

Supporting Table 1. List of primers used in the study.

<i>PgTb1</i> primers	
Name	Sequence
Cloning of <i>PgTb1</i>	
U1	TGCACTGGATCTATCACTACTCA
L2	AGTTCATCGTACACAGCCAATTAC
Southern blotting and library hybridization; <i>PgTb1</i> mapping	
U1	TGCACTGGATCTATCACTACTCA
L1	GAGTCGATCACGGCTTGTG
RT-PCR analysis of the structure of <i>Tb1</i>	
F1	ATGAGCCCATGCCTCCTC
F2	CATACAGGTCCCATATGCCTAA
R1	GCTGTTGGTAAAGCGGTAAGTC
R2	GGCATGGGCTCATGTTTCATAC
<i>In-situ</i> hybridization probe	
In-situF	CTCCAGCAGCCTCTCCGT
In-situR	ATGTTGGATGATGGGTGGT
Polymorphism in worldwide collection (numbers refer to position in the reference Tift23DB)	
<i>PCR amplification</i>	
53F	AACCTGTCCAGCTCCTCACAAA
1818R	ACTGAACACCGTGGGAGTGT
1703F	GCCTAAAGTTGGGAAGACCAG
4266R	CATGGTAGAGAAATTGACCTTCAG
3380F	GGTGCTCATCAACCCTCAAC
6693R	ACAATTGCCTTGCATTGGTC
<i>Sequencing</i>	
453F	AATGAAAGGATAAGACCAGGAAA
860F	CCCATTTTGGAAACAACACC
908R	TACGTACGCAAATTCTGTTG
1260F	ATAGGTCTGAATGCCACGTTTC
1756R	ATGGTAGGGGACCGATGTG
1765F	ACACTACGACAAAAAGCACTGG
2171F	TGCACTTGATGTCTTGATGC
2523F	CAATCCACCACCAGCTTCTT
2604R	GCTGGTAGCTGAGGTGGAAG
2987F	CTCCAGCAGCCTCTCCGT
3410R	TTGCATCTCCCTCCATTGT
4174F	ATGATTCAATTGTTGATGAAAG
4266R	CATGGTAGAGAAATTGACCTTCAG
4667F	ATCATGCAGTTTCAGTTTCTGT
4970F	GATGTTGGCATATCTTAATTTTGTG
5077R	AAATGCACAAAGCACCTGAA
5447F	TGGATGACCGGATGTGAAC
5788F	ACTTGAGGATGCAAACCTGACAC
5839R	GATGTATAGTGAACCACCCTCTG
6257F	CTTGCTTGGTTAATCCCTTTCA
STS loci primers	
Name	Sequence
STS713F	CTAGTCGAAGCATTGTGAATC
STS713R	TCTGGATGCACCATAACC
STS738F	CATCAGCATGTGAGCATG
STS738R	TCCACAGTGAGCAACCTCAG
STS476F	GACCGAGCCTCCTTTCTCTG
STS476R	CGTTCTAGCATTCCGGATTATGG
<i>EF1-alpha</i> primers	
Name	Sequence
EF1A-F1	TTACAGATGGATGCTACTACACCCAAG
EF1A-R1	ATCTGGTCAAGAGCCTCAAGCA
EF1A-R2	TTGTACCAGTCAAGGTTGGTGGA
EF1A-R3	ATGGGGACAAAGGCAATCTTGTA