

Supplemental table 2. Recombinant inbred lines (RILs) derived from the cross between tomato inbreds Fla. 7781 and Fla. 8680, their genotypes for the *Ty-3* region of chromosome 6, and their phenotypes across two growing seasons.

Recombinant	Chromosome 6 Introgressed Segment ^z												Mean RIL Rating ^y	
	C2_At2g39590	MI23	TG436	TG178	T0892	T1563	T0774	cLEG-31-P16	P6-25	T1079	T1098	T0834	Fall 2007	Spring 2008
683	+	+	-	-	-	-	-	-	-	-	-	-		3.4 ^{ab}
343	+	+	+	-	-	-	-	-	-	-	-	-	1.8 ^{f-i}	2.5 ^{c-e}
463	+	+	+	-	-	-	-	-	-	-	-	-		3.3 ^{ab}
11	+	+	+	+	-	-	-	-	-	-	-	-	3.0 ^b	3.7 ^{ab}
359	+	+	+	+	-	-	-	-	-	-	-	-	3.2 ^{ab}	3.9 ^{ab}
503	+	+	+	+	-	-	-	-	-	-	-	-	1.2 ^{k-n}	3.0 ^{bc}
506	+	+	+	+	+	+	-	-	-	-	-	-	2.4 ^{cd}	3.0 ^{bc}
724	+	+	+	+	+	+	-	-	-	-	-	-	2.3 ^{de}	2.7 ^{c-e}
186	+	+	+	+	+	+	+	-	-	-	-	-	3.0 ^b	3.7 ^{ab}
403	+	+	+	+	+	+	+	-	-	-	-	-	2.0 ^{d-g}	2.1 ^{e-h}
554	+	+	+	+	+	+	+	+	+	-	-	-	2.1 ^{d-f}	0.9 ^{o-r}
78	+	+	+	+	+	+	+	+	+	+	-	-	1.3 ^{j-m}	1.0 ^{m-r}
705	+	+	+	+	+	+	+	+	+	+	-	-	1.1 ^{k-n}	2.1 ^{e-h}
432	+	+	+	+	+	+	+	+	+	+	+	-	0.8 ^{n-p}	1.6 ^{h-n}
362	-	+	+	+	+	+	+	+	+	+	+	+	0.6 ^{o-q}	1.6 ^{h-m}
116	-	+	+	+	+	+	+	+	+	+	+	+	0.6 ^{o-r}	0.9 ^{o-r}
718	-	-	-	-	+	+	+	+	+	+	+	+	1.3 ^{i-l}	1.9 ^{f-j}
688	-	-	-	-	+	+	+	+	+	+	+	+	1.1 ^{l-m}	0.9 ^{o-r}
552	-	-	-	-	+	+	+	+	+	+	+	+	1.2 ^{k-n}	2.0 ^{f-i}
71	-	-	-	-	+	+	+	+	+	+	+	+		1.5 ^{h-o}
719	-	-	-	-	-	+	+	+	+	+	+	+	1.0 ^{l-o}	1.1 ^{l-r}
157	-	-	-	-	-	-	+	+	+	+	+	+	1.8 ^{f-i}	2.4 ^{d-g}
553	-	-	-	-	-	-	-	+	+	+	+	+	0.9 ^{m-o}	1.5 ^{h-o}
367	-	-	-	-	-	-	-	+	+	+	+	+	0.9 ^{m-o}	2.0 ^{f-h}
18	-	-	-	-	-	-	-	+	+	+	+	+	1.0 ^{l-o}	1.6 ^{h-m}
6 ^x	-	-	-	-	-	-	-	-	+	+	+	+		
616	-	-	-	-	-	-	-	-	-	+	+	+	3.1 ^b	3.7 ^a
517	-	-	-	-	-	-	-	-	-	+	+	+	2.8 ^{bc}	
390	-	-	-	-	-	-	-	-	-	-	-	+	3.5 ^a	2.9 ^{b-d}
405	-	-	-	-	-	-	-	-	-	-	-	+	1.9 ^{e-h}	2.7 ^{c-e}
Horizon	-	-	-	-	-	-	-	-	-	-	-	-	2.8 ^{bc}	2.9 ^{b-d}
Fla. 8602	+	+	+	+	+	+	+	+	+	+	+	+	1.7 ^{g-j}	
Tygress	-	/	/	/	/	/	/	/	/	-	-	-		1.9 ^{g-k}
HA3074	-	/	/	/	/	/	/	/	/	-	-	-	0.4 ^{p-s}	
Security 28	-	/	/	/	/	/	/	/	/	-	-	-		1.5 ^{h-o}

^z + = homozygous *Solanum chilense*, / = heterozygous, - = homozygous *S. lycopersicum*

^y Different superscript letters represent statistically significant differences at $P < 0.05$ based on Duncan's multiple range test.

^x RIL was not tested in Fall 2007 or Spring 2008; evaluation in Fall 2008 indicated susceptibility (data not shown).