http://www.vcru.wisc.edu/simonlab/sdata/MK000033.pdf

MK000033=PSY1

Marker: PSY1
Type: Size polymorphism
Description: phytoene synthase
Reference: ① Brian Just Ph.D. Thesis, Table 2.1 ② Theor Appl Genet (2007) 114:693-704
Primers: PSY-UPQ2.....5'-ggaggaaaatatggtaggccagtttcac-3'
PSYcons.....5'-gcatactcagcacaaacttcgcc-3'
PCR Reaction:
PCR Program: Annealing temperature 56°C
Screening Method: Product size by agarose gel
Product Sizes: 0.66, 0.67kb
Example:
Genbank reference: DQ192186
Sequence Information: >PSY1 (243d) Consensus (cDNA sequence) Primers not in cDNA sequence

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AAGAAATAGTCGATGGAGCATTACCATAATTCTTTTTCACATTTTTAACAACCCAACTCAACTCTCTCTACATATATAACACAAC
CCTCTGTAACCCATTAGTCTCCAACCAGTTTCTTGATAATACAGTTGAAGAATCAAGAATTCAAAAGTGAGTATAAATAAATGGC
TTGTAATTTTGCTGTCAGGGTGATTTATTATCCCAAAGAGATTCATGGGGTTTCTGTGTTGAACACAAATAGGAGTAGAAAGAGT
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TTTGCATCTAATTCCTGTATATAATTCCAACAAATTTATTGGATCTATACAATTAAGAAATTTTTCTAGG
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