

COS Marker T1098, 30.0 cM, Chr. 6

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Primer Name	Primer Sequence (5' to 3')
T1098F2	GTTAGTTCCTTCTGAGAAGATGGCTG
T1098R2	CAGGATGACTGTATAGTCTGTAGACATTG

100a-T1098F2-R2: 449 bp:

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1      GTTAGTTCCT TCTGAGAAGA TGGCTGGACT TCCAGGATAC AGCGCCCTTG CTCCAAGAC
61     TAAGAATCTG GTTATGGCTG GAGGTTTGAC AGGATTTGTT TTTGGTGTGT ACTACTACAC
121    TATGAGAGCT GTTGGAGGCT CAGATGAACT TCAAGTAGCC ATTGATAAGT TTGAAGATGC
181    AAAACGCAGC AGTGACGCTG AAGCAAGTTT GGCACCCAAG CAATAATTGC ATCCAATATG
241    AAGGTGACAC TGCAATTTGG AAAGAAGTAC TGGATGATTT TGAAGGAGTA GAACCAGACT
301    GAATAACTTG TCCTGTTTCT CATGCTTTGC GAATACACAC ACTTAGCTGT AAAGATATCA
361    AGATATTGCA TCCTTTTTTA AGCTTTTATG TTGAGATAAA TTTTCTTCTT TTTTGAATTT
421    CAATGTCTAC AGACTATACA GTCATCCTG
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Purple Russian T1098F2-R2: 449 bp:

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1      GTTAGTTCCT TCTGAGAAGA TGGCTGGACT TCCAGGATAC AGCGCCCTTG CTCCAAGAC
61     TAAGAATCTG GTTATGGCTG GAGGTTTGAC AGGATTTGTT TTTGGTGTGT ACTACTACAC
121    TATGAGAGCT GTTGGAGGCT CAGATGAACT TCAAGTAGCC ATTGATAAGT TTGAAGATGC
181    AAAACGCAGC AGTGACGCTG AAGCAAGTTT GGCACCCAAG CAATAATTGT GTCCAATATG
241    AAGGTGACAC TGCAATTTGG AAAGAAGTAC TGGATGATTT TGAAGGAGTA GAACCAGACT
301    GAATAACTAA AACTGTTTCT CATGCTTTGC GAATACACAC ACTTAGCTGT AAAGATATCA
361    AGATATTGCA TCCTTTTTTA AGCTTTTATG TTGAGATAAA TTTTCTTCTT TTTTGAATTT
421    CAATGTCTAC AGACTATACA GTCATCCTG
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Blast Search

The Purple Russian Sequence matched with 100% identity to the following:

DEFINITION *Lycopersicon esculentum* cDNA, clone: FC23BG12, HTC in fruit.
ACCESSION AK224864
AUTHORS Tsugane,T., Watanabe,M., Yano,K., Sakurai,N., Suzuki,H. and
Shibata,D.
TITLE Expressed sequence tags of full-length cDNA clones prepared from
the laboratory-grown miniature tomato (*Lycopersicon esculentum*)
cultivar Micro-Tom
JOURNAL Plant Biotechnol. 22, 161-165 (2005)

SGN BAC Clone Search

No Match

Comparison With Other Breeding Lines

19a=35a=88a=100a=113a=W28=Gh13. Mandarina=68a=Purple Russian. The two groups differ by 8 SNP.