

MK000014=Dominant Scar GGTCTT350-4/H

Marker: Scar-GGTCTT350-4/H

Type: Dominant

Description: Conserved AFLP fragments

Reference: [Carlos Santos, Ph.D. thesis 2001](#) p 119 (Table 3.3) pp 177-179; [Genetics and Molecular Biology, 25, 2, 195-201 \(2002\)](#)

Primers: Frag4Left.....5'-TAACTTATAAGAAGGGATGCCTATTCG-3'
Frag4Right.....5'-TGCAGGTCCTTTATCATAGTTTTG-3'

PCR Reaction:

PCR Program: 35 cycles of {94°C 0:30; 56°C 0:40; 70°C 1:00}

Screening Method: Product size by agarose gel

Product Sizes:

Example:

Genbank reference:

Sequence Information:

HCM

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00001 GATGAGTCCT GAGTAACTTA TAAGGAGGGA TGCCTATTCG GAATTGATAT AGTGCACCAG
00061 AATCCAGGGG TAAATCTGGC CATCGAACCA CAAAATGCTA ATCCGCAACC ATAGACTCTG
00121 AATACCCCAA ATCTTCCCAC TTTGCTCCCA AATTCAGTTA CCTCACCAAC AATCTAATGT
00181 CTGCATCAAT TACCATTAGT TAGGGTGAAT AAGATCATGC CAATTCTTTG GTCATGATTG
00241 TTACACCCCT GGCTGAGCAT TGAAGATTGC GAATTTGAGA TTCTAAGAGC AAAACATATGA
00301 TAAAGGACCT GCATGTACGC AGTC
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B493

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00001 GATGAGTCCT GAGTAACTTA TAAGGAGGGA TGCCTATTCG GAATTGATAT AGTGCACCAG
00061 AATCCAGGGG TAAATCTGGC CATCGAACCA CAAAATGCTA ATCCGCAACC ATAGACTCTG
00121 AATACCCCAA ATCTTCCCAC TTTGCTCCCA AATTCAGTTA CCTCACCAAC AATCTAATGT
00181 CTGCATCAAT TACCATTAGT TAGGGTGAAT AAGATCATGC CAATTCTTTG GTCATGATTG
00241 TTACACCCCT GGCTGAGCAT TGAAGATTGC GAATTTGAGA TTCTAAGAGC AAAACATATGA
00301 TAAAGGACCT GCATGTACGC AGTC
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AFLP fragment from Carlos Santos Ph.D. Thesis Figure 5.4 GGTCTT350 sequenced AFLP fragment with 99.66% identity between B493 and HCM. The first 13 and last 12 nucleotides are the AFLP adaptors.