

COSII Marker C2-At1g11430, 70.1 cM, Chr. 2

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Primer Name	Primer Sequence (5' to 3')
BG2F-7	AGTTCCCTAAAGACCCTGCTCCTAC
BG2R-7	ACTAAAGGCATACATGTTCTTCTTTGC

Cerasifforme BG2F7-R7: 661 bp;

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1      AGTTCCCTAA AGACCCTGCT CCTACTAGAG AACGTGATTG GTCTTATCTT GACCCTCTAG
61     CCACCGTTCT TGGAAGGTTA GTTTTGTAAT ATATTGTTAT TTCTTGTTTT TATGGGATAT
121    AATTTGGGGG TTTGAGTATT GCTCTGGAAG TTTTGTCTT GGCAATTAGT TACTTAAGTT
181    ATATGATTTT GAATGTGTTT GATAATTTTC CTTAGTGAAT GTATTCCATG TTATGTTCTT
241    TGTGGTGACT AATTACAGAA TAATTAACTG TAAACTGTGA ACAAAGATGA TATCTTTAGG
301    CATAGGATTA GATTGTCCAA ATTGTGGACT TCTAAGATAG TCCATCCCAA GAACTTGAAG
361    CCTTCTTTAG TTAATAATATT AATGTTATGC TAATCAATAA ATCCAGTTTA CTAGGTATAC
421    ACAAGTTTCG GTTACTCCTG TCCTGTAAAA GTACTAAGTA ATTTTCGTAAG AGGGTGGTAG
481    AAACATAGAG TTGTTGATAT TGACCAAGTA GTTACTGATA AAATTTTGGT AGGATTTGTG
541    ATTAGTTTGG TCTAGCAGAA TAGATCATGT TCTTGTTAAC CAGCAGAGTT TTTGTTGGCT
601    TATTAATCTA ATTCTTCGTA TCAGTATGGA AGAGGCAAAG AAGAACATGT ATGCCTTTAG
661    T
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902h BG2F7: 553 bp;

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1      TTTATGGGAT ATAATTTGGG GGTTTGAGTA TTGCTCTGGA AGTTTTTGTC TTGGCAATTA
61     GTTACTTAAAG TTATATGATT TTGAATGTGT TTGATAATTT TCCTTAGTGA ATGTATTCCA
121    TGTTATGTTT TTTGTGGTGA CTAATTACAG AATAATTAAC TGTAAACTGT GAACAAAGAT
181    GATATCTTTA GGCATAGGAT TAGATTGTCC AAATTGTGGA CTTCTAAGAT AGTCCATCCC
241    AAGAACTTGA AGCCTTCTTT AGTTAAAATA TTAATGTTAT GCTAATCAAT AAATCCAGTT
301    TACTAGGTAT ACACAAGTTT CGGTTACTCC TGTCTGTAA AAGTACTAAG TAATTTTCGTA
361    AGAGGTGGT AGAAACATAG AGTTGTTGAT ATTGACCAAG TAGTTACTGA TAAAATTTTG
421    GTAGGATTTG TGATTAGTTT GGTCTAGCAG AATAGATCAT GTTCTTGTTA ACCAGCAGAG
481    TTTTGTGGG CTTATTAATC AAATTCCTCG TATCAGTATG GAAGAGGCAA AGAAGAACAT
541    GTATGCCTTT AGT
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Blast Search

No Match

SGN BAC Clone Search

No Match

Comparison With Other Breeding Lines

Cerasifforme produced useable sequence with both the forward and reverse primers. 902h gave sequence with only the forward primer. Upon alignment Cerasifforme differed from 902h by one SNP in 553-bp of overlap.