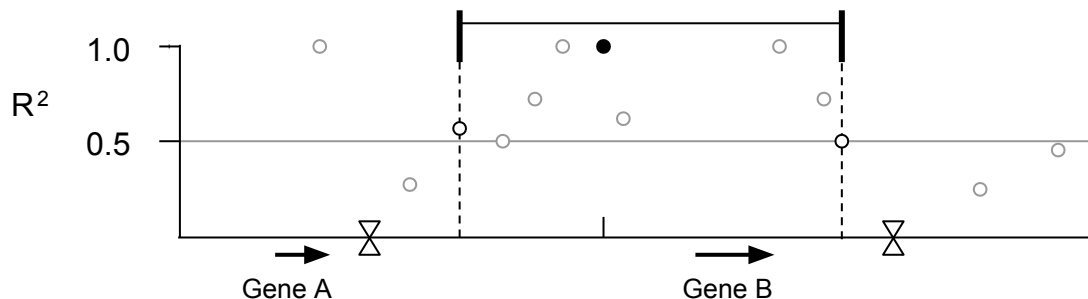


**1. For each SNP, find neighbors with  $R^2 \geq 0.5$  within a 1 Mb window.**



**2. Extend to nearest recombination hotspots with rate  $> 3$  cM / Mb.**

