

Accessory Publication

Table S1. Primer sequences used in genotyping *SSIIa* (5' to 3')

The SNP2+R5 destabilising base is in bold (Bundock *et al.* 2006)

Primer name	Primer sequence
SSIIAFF1	GGG TGG GTG GGG TTC TCG
SSIIAFR1	CAC CAT TGG TAC TTG GCC TTG AC
SNP3F2	GCG GGC TGA GGG ACA GCA
FNPR3	GCC GCG CAC CTG GAA A
SNP2FF	AGA ACG ACT GGA AGA TGA ACG
SNP2FR	GAT GTC CAC ACC TTT CTG CC
SNP2R5	CTT GCA CCG CGG CTT GCC

Table S2. Correlation matrix of the different measures of gelatinization temperature (GT) for RILs and a diverse population of samples (GCP)

n.s., not significant at $P = 0.05$

Variable ^A		DSC		AAC	ASV ^B	PT
		Low	High			
DSC	Low	1.00				
	High		1.00			
AAC		-0.26	-0.28	1.00		
		(-0.30)	(-0.35)			
ASV ^B		-0.64		-0.29	1.00	
		(-0.02)n.s.	(0.16)n.s.	(-0.22)		
PT		n/a	n/a	n/a	n/a	1.00
		(-0.05)n.s.	(0.31)	(-0.24)	(0.56)	

^AThe IR8 × IR5 RIL set consists of 256 lines. The GCP set consists of 573 accessions for low GT and 1439 accessions for high GT. Separate correlation coefficients were computed for the low and high GT classes (based on DSC values) in pairs which showed clustering in scatter plots.

^BFor variables in the GCP set paired with ASV, Spearman rank-order correlation coefficients were calculated. Pearson's product-moment correlation coefficients were computed for other variable pairs, and for ASV pairs in the RIL set. Values on top correspond to correlation coefficients in the GCP set. Values in parentheses correspond to correlation coefficients in the RIL population.