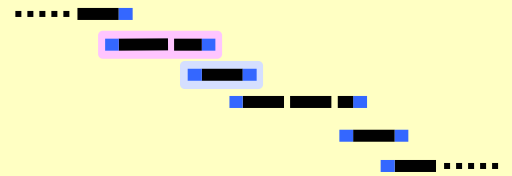
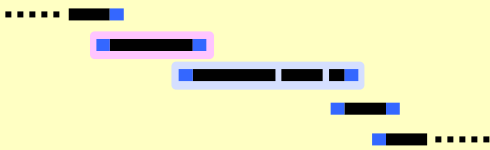


Genotype 1

Genotype 2



Cut with rare cutter (**PstI**) and frequent cutter (**BstNI**) & ligate to **PstI** adapter



Amplify small adapter-ligated **PstI** fragments

Polymorphic clones

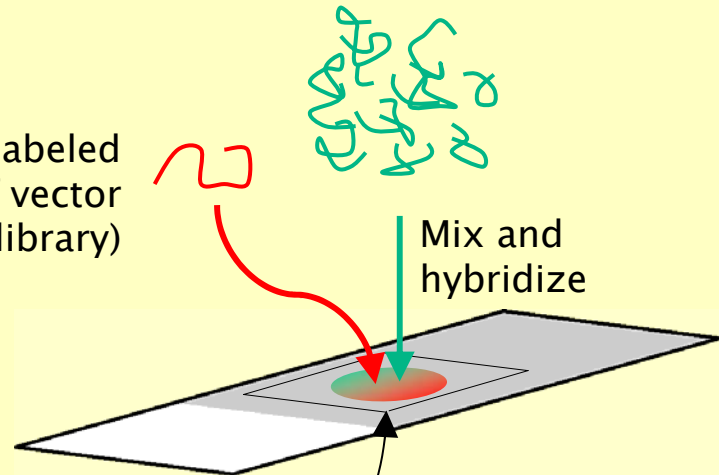
Genomic representation 1

Genomic representation 2

Label amplification products with **cy3**

Reference DNA for normalization labeled with **cy5** (= polylinker sequence of vector used to prepare library)

Mix and hybridize



Array containing individual fragments of a library that was built from a representation prepared from a mixture of genomic DNA samples of a group of genotypes