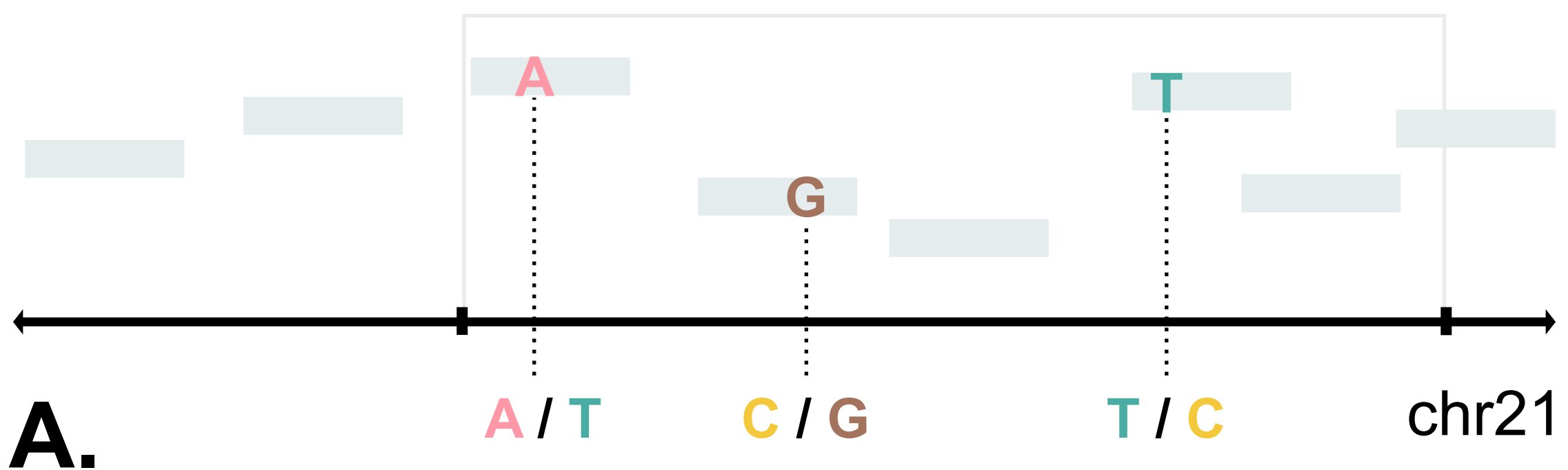
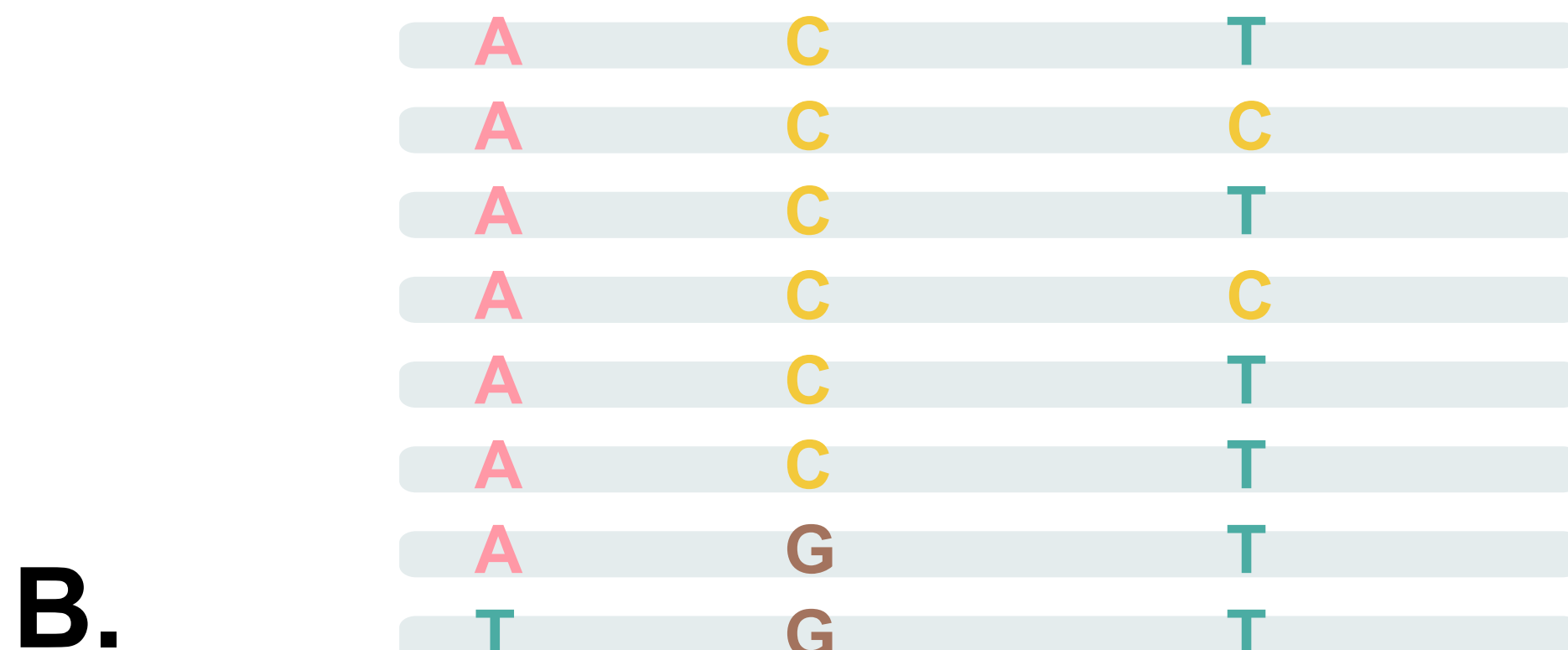


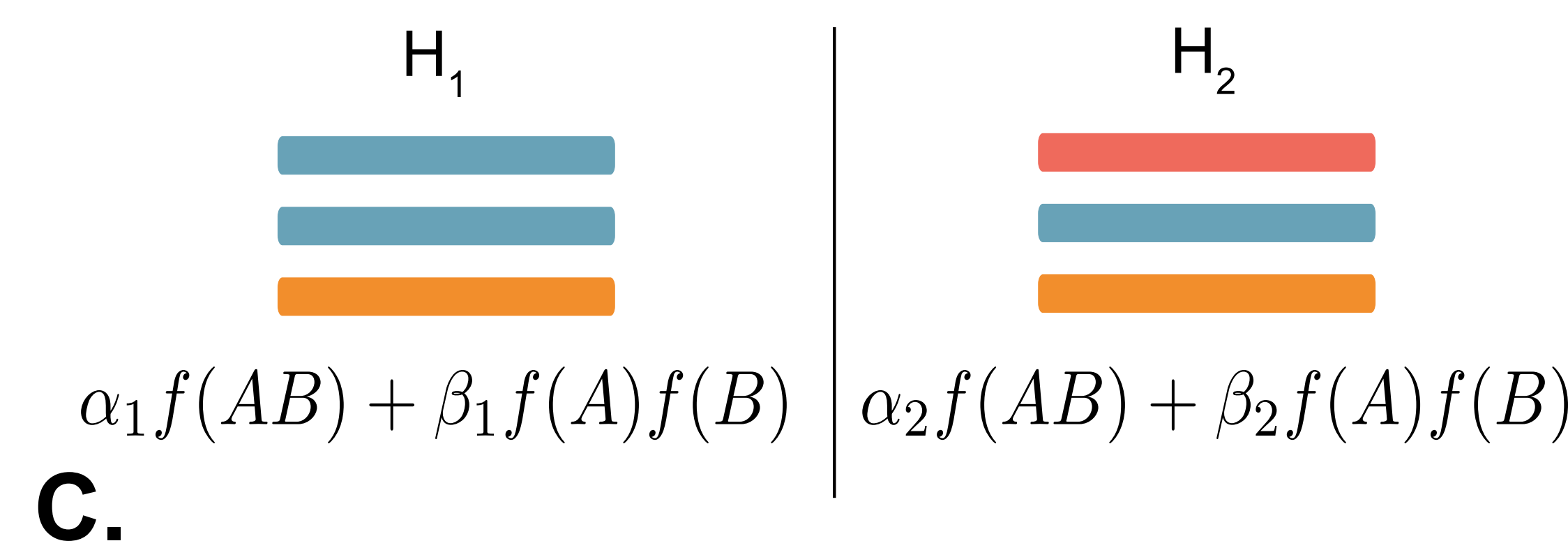
Within a defined genomic window, prioritize potentially informative reads that overlap with common SNPs



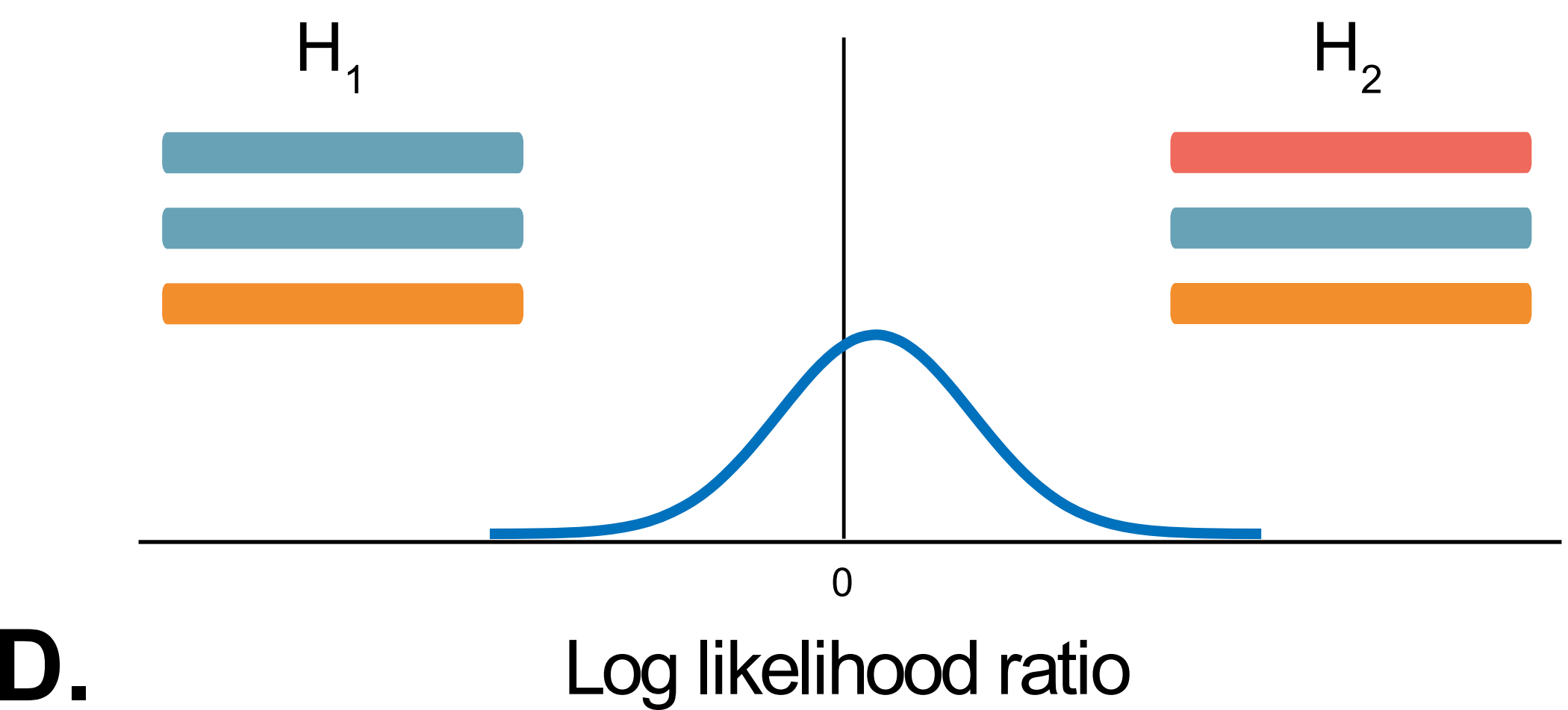
Quantify corresponding haplotype frequencies within a reference panel



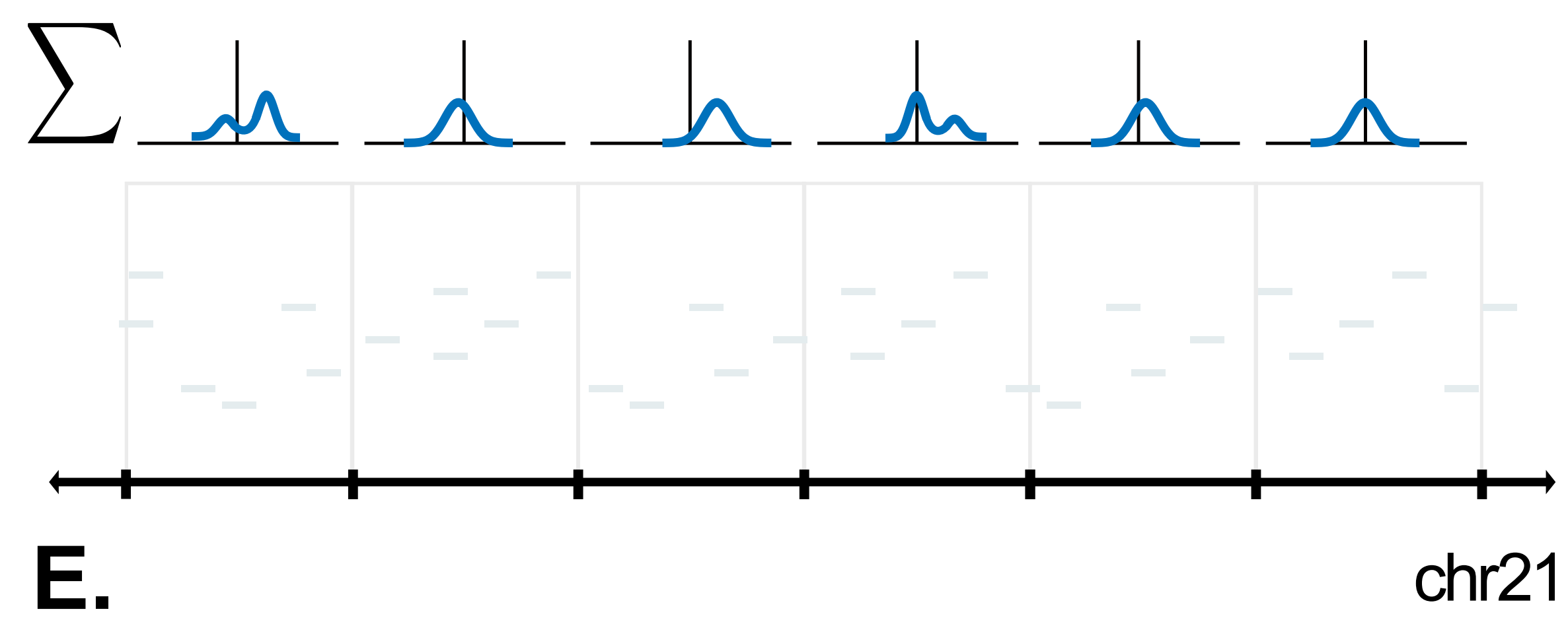
Randomly resample reads and compute likelihoods of observed alleles under competing ploidy hypotheses



Compare with likelihood ratio and repeat step **C** multiple times to form a bootstrap distribution



Repeat steps **A** - **D** in consecutive genomic windows and sum log likelihood ratios over larger genomic intervals



Classify ploidy state of the genomic interval

