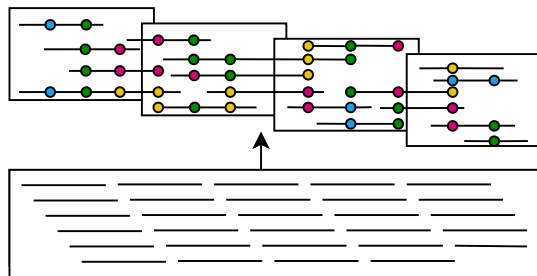


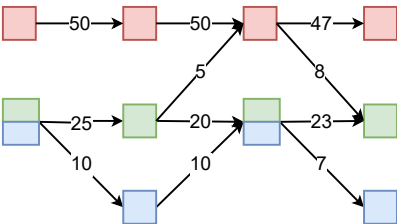
Segment contig into overlapping blocks  
and index mapped reads with SNPs  
(subsampled set of reads shown)



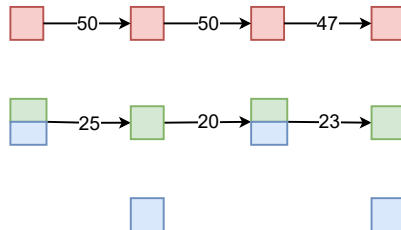
Phase each block independently by  
partitioning reads based on SNP  
concordance and determine local ploidy



Obtain coverage network flow  
using shared reads across blocks



Obtain vertex-disjoint paths by iteratively  
selecting paths with maximal minimum flow



Obtain haplosets (strain-specific read  
sets) by aggregating reads over all  
blocks in each path

