

MK000007=H20/1400

Marker: H20-1400

Type: Dominant

Description: STS primers (derived from a subset of RAPD markers) that were tested for polymorphisms at the *Mj-1* locus in carrot

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

Primers: H20/1400 Forward5'-ATA AGG GAT AAA GTG GCT CAA CAG-3'
H20/1400 Reverse.....5'-GGG AGA CAT CAG ATA ATA CAA-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: (46) OP-H20/1400 BR Central part missing. Ten b.p. on each end is RAPD primer sequence.

GGGAGACATCAATCATCATATAAGGGATAAAGTGGCTCAACAGCTTAACATAAATCCATATTTGTTTATTC
CCAACAGGAAAGCAAAGATGAGCTAAGGGATACACTATCAACATACCATAAGCCACAAGCTCTGAGCTTTT
GAAACTGATATTCTCATTAGAATACTTTTGAAGAGTTCGAAGACAACCTGAAAGATCAGTTTTGCTCAGAGA
TGGGGACTTTTTCTGTTATGCATCTAATTTCCATTGATAGCCGCAAATTCATAAATGCACTGCATCCAAGA
ATTTTCCACTGCAGAGCCTTACTGCCACTTTCTTAGCTTCATCAGATTTCCCCAGTTCCATTAATAAAGAT
ACATACTGGCAAGCAAGATCTTcCGTAAGACAACCCATcCTCTCAGCTTTTTTCATATaCCATTAAGATGTG
TGAGATGGAATCTACaCCATTAgCCaAAGTAAAGtTACgCATTTTTTcCACTTTGtTGACCAATCGCATCaA
CCAAAAtTTTTGtATAATGtATAAACATCATATGcAAGGCaCAaTTTcTACAGcTTcCTcATAAATcTGAA
TGtCaTTAaACATACaGtcaTTcAgAgGGACTACagGtGCC

nnnnnn

ATGaAAcTACAAGATCCTTTCCCGTACTCATTCCGAATTTAAaCAaACATATCAACTTTTTAAATCTTTATT
TATCCCAAAAAACAAAGATGCACATTAATCTAATTGATGGTTTTAGACTTTACATTTTTATAAAACCCTGTT
ATAGCATGCATATTGCAAAAATTTGTACATTGGTGAAGTGGGTATATGTTCATAACATGCAAACTAGTT
AGAAGTGTGGTTTTGATCCTAATTGAAGATACCAAACCTGAATTGCTTTCTCCAACCTTATGTAAGCTAATA
TCTTCACTCATTCCATGGGTTTTTGAAGTTGACCTGCTTCACTTCTCGCAAGCCAGTCCCAATACTCGGG
TTCTTTCAAAAATCTCTTTTCATGTCATTAAGTATATTCTTCTTCACTTTCTTCTGAATGTGCTAACTCTG
TAGCTTCAAGTATCTCCAaCATTGAGTTCTCAAaCTAAAATCTGAAGGgAGGGCTTTCACTGCATTGCTG
TAAaCAGTTTGAAGAATGCTCAGaCCTTGCTCCCCAACAGATCAGATTTTTTTTTCAaCCTCACCATTGTT
ATTATCTGATGTCTCC