

## C2\_At2g32950, Chromosome XII, 14.5 cM

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### Primers:

Table 1: PCR Primers on Chr. 12

Primer name	Sequence (5' to 3')
C12-14.5F	ATATATGCTGTGTAATAATATAATCCTGG (SGN primers)
C12-14.5R	TGGCTGGTGTTCTCAAGTCATAATAATG (SGN primers)

PCR at 55 C, (TGEN55), 650-bp fragment

SEQ M82, 648 bp;

ORIGIN

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1      ATATATGCTG TGTAATAATAT AATCCTGGAT CTAGTGTTCA TATAGCGGTA AATGTATTAA
61     TTTTTGAAGA GCTTTCTTTT ATTATTCCA CTCTGAACT GCTGGTCAAT GCATTATTTT
121    GATGTAGTGA CCTCTTTTGT TCTCTACTTC CAAGTCTCTA ATTTAATACC CCTTCTACT
181    CATCTAGCCC ATGGGTGATA TAATCTGTAC TTTTGCAATC TGAAAAGACC GCGACTGATA
241    TTATAGGCCT CTACTAAGAT GCAATAACTG AACATGTATA TACACTTGAT TGCTCAAACA
301    TGCATGTGTG TCTCCTGATG CTGTTAGGTT GATGTCCATG ATGAGTTTTA CTAGAATGAT
361    CACGCCATTA TCAAATTTGT TATGCTGTTA CACATGGATA CTCTTTCGTT TACTCCATTA
421    CCTATGCAGA CACCATGCTT CCTTATGGCA TATAACTTCA TTTGTGTCCA AAAGGTTCCA
481    GACCCTCGAT CATGTGCTCC TTTAAAAGTT CTGGATGCTA TTTAGAGCAT GAATTTCTCA
541    TATAGCTCAA GTTCTTTGTG CTTCAACCCA AAAAAGGGAA TATATCCTCA TGGTGTACAT
601    CTCGTTTTAT CTTGTAGGTT GGCTCTGCGG ATCATCATAT TCATTATTAT GACTTGAGGA
661    ACACCAGCCA
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**Comments:** Sequence M82 = Heinz 1706 = Gc9 = Glh902 = Gc171 = H24 = Gc143-2 = Marwa

(no introgression from wild species found in begomovirus-resistant breeding lines)