

MK000008=C2/1700

Marker: C2-1700

Type: Dominant

Description: STS primers (derived from a subset of RAPD markers) that were tested for polymorphisms at the *Mj-1* locus in carrot. Not linked to *Mj-1*

Reference: [Leonardo Ph.D. Thesis](#) Table 4.1

Primers: C2forward5'-TGA CAA TGA TGT CTC TCC CC-3'
C2reverse5'-TAG AAC ATG CAA CCT TCC CC-3'

PCR Reaction: 94°C 2:00; 40 cycles of {94°C 0:30; 55°C 1:00; 72°C 1:30}; 68°C 10:00

PCR Program:

Screening Method:

Product Sizes: .

Example:

Sequence Information: From Leonardo's thesis table 8.25: (93) OP-C2/1700 BR (partial sequence).

Sequence here is reverse complement of the sequence in the table so that primers are oriented as named.

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CCAACTATTAGGTGACCTATAGAATACTCAAGCTATGCATCCAACGCGTTGGGAGCTCTCCCATATGGTCGACCTGCAG
GCGGCCGCACTAGTGATTGTGAGGCGTCCCAGAAATGTCGGTTTTGTTGAGGAGTTTCTTGAGTGGCTGGTCTGTGATGA
CAATGATGTCTCTCCCCTGGAAATAGTGCCTTAGTTTCCCACTAGCCATGATGAGTGCCTAGGCCAGCTTCTGGATTGG
AGGGTATCTTGTCTCGGCATCTTTTAGTATTTGACTGACATAGTAAACTGGTTGTTGAATGTCTGCTACTTCTTTGACT
AACACCGCCCCACGGCTTGGTCCGATGCTGAGATGTAGATGGATAATGTTTCAGACGGATCCGCTGTCACGAGAAGTG
GCGGAGAAGATANGTATTCCTTGAGTTCTTGGAAATGCTTGTGGCATTGTTGTGTCCACGTGTATGCTTGGTGGCCGA
AGCCCCTTTTCAGANTGGCCAAAAATGGAAAGCATCGGTCCGCTTATCGTGGGATAAACCTCNGCAACGCCNCAGGCATC
TGTGANCCCCTGTTNCTCTTTNACAGTTCCGGGAAGGTTGCATGTTCTATGAACNCCCTGAATTTTCTGGGTTGGCC
NTAATGCCCCCTTACNTANCCAATATCCCAAAAACCTTCTGCCTCTAACNCCAATTTGCCCTTGGCGGGAATCAACT
CCTNTNCTGNCNTAAATTTTCAAACATCTTCCGGTCTCCCAANTTACCTTGTGGGTTAATCCNANCAATCCNNAAC
CAATCCNTTTTCTCCCTTACAAAAAATTATCCCCNCTTGNCTGGCCCGGTTAAAA
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