

Table S1. List of the primers used in this study for PCR amplification and sequencing.

Locus Name	Primer name	Sequence 5'-3'
candidate genes primers		
<i>PgHd3a</i>	FT F*	GGGACAGGGACCCGTTGG
	FT R*	GCGGGCCGAGGTGATAGAG
<i>PgPHYC</i>	phyc F*	ATCGTCTTCACCAGCTTCTGGCTT
	phyc R*	AACACACCAATCATCTTGTATTGGTC
<i>PgDwarf8</i>	F2d*	CTCGAGATGGCCATGGGGATGGG
	R2a*	GTGCGCTCAGTGCCCTCGCA
STS loci primers		
STS 306	STS 306 F	AACTCCCAAATGAGAGATTGC
	STS 306 R	GAGAATCGCCTGCTGTGGTAG
STS 344	STS 344 F	CGTCCTGTACCTCAGCCTTG
	STS 344 R2*	CGTAATCTTCGATCCAACATCTGAT
STS 359	STS 359 F2*	GAGGTCGCCGACCTTGTATATATTC
	STS 359 R2*	GGCAGCCTAGGTCAATGAAAGG
STS 476	STS 476 F	GACCGAGCCTTCTTTCTG
	STS 476 R	ACAAGTGCTGCTCAAAATTGG
STS 521	STS 521 F	ATTGGACAAGCAAATGAGCC
	STS 521 R	CAGCACCCAGCGTTTACTAC
STS 713	STS 713 F	CTAGTCCAAGCATTGTGAATC
	STS 713 R	TCTGGATGCACCATAACC
STS 870	STS 870 F	TGGAACATCTGAAGTGCCTCA
	STS 870 R	GGAGCTAAGCATAGAAGCAGCA
STS 738	STS 738 F	CATCAGCATGTGAGCATCG
	STS 738 R	TCCACAGTGAGCAACCTCAG
	Sequencing STS 738*	
	STS 738 intA F	TACTGAAAGGAGATCAACACGTTGC
	STS 738 intB R	CCTTACTCTCTGAACTTCTGCATC

* Primers designed for this study.

The same primers were used for PCR amplification and sequencing except internal primers for STS 738