CT216 RFLP Probe, 0 cM, Chromosome 6

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Primers
CT216F2, CCATCTTGTTA CCTACGTTACGGTTC
CT216R2, GCAGAGGAGCGGAGTTATGAG

Partial Sequence of 100a, CT216F2-R2: 861 bp:

Blast Search
No Match

SGN BAC Clone Search
The sequence matches with 100% identity to the following:

BAC LE_HBa0158P14
Clone name LE_HBa0158P14C06H Ba0158P14P158P14
Name Tomato HindIII BAC Library
Organism Solanum lycopersicum (formerly Lycopersicon esculentum)

Comparison With Other Breeding Lines
The CT216F2-R2 primer pair produced an excellent PCR band with Heinz, PR, 113a, 100a, Gh13, and 228-2. These fragments were directly sequenced. Upon alignment 228-2= Gh13= Heinz= PR=100a. 113a did not sequence. Therefore, there are no SNP or INDEL that distinguish the begomovirus resistant genotypes from the susceptible at this locus.