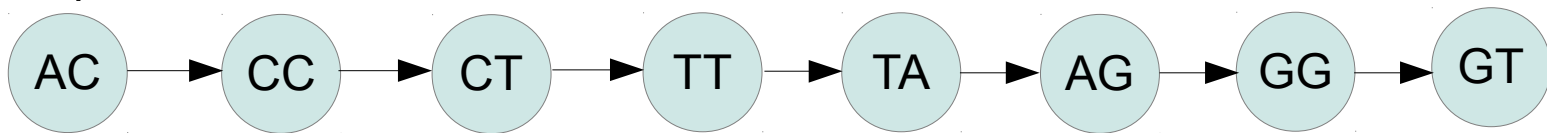


$S_{\text{dir}} = 5' \text{ ACCTTAGGT } 3'$
 $S_{\text{rev}} = 3' \text{ TGGAAATCCA } 5'$
 $k = 3$

a)



b)

