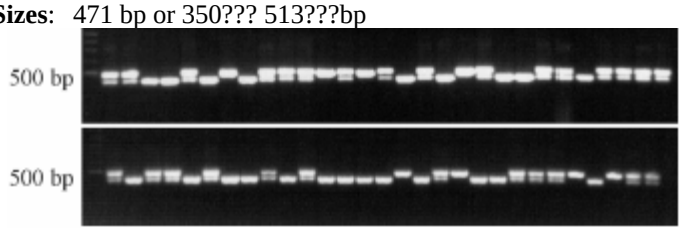
http://www.vcru.wisc.edu/simonlab/sdata/MK000013.pdf

MK000013=Codominant Scar-AFLP3

Marker: Scar-AFLP3 from GGTCTT 471-4/H
Type: Codominant
Description: SCAR from conserved AFLP band.
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: Frag2Left.....5'-TAACTTCTCATTCAATCTTTCTGGA-3'
Frag2Right .....5'-TGCAGGTACTAGGTGAAGCTTAT-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: 471 bp or 350??? 513???bp



Example:
The co-dominant SCAR GGTCTT-4/H separated on a 2% agarose gel, where first left lanes are size markers. Progenies from a B493 x QAL F2 population (top) and from a Brasília x HCM F2 population (bottom).
Genbank reference:
Sequence Information:

```
HCM
00001 GATGAGTCCT GAGTAACTTC TCATTCAATC TTTCTGGATT GTCACTTTCA CTAGCTAACT
00061 CTGAGGATGC CATTGATGCT ACAGCTAGAT GTCCAATATA GTCTTCGAAA AGCTCACTTC
00121 CAAAAAGAAG AGCAAAGACA GCAGTGGGAT CAAGCATGGT GTCCCTGAGA TGTAACTCAT
00181 CATATCAGAC ACATTGCATA CACTAAAGAA AATTTTGATC CAAAGTCATC ATGTAAGAGT
00241 ACCACTGTAC GAGTAATTGG AAATCACATT CTCTAGTTAT GAGCAAACTG ATTTCCTAAT
00301 CAATTACATT ATTATACCTC ACATTGTCAA ACATGAGCAT ATAAAGAAGA TGCTTACTTA
00361 GATATGCAAT ACTTTCCATT GCGATCATAT GCATCCCTTT GCACTGGATC ACTCAAAACC
00421 TGATAAGCTT CCCTAGTAC CTGCATGTAC GCAGTC

B493
00001 GATGAGTCCT GAGTAACTTC TCATTCAATC TTTCTGGATT GTCACTTTCA CTAGCTAACT
00061 CTGAGGATGC CATTGATGCT ACAGCTAGAT GTCCAATATA GTCTTCGAAA AGCTCACTTC
00121 CAAACAGAAG AGCAAAGACA GCAGTGGGAT CAAGCATGGT GTCCCTGGGA TGTAACTCAT
00181 CATATCAGAC ACATTGCATA CACTAAAGAA AATTTTGATC CAAAGTCATC ATGTAAGAGT
00241 ACCACTGTAC GAGTAATTGG AAATCACATT TTCTAGTTAT GAGCAAACTG ATTTCCTAAT
00301 CAATAACCTT ATTACACCTC AAATTGTCAA ACACGAGCAT ATAAAGAAGA TGCTTACTTA
00361 GATATGCAAT ACTTTCCATT GCGATCATAT GCATCCCTTT GCACTGGATC ACTCAAAACC
00421 TGATAAGCTT CACCTAGTAC CTGCATGTAC GCAGTC
```

AFLP fragment from Carlos Santos Ph.D. Thesis Figure 5.3 GGTCTT471 sequenced AFLP fragment with 94.52% identity between B493 and HCM. The first 13 and last 12 nucleotides are the AFLP adaptors.