

C2_At4g03280, Chromosome XII, 12.5 cM

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Primers:

Table 1: PCR Primers on Chr. 12

Primer name	Sequence (5' to 3')
C12-12.5F	TATGAATTTGCTTTTATTGGGTGC (SGN primers)
C12-12.5R	ATCTTTGGCAGGGGTACCACCAC (SGN primers)

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

SEQ M82, 649 bp;

ORIGIN

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1      TTTTATTGGG TGCACTTGCT TTACCAACTG GTGGAATGCT TGTACCTTAT GCTACTTTCT
61     TTGCACCTCC TGGGTTAGTT CCTTCTTCCT TTCCTCATAC TTGATGTATA GCTAATTAAG
121    AAGTAAGTTA TGCAGGGTAG AAAATAAAAT AACTATCGGT ACATAACTAA TATCTATATA
181    ACCGGTGTAA AGTTTGGATG GACTTATTGC TTAAGATCCA AACGTCTTAT GTTAACTTAT
241    GACTTATTTT GGGTTAAAAA CAATGGCTTA ATAAGATTAC TTTTCAATCT TACCTAAACA
301    CTGCAACTGT TTAAAAATGC CTAAAATAAG TCGATGCAA TAGGCTCTAG CTATGTTACT
361    CTTTTGTTC AATCTAAGTC GATAAGATAG GGACATATAG ATAAATGTAA TGACATGGAA
421    ACTTGATGTG TTAACAATTC CTTTGTAACT CACAAAAGAT AAAAGGCTTT TGTATATCAT
481    AGACGGGCTT GATCAATCTG TTTGTCTGTC TATCTATCTA TCTATCTATC TCATACGAGA
541    CATTGTTGTT ACGTTTGTGT AACTAACCAT GATTTGTGAT TTTTTCGTTC TATCTGGAGT
601    TGATCAACAG CTCAGGAGGT GGTAGTGGTG GTACCCCTGC CAAAGATAA
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Comments: Sequence M82 = Heinz = Gc9 = Glh902 = Gc171 = H24 = Gc143-2 = Marwa

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