

## MK000011=AL15/500

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**Marker:** AL15-500

**Type:** Monomorphic

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

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

**Primers:** AL15 5' .....5'-GAA GCA GAT CGA TAA CCA GA-3'  
AL15 3' .....5'-AAG AGC CTA GGA TGA TGT GA-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: (91) OP-AL15/550 BR. Ten b.p. on each end is RAPD primer sequence. **Primers do not match in this sequence.**

**Aggggacacc**AATGGARGGATGAGT**a**CGGACGTGTCTTCAGTCGTTTCCAATCATT**TTTGACACGAGGTCTT**  
ATGAAGATCAAGAATATCATCCCATCAGTTCAAGTGGACCGGTGGAcCTTGGTTGTCTGTGGAATTATTGA  
TTTTTTCAGATTTAGGATTTGCAGTTGAAAGGATCAGGCAATCATGATAGCTACAGAACATATAAGATTAT  
ATACTGCTGCACATAATAATAGATGACTTAGCAATAATTGGTGCCATAAAGTAGGAGTTGTTTCTGTATAA  
TACTACTTGAAC**T**TAAAGATTTATCATCATCAATCCACTCATATCATTGTCTATCACGTCTTCTTGTTATCA  
GACTTTTAAGTATTAAGTCCCTATCAGAAATCACTTCATTTCTTTCAA**A**ATTGTTCTGGAGTCTTAATATT  
TGAAACATTATGAAACAAAACATGCACTTGAGGCCTTARGCCATTGCTA**a**CCA**A**CTCcARCTWAATATAAA  
GATGTAAACAAGCCAAATTGKTCCGACATTARAAGT**t**CA**rgtgtcccct**