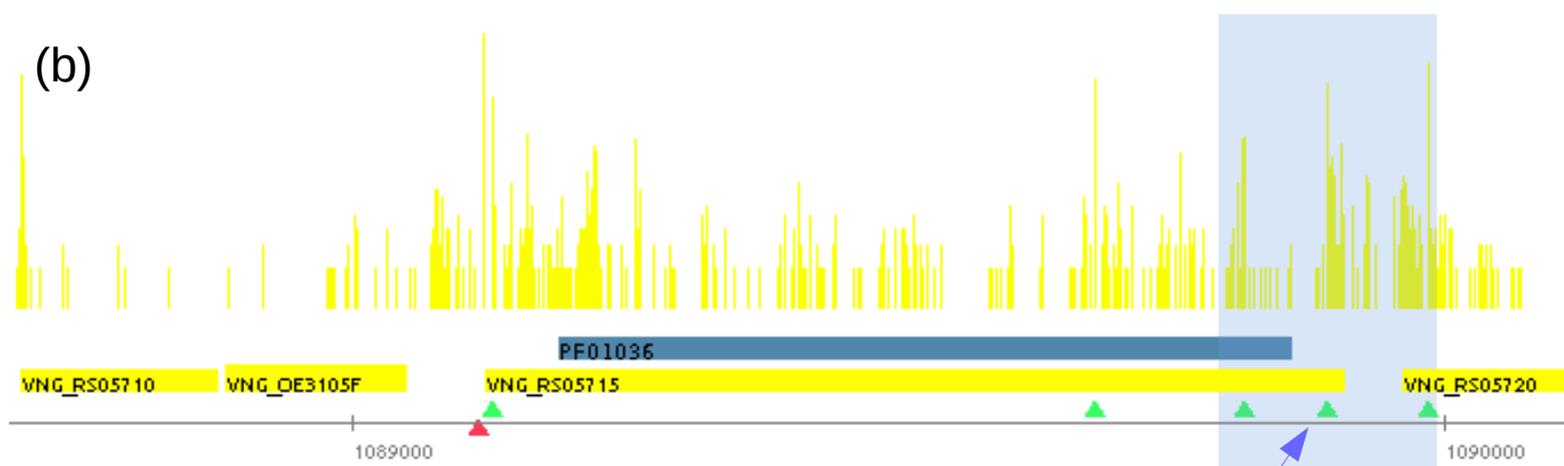
bop chr+:1089793-1089993  
kdpQ plasmid\_pNRC200+:152481-152681  
yhdG chr+:934849-935049  
trkA2 plasmid\_pNRC200-:147009-147209

AGCCGAAGCGCCGGAGCCGTCCGC CGGCGACGGCG **CGGCCG**CGACCAGCGACTGATCGCACA  
AAC**G**GACGAGGAGGGACGCGGCCTCCTCGATCAGT **CGGCCG**AACGGCTCGCCGAGTACGGGG  
GTCGTCCGGACGGGCCTCACCGCGCGTCCGAGG **CGGCCG**CGGCAGCCACA**C**CCAGACCGC  
TGCCGG**A**GAATAGGTTGAGTGTAAATCGAACTAG **CGGCCG**ATGCCAACATCGGCGTACTG



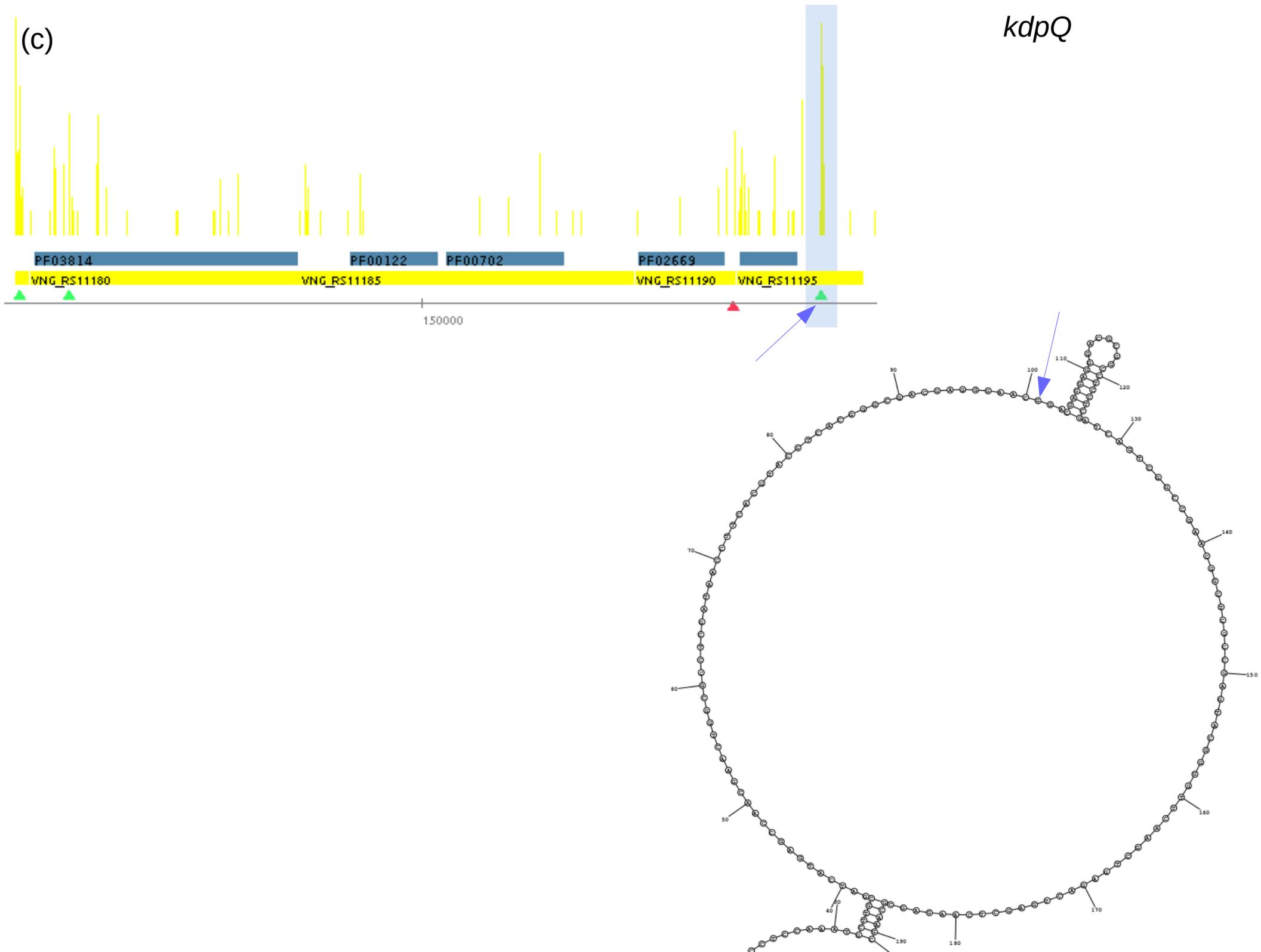
(b)

*bop*



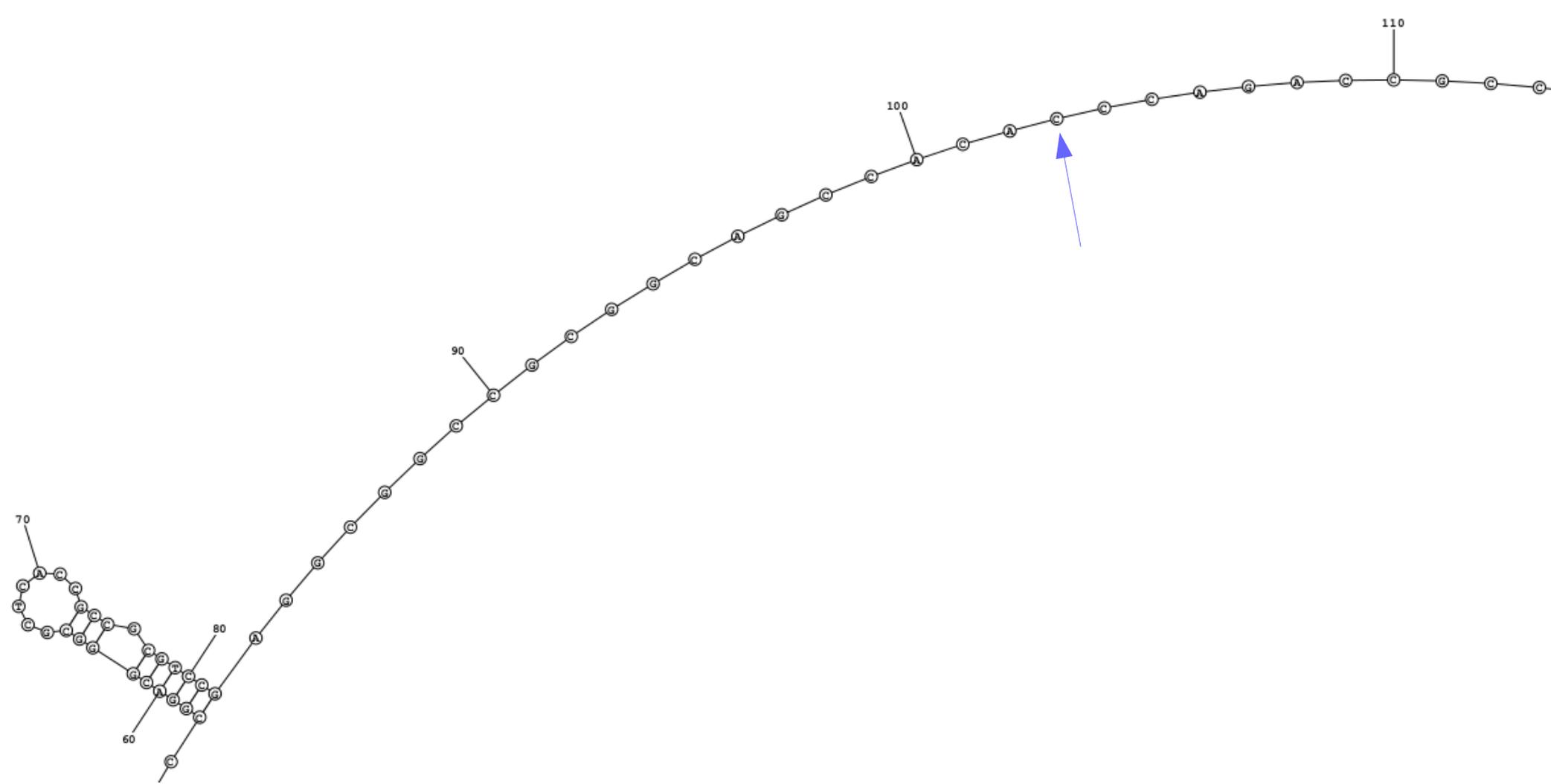
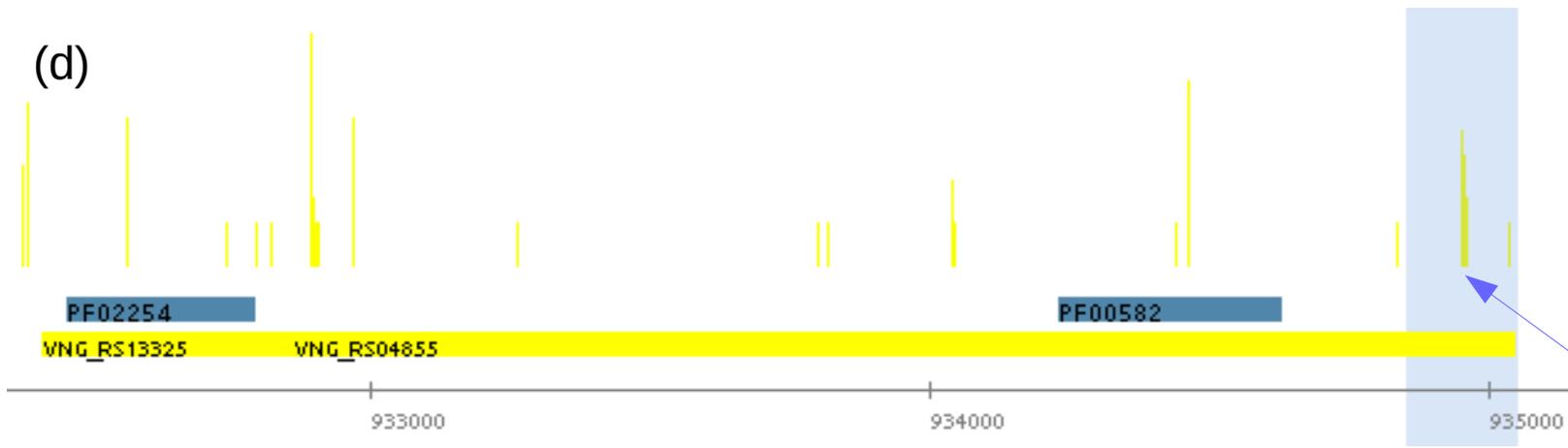
(c)

*kdpQ*

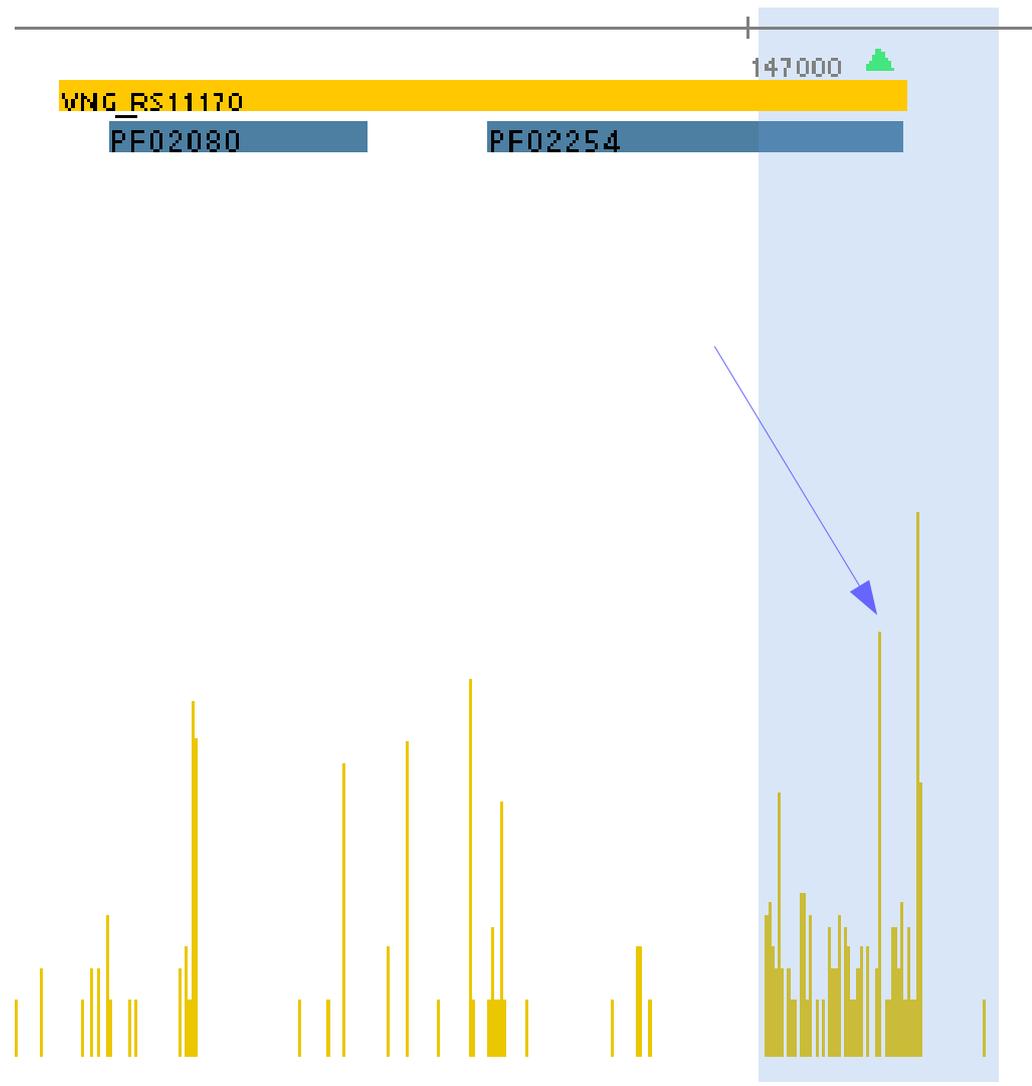
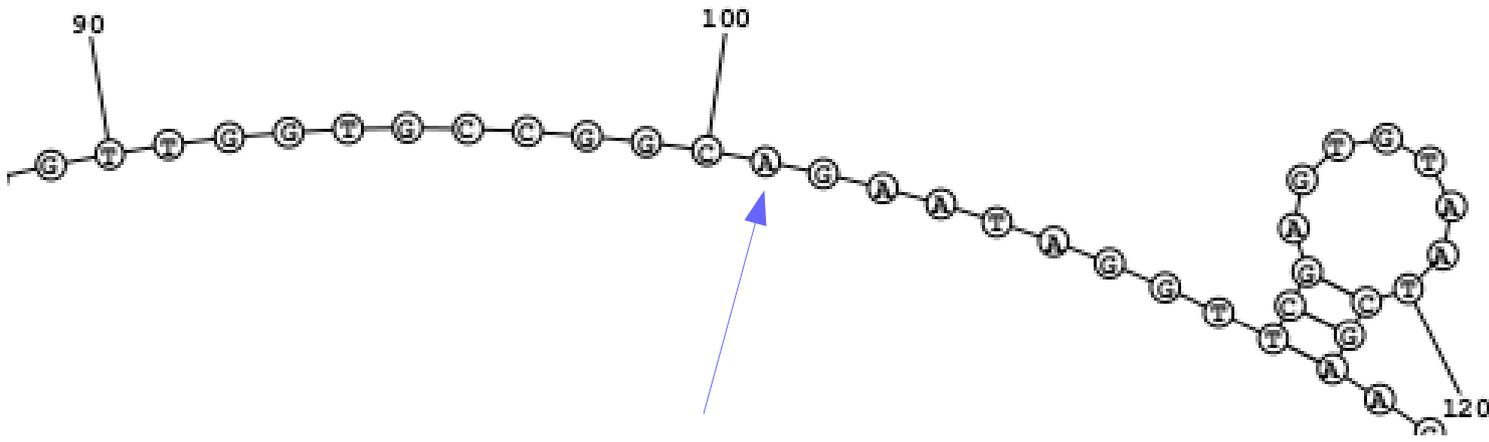


(d)

*yhdG*



(e)



*trkA2*