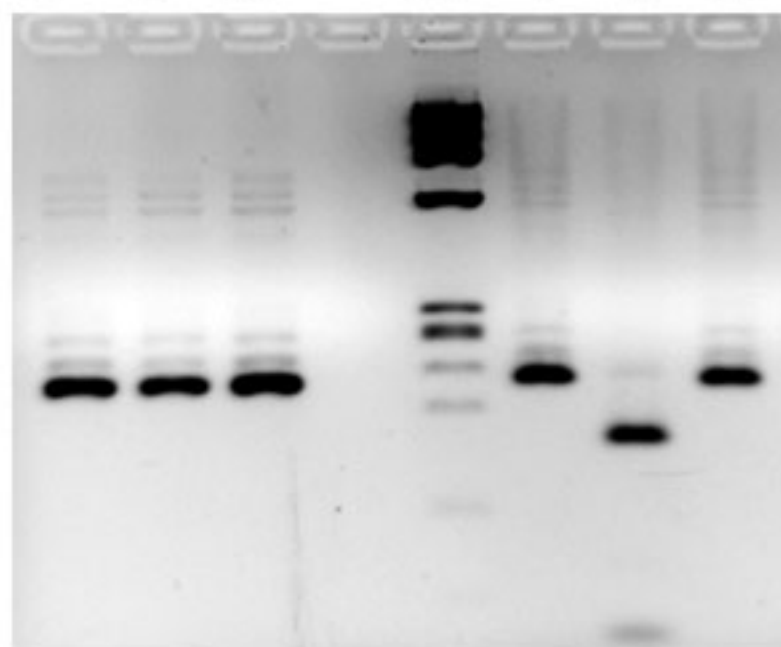


### HhaI

#### Undigested

#### Digested

I II III MK I II III



**Locus:** 3'-SAG2

**Chromosome:** VIII

**External Primers:**

SAG2.F3 5'-TCTGTTCTCCGAAGTGAAGTCC -3'

SAG2.R3 5'-TCAAAGCGTGCATTATCGC -3'

**PCR annealing temperature:** 59°C

**PCR product size:** 327 bp

**Internal Primers:**

SAG2.F2 5'-ATTCTCATGCCTCCGCTTC -3'

SAG2.R 5'-AACGTTTCACGAAGGCACAC -3'

**PCR annealing temperature:** 63°C

**PCR product size:** 222 bp

**Restriction Enzyme:** HhaI

3% agarose gel

Me49 (Type II)

TCAAAGCGTGCATTATCGCGTCTCTATGTGTAGAACGTTTCACGAAGGCACACCCGCCGGAACACTGGTTGTGTCTGGC  
GGAAAAGCGCAGTACTGCAGCAGTGTGTCGGCAAACAAGTTCCTCTGTACATAATCGCAGATCCGGAAATACATTTTC  
TCGCGTTCCTCCCAGGATCTACGCCAAGAACAATCGCAATCCCACCCCTCAACAACGTTTTCTTTGCACGACAATTTTCA  
AGCGGAGGCATGAAAATTGCAGGGTCCGACCGCTCTCACGAAAAAGACAAAAGCCGCACGGCCACCTGGAGTCACTT  
CGGAGAACAGA