SNP probe sequences (25bp, color shows homology)

Allele A
Allele B

SNP locus sequences (in an AA homozygote)

Strand 1
Strand 2

Duplicon sequence (non-polymorphic)

Case 1, flanking sequence matches probe
Case 2, flanking sequence does not match probe

Possible SNP locus conversion outcomes

Strand 1
Strand 2

lower A signal, higher B signal
lower A signal, unchanged B signal