

A

Hybridization Probe 1
t g c A c g t

3' a c g T g c a 5'
Target DNA (SNP Allele 1)

hybridization

3' t g c A c g t 5'
a c g T g c a

Hybridization Probe 2
t g c C c g t

3' a c g T g c a 5'
Target DNA (SNP Allele 1)

no hybridization

3' t g c C c g t 5'
a c g T g c a