

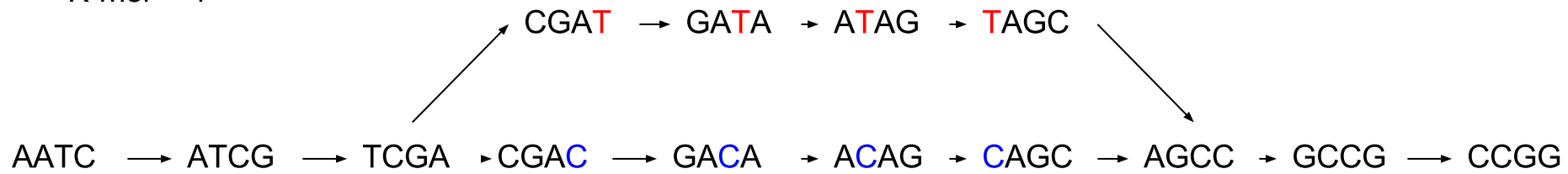
Given reads

R1: AATCGA
R2: CGA**C**AGCC
R3: GCCGG
R4: CGA**T**AGCC

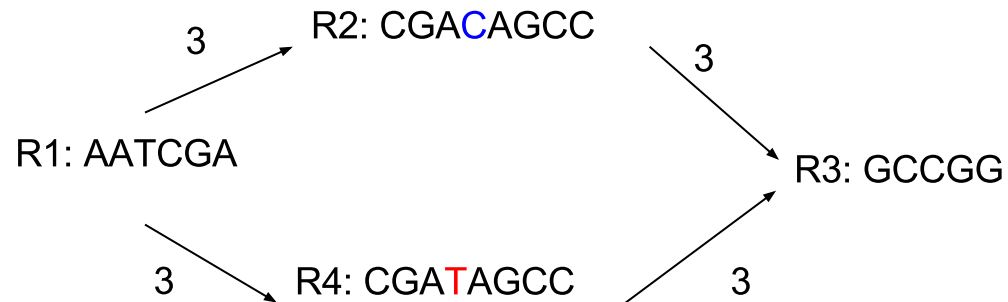
Goal: reconstruct haplotypes from reads

H0: AATCGA**C**AGCCGG
H1: AATCGA**T**AGCCGG

K-mer = 4



(a) De bruijn graph



(b) Overlap graph