

MK000009=Q6/500

Marker: Q6-500

Type: Codominant

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

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

Primers: Q6 TIPICO 5'5'-GAG CGC CTT GAT TGA TGC TGT GTT GCC-3'
Q6 TIPICO 3'5'-GAG CGC CTT GGC AGC ATC GAT TAG TAG-3'

PCR Reaction: 94°C 2:00; 40 cycles of {94°C 0:30; 59°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: (92) OP-Q6/500 BR. Ten b.p. on each end is RAPD primer sequence. Sequence here is reverse complement of the sequence in the table so that primers are oriented as named.

gmgegccttgATTGATGCTGTGTTGCCATAATTCACCTTTGGATAAAGTGAATGTAAAACATTGTGATATCA
AGGGCAAYTACTTGaAAAAAAAAAGGGAATTGATATAATAGACCAATCCCGTTGGTCACAAATTTGCAATG
TAATATAtaAACTGCATCAATTGTRAGTGATTTCTTTTATAATTCTGGGCTTGTTGATTCTATTGACRAAG
TGCCGCAKTATAGCAGTTTAYTCGTGCatATACTTGGCMTTATCATGATTAGTATGAGTGGTAGGAAAT
TTGGCGAGGGAGTAGCAATATGCTAATCCACTGTTTTCTTAACGTCTTGTCAAACATAAGCTATTGTATCT
TCAAATCTTATCTGTATCTGGTTAACAGGTGTCTTATTACTGATAAGACATGGAGCGGACGTGGACGTAG
AAGACAAAGAAGGGTACWCTGTACTTGGTCGAGCTTCAAATGATCTAAGACCCTACTAATCGATGCTGCC
aaggcgctc