

COSII Marker C2_At2g20360, 50.3 cM, Chr. 9

Luis Montes, Brenda Garcia, and Douglas Maxwell
University of Wisconsin-Madison: July 21, 2006

Primer Name	Primer Sequence (5' to 3')
LM9-F6	TCGCTACAGTCTTTGGAGCTACTGG
LM9-R6	TCCTCAGATCCACGGAAAGGAACC

Cerasiforme LM9R6: 159 bp;

```
1      TCCTCAGATC CACGGAAAGG AACCAAGACT TGACTGCCCA TTTTAGCTGA GATCCCCAAA
61     TAACAGAAAA CAAGTACCAT TTACCTCAA AATTCTTTAA CTNTTTTANN GGGTAAGTAC
121    AGGAAAAAAGG AGAAGGTCAT TAGAACGTAC CAAGTCGTT
```

Blast Search

No Match

SGN BAC Clone Search

No Match

Comparison With Other Breeding Lines

Cerasiforme and 902h each gave good sequence with the reverse primer only. Upon alignment the two sequences matched identically. Therefore, there are no SNP or INDEL that distinguish the begomovirus resistant genotypes from the susceptible at this location on chromosome 9.