

## RFLP Probe TG110, 54.00 cM

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Primer Name	Primer Sequence (5' to 3')
TG110F2	GCTCAGACCCCTTACTCAAGAG
TG110R2	GAAATATAAGAACATGACTGTCTGACAGC

*L. esculentum* forma *Cerasiforme* genomic DNA from RFLP Probe TG110:

ORIGIN

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1      GCTCAGACCC CTTACTCAAG AGGGCTTCTC TTCCTCTTAT TGTCAGAAGT CAAATGGTTA
61     AGTCCAGTTG GGGCAACTGG GCCAGACGAC ATTGATAGCG GAGTTTCCGT GGTAAGGTAC
121    AAAGCTTTTT GTCTGGGTCT TGGGCAGACG TACTCAACTG GTACAAATAG AAAGGCTCGT
181    CCAGTGAGTG ATGACACTAG CGAGTAAACT GCAAAAGGGT CTTGCTTGGT ATAATATAAG
241    CGGATGACTT AGTTATAATT AGCTCAGATG TGACTTCTTT GCTCGGTTTC GGTTGCTTGA
301    CTCAATAATG GCCCTTCAA GTCATTGACT CCATATTTAG GGAACGGTTG AACTCCTTTT
361    TTCTTTTTCA AGCTGTCTGAC AGTCATGTTC TTATATTTTC
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Blast Search (GenBank):

BA000042, *Nicotiana tabacum* mitochondrial DNA (appears to be a 98% identity)

AUTHORS Sugiyama, Y., Watase, Y., Nagase, M., Makita, N., Yagura, S., Hirai, A.  
and Sugiura, M.

TITLE The complete nucleotide sequence and multipartite organization of  
the tobacco mitochondrial genome: comparative analysis of  
mitochondrial genomes in higher plants

JOURNAL Mol. Genet. Genomics 272 (6), 603-615 (2005)

Comparison With Guatemala Tomato Breeding Lines:

*Cerasiforme* = 108a = 902h = W28 = 35a