

X4E2F

5' -tgg ctg acc tcc tct ttg tca tca- 3'

X4E2R

5' -tgg agt gtg aca gct tgg aga tga- 3'

I use 2.5 ul of each primer per sample in a 50 ul reaction

1. 95 0:30
2. 94 0:40
3. 59 0:45
4. 65 3:00
5. goto step 2, 39 cycles
6. 65 10:00
7. 4 forever

The Wild-type band is approx. 450 b.p.

The disrupted allele is approx 2 kb

With trace background bands in the heterozygote at approx. 1kb and 1.6kb  
(the primers lie in exon 2 outside the neo-cassette and read through the  
disrupted allele to give the 2kb band)