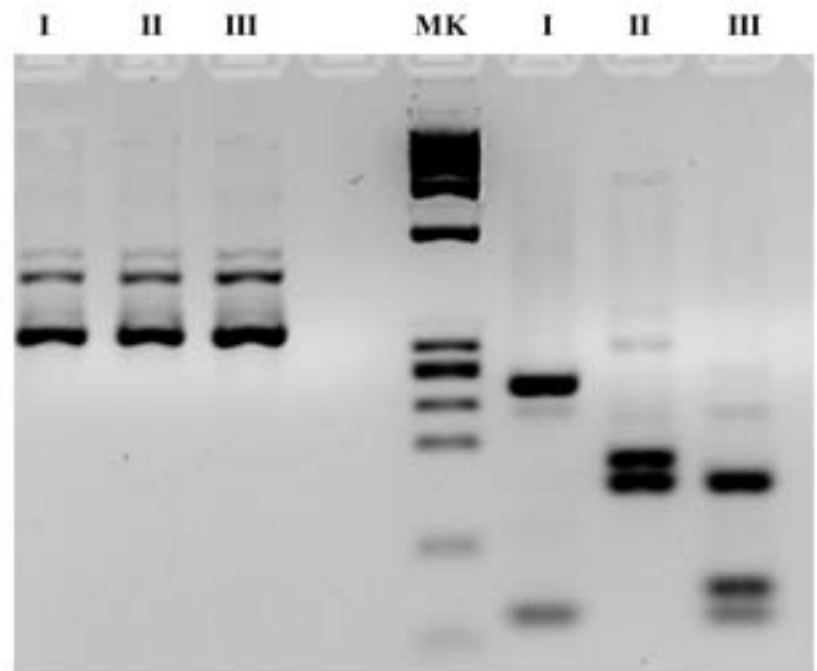


## MseI

### Undigested

### Digested



**Locus:** GRA6

**Chromosome:** X

**External Primers:**

GRA6-F1x 5'-ATTTGTGTTTCCGAGCAGGT -3'

GRA6-R1 5'-GCACCTTCGCTTGTGGTT -3'

**PCR annealing temperature:** 55°C

**PCR product size:** 546 bp

**Internal Primers:**

GRA6-F1 5'-TTTCCGAGCAGGTGACCT -3'

GRA6-R1x 5'-TCGCCGAAGAGTTGACATAG -3'

**PCR annealing temperature:** 55°C

**PCR product size:** 351 bp

**Restriction Enzyme:** MseI

3% agarose gel

Me49 (Type II)

```
GCACCTTCGCTTGTGGTTCTTGAACAGAGGAGTAACGTCGTCTTGTGCCCTGTTCTTCGATTCTTTCCTCGAGCGACGGG
CCACGCGCTCCGACTTCCCCTCATTGCGCCAGCGCGGGAAAAGGGTCAACGTCGCCCTCCGCCGCATCGGAGGTTGTAT
CATCTTCAGCTAACGAGTCGCCTTGGCCACCGCCCATCGCCGAAGAGTTGACATAGTCTTCAGTGGTCCCCACTGCTTCT
TGCTGTCCACCGCTCGAACCGGTTTCCGAAGGGGTCTGCCTAACACCACCGCTGTCTGCTGCGACAGCGACTCCACCCA
ACGAATTGACGAGTACACCCATGAAGACTACAAAGACCACAGCAACTGTGGAGACAGTTAAAGGACAGAAGTTACGCT
TCTGCCTCAGATAGATGCCACCGTGTGCCATTTGCGCCGACACTCCAAGAAAAAAGGTAGTCGCCAACAAGCACGCTA
CGTGGCACCACGAAGCTGTTTTCTGCTGTTTCAAAAAAGCGACCCAGGTCACCTGCTCGGAAACACAAAT
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