

Table S3 Genotypes and means separation of sub-NILs for chr11

Means separation is given for all 09FD_120, GC_120, and 10FD_83 traits. Line Name indicates the name of each control or sub-NIL. The four digit designation for each sub-NIL is preceded by "08GH". The "2010" column indicates which lines were included in the 2010 field experiment. In the Genotype section, "A" indicates homozygosity for the *S. lycopersicum* allele and "B" indicates homozygosity for the *S. habrochaites* allele. Trait names are given according to dataset, location or isolate, and trait evaluated. The lowest mean AUDPC for each trait is in bold and underlined.

Line Name	Genotype ID	2010	Genotype																	Means Separation										
			TG194	T0408	SSR67	J1	At22570	TG523	At16710	U340899	CT182	At22260	At02870	At44446	At21690	At44790	CLEX4G10	CLEB7L1	TG147	At14260	At10050	At04590	TG400	09FD_120 Loc1&2 LEAF	10FD-early_83 Loc1&2 LEAF	10FD-late_83 Loc1 LEAF	10FD-late_83 Loc2 LEAF			
Hyp45-A	121	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.54 ^a	5.37 ^a	6.70 ^{a-d}	6.71 ^{ab}
Hyp45-B	122		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.89 ^a	--	--	--
E6203-A	123	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.55 ^a	5.31 ^{ab}	6.40 ^{a-g}	6.89 ^a
E6203-B	124	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.67 ^a	5.10 ^{a-d}	6.50 ^{a-f}	6.54 ^{a-c}
E6203-C	129	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	--	5.04 ^{a-d}	6.40 ^{a-g}	6.48 ^{a-c}
E6203-D	130	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	--	5.07 ^{a-d}	6.00 ^{b-g}	6.71 ^{ab}
LB11-NIL-A	126	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	4.95 ^{ab}	4.35 ^{f-h}	5.90 ^{c-g}	6.05 ^{a-c}
LB11-NIL-B	128	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	--	4.15^h	5.60 ^{fg}	5.52^c
3951	9	x	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.45 ^{ab}	4.62 ^{c-h}	6.40 ^{a-g}	5.95 ^{a-c}
5103	42		B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.56 ^a	--	--	--
4228	16	x	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	4.76 ^{ab}	4.89 ^{a-f}	6.50 ^{a-f}	6.25 ^{a-c}
3999	11	x	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	4.97 ^{ab}	4.21 ^{gh}	6.00 ^{b-g}	6.18 ^{a-c}
4945	35		B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.61 ^a	--	--	--
3892	8	x	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.59 ^a	5.17 ^{a-c}	6.80 ^{a-c}	6.54 ^{a-c}

Table S3, cont.

Line Name	Genotype ID	2010	Genotype																	Means Separation								
			TG194	T0408	SSR67	J1	At22570	TG523	At16710	U340899	CT182	At22260	At02870	At44446	At21690	At44790	cLEX4G10	cLEB7L1	TG147	At14260	At10050	At04590	TG400	09FD_120 Loc1&2 LEAF	10FD-early_83 Loc1&2 LEAF	10FD-late_83 Loc1 LEAF	10FD-late_83 Loc2 LEAF	
3969	10	x	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.77 ^a	5.05 ^{a-d}	6.70 ^{a-d}	6.71 ^{ab}
4257	17		B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.52 ^a	--	--	--
4940	34		B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.62 ^a	--	--	--
7717	110	x	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.69 ^a	4.90 ^{a-f}	6.40 ^{a-g}	6.95 ^a
7731	111		B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.60 ^a	--	--	--
4265	18	x	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.24 ^{ab}	4.75 ^{a-h}	6.40 ^{a-g}	6.66 ^{a-c}
4290	19		B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.19 ^{ab}	--	--	--
5224	45		B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.77 ^a	--	--	--
7852	116	x	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	A	5.26 ^{ab}	4.62 ^{c-h}	6.10 ^{a-g}	6.66 ^{a-c}
3827	6	x	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	5.26 ^{ab}	5.10 ^{a-d}	6.80 ^{a-c}	6.59 ^{a-c}
4659	24		B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	A	5.39 ^{ab}	--	--	--
4305	20	x	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	4.98 ^{ab}	4.70 ^{b-h}	6.40 ^{a-g}	6.36 ^{a-c}
7743	112		B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	A	A	5.46 ^{ab}	--	--	--
7766	113	x	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	5.45 ^{ab}	4.97 ^{a-f}	6.40 ^{a-g}	6.89 ^a
7868	117	x	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	A	5.38 ^{ab}	4.77 ^{a-h}	6.70 ^{a-d}	5.88 ^{a-c}
4718	25	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	5.53 ^a	4.84 ^{a-g}	6.50 ^{a-f}	6.13 ^{a-c}
4759	26	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	5.67 ^a	4.90 ^{a-f}	6.70 ^{a-d}	6.23 ^{a-c}
5339	48	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	A	A	5.65 ^a	4.90 ^{a-f}	6.40 ^{a-g}	6.48 ^{a-c}
4969	37	x	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	5.22 ^{ab}	4.66 ^{c-h}	6.40 ^{a-g}	5.93 ^{a-c}
7799	114		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A	4.74 ^{ab}	--	--	--

Table S3, cont.

Line Name	Genotype ID	2010	Genotype																	Means Separation										
			TG194	T0408	SSR67	J1	At22570	TG523	At16710	U340899	CT182	At22260	At02870	At44446	At21690	At44790	cLEX4G10	cLEB7L1	TG147	At14260	At10050	At04590	TG400	09FD_120 Loc1&2 LEAF	10FD-early_83 Loc1&2 LEAF	10FD-late_83 Loc1 LEAF	10FD-late_83 Loc2 LEAF			
4106	14	x	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	4.93 ^{ab}	4.16 ^h	5.90 ^{c-g}	6.00 ^{a-c}
4925	33	x	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	5.19 ^{ab}	4.93 ^{a-f}	6.90 ^{ab}	6.59 ^{a-c}
4498	22	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	4.92 ^{ab}	5.04 ^{a-d}	6.60 ^{a-e}	6.30 ^{a-c}
3723	2	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	4.88 ^{ab}	4.34 ^{f-h}	6.20 ^{a-g}	6.13 ^{a-c}
4794	27	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	5.03 ^{ab}	4.76 ^{a-h}	6.10 ^{a-g}	6.71 ^{ab}
4802	28	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	4.93 ^{ab}	5.03 ^{a-d}	6.70 ^{a-d}	5.95 ^{a-c}
5245	46	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	5.20 ^{ab}	4.76 ^{a-h}	6.30 ^{a-g}	6.18 ^{a-c}
3740	3	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	4.65 ^{ab}	4.51 ^{d-h}	6.50 ^{a-f}	6.30 ^{a-c}
5285	47	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	4.93 ^{ab}	4.73 ^{b-h}	6.40 ^{a-g}	6.43 ^{a-c}
3765	4	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	4.97 ^{ab}	4.48 ^{d-h}	6.30 ^{a-g}	6.05 ^{a-c}
4897	31	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	5.04 ^{ab}	4.47 ^{d-h}	5.50^g	5.82 ^{a-c}
5362	49	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	4.82 ^{ab}	4.82 ^{a-g}	6.50 ^{a-f}	6.07 ^{a-c}
4877	30	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	5.18 ^{ab}	4.82 ^{a-g}	7.00 ^a	6.54 ^{a-c}
8009	119	x	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	4.80 ^{ab}	4.69 ^{b-h}	6.60 ^{a-e}	6.36 ^{a-c}
3814	5		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	5.98 ^a	--	--	--
Means Separation																										*	*	*	*	

Table S3, cont.

Line Name	Genotype ID	2010	Means Separation												
			GC_120 p7629 LEAF	GC_120 p10353 LEAF	GC_120 Sal10 LEAF	09FD_120 Loc1&2 STEM	10FD-early_83 Loc1 STEM	10FD-early_83 Loc2 STEM	10FD-late_83 Loc1 STEM	10FD-late_83 Loc2 STEM	GC_120 p7629 STEM	GC_120 p10353 STEM	GC_1_120 Sal10 STEM	GC-2_120 Sal10 STEM	GC-3_120 Sal10 STEM
Hyp45-A	121	x	3.75 ^a	4.45 ^a	4.08	3.38 ^{ab}	3.78 ^{b-e}	3.02 ^{a-d}	4.90 ^a	4.79 ^{ab}	2.26 ^a	2.45	2.03	2.45	1.77 ^{ab}
Hyp45-B	122		--	--	--	3.37 ^{a-c}	--	--	--	--	--	--	--	--	--
E6203-A	123	x	--	--	--	2.61 ^{bc}	3.68 ^{c-e}	2.70 ^{b-d}	4.69 ^{ab}	4.53 ^{a-d}	--	--	--	--	--
E6203-B	124	x	3.41 ^{ab}	4.25 ^{a-c}	3.87	2.64 ^{bc}	3.78 ^{b-e}	2.70 ^{b-d}	4.56 ^{ab}	4.18 ^{a-d}	1.80 ^{ab}	2.19	1.76	2.22	1.70 ^{ab}
E6203-C	129	x	--	--	--	--	3.64 ^{c-e}	2.75 ^{b-d}	4.71 ^{ab}	4.62 ^{a-d}	--	--	--	--	--
E6203-D	130	x	--	--	--	--	3.56 ^{c-e}	2.38 ^{de}	4.47 ^{ab}	4.33 ^{a-d}	--	--	--	--	--
LB11-NIL-A	126	x	3.15 ^b	3.55 ^{bc}	3.47	2.75 ^{a-c}	3.64 ^{c-e}	2.66 ^{b-d}	4.21 ^{ab}	3.88 ^{b-d}	1.34 ^b	1.77	1.49	2.25	1.66 ^b
LB11-NIL-B	128	x	--	--	--	--	3.62 ^{c-e}	2.50 ^{cd}	4.07^b	3.79 ^{cd}	--	--	--	--	--
3951	9	x	3.83 ^{ab}	4.80 ^{a-c}	4.29	2.95 ^{a-c}	3.59 ^{c-e}	2.85 ^{a-d}	4.26 ^{ab}	3.83 ^{cd}	1.93 ^{ab}	2.42	2.39	3.05	1.68 ^{ab}
5103	42		3.25 ^{ab}	3.43 ^{a-c}	4.62	2.33^c	--	--	--	--	1.53 ^{ab}	1.47	2.42	2.84	1.93 ^{ab}
4228	16	x	3.00 ^{ab}	3.75 ^{a-c}	4.10	2.84 ^{a-c}	3.41 ^{c-e}	1.27^e	4.36 ^{ab}	3.96 ^{b-d}	1.90 ^{ab}	1.79	1.44	3.81	0.86 ^b
3999	11	x	3.29 ^{ab}	4.48 ^{a-c}	4.33	2.90 ^{a-c}	3.26^e	2.28 ^{de}	4.28 ^{ab}	3.91 ^{b-d}	1.69 ^{ab}	2.34	1.53	2.01	1.95 ^{ab}
4945	35		3.64 ^{ab}	4.12 ^{a-c}	4.16	2.92 ^{a-c}	--	--	--	--	1.31 ^{ab}	2.10	2.19	2.25	1.41 ^{ab}
3892	8	x	3.21 ^{ab}	4.43 ^{a-c}	4.55	2.69 ^{bc}	3.53 ^{c-e}	2.10 ^{de}	4.56 ^{ab}	4.11 ^{a-d}	1.70 ^{ab}	2.41	2.34	2.74	1.78 ^{ab}

Table S3, cont.

Line Name	Genotype ID	2010	Means Separation												
			GC_120 p7629 LEAF	GC_120 p10353 LEAF	GC_120 Sal10 LEAF	09FD_120 Loc1&2 STEM	10FD-early_83 Loc1 STEM	10FD-early_83 Loc2 STEM	10FD-late_83 Loc1 STEM	10FD-late_83 Loc2 STEM	GC_120 p7629 STEM	GC_120 p10353 STEM	GC-1_120 Sal10 STEM	GC-2_120 Sal10 STEM	GC-3_120 Sal10 STEM
3969	10	x	3.59 ^{ab}	3.88 ^{a-c}	3.44	3.55 ^{ab}	3.70 ^{c-e}	2.48 ^{cd}	4.69 ^{ab}	4.46 ^{a-d}	2.14 ^{ab}	1.77	1.02	2.09	2.32 ^{ab}
4257	17		3.62 ^{ab}	4.43 ^{a-c}	4.77	3.22 ^{a-c}	--	--	--	--	2.01 ^{ab}	2.42	2.83	3.25	2.19 ^{ab}
4940	34		3.53 ^{ab}	4.06 ^{a-c}	4.15	2.59 ^{bc}	--	--	--	--	1.55 ^{ab}	2.39	1.81	2.49	2.32 ^{ab}
7717	110	x	3.66 ^{ab}	3.90 ^{a-c}	3.38	3.26 ^{a-c}	3.62 ^{c-e}	2.77 ^{b-d}	4.71 ^{ab}	4.70 ^{a-c}	2.30 ^{ac}	2.18	1.61	1.89	2.28 ^{ab}
7731	111		3.66 ^{ab}	4.35 ^{a-c}	3.90	3.31 ^{a-c}	--	--	--	--	1.96 ^{ab}	2.88	1.44	2.29	1.85 ^{ab}
4265	18	x	3.26 ^{ab}	4.05 ^{a-c}	3.88	3.21 ^{a-c}	3.59 ^{c-e}	2.80 ^{b-d}	4.68 ^{ab}	4.79 ^{ab}	1.67 ^{ab}	2.09	1.82	2.59	1.14 ^{ab}
4290	19		3.21 ^{ab}	4.00 ^{a-c}	4.53	2.53 ^{bc}	--	--	--	--	1.62 ^{ab}	2.02	1.51	3.33	2.25 ^{ab}
5224	45		3.30 ^{ab}	4.24 ^{a-c}	3.75	2.60 ^{bc}	--	--	--	--	1.70 ^{ab}	2.10	1.93	3.29	1.34 ^{ab}
7852	116	x	2.94 ^{ab}	3.55 ^{a-c}	3.22	3.40 ^{ab}	3.94 ^{a-c}	2.70 ^{b-d}	4.40 ^{ab}	3.78 ^{cd}	1.43 ^{ab}	1.91	0.90	1.49	1.01 ^b
3827	6	x	3.90 ^{ab}	4.17 ^{a-c}	4.57	3.02 ^{a-c}	3.69 ^{c-e}	3.02 ^{a-d}	4.85 ^a	4.79 ^{ab}	2.07 ^{ab}	2.29	2.13	3.39	2.25 ^{ab}
4659	24		3.20 ^{ab}	3.00^c	3.49	2.91 ^{a-c}	--	--	--	--	1.83 ^{ab}	1.20	2.41	2.86	0.79 ^b
4305	20	x	3.48 ^{ab}	4.16 ^{a-c}	4.58	2.56 ^{bc}	3.78 ^{b-e}	2.85 ^{a-d}	4.52 ^{ab}	4.13 ^{a-d}	2.00 ^{ab}	2.11	2.48	3.78	2.52 ^{ab}
7743	112		3.61 ^{ab}	4.04 ^{a-c}	4.98	2.98 ^{a-c}	--	--	--	--	1.97 ^{ab}	2.22	1.75	2.44	2.32 ^{ab}
7766	113	x	3.88 ^{ab}	4.04 ^{a-c}	3.73	2.88 ^{a-c}	3.59 ^{c-e}	2.30 ^{de}	4.74 ^{ab}	4.62 ^{a-d}	2.18 ^{ab}	2.12	2.29	2.17	0.55^b
7868	117	x	3.27 ^{ab}	4.03 ^{a-c}	3.02	2.64 ^{bc}	3.52 ^{c-e}	2.63 ^{cd}	4.41 ^{ab}	3.86 ^{b-d}	1.87 ^{ab}	2.63	0.87	1.58	1.95 ^{ab}
4718	25	x	3.26 ^{ab}	3.79 ^{a-c}	4.48	2.76 ^{a-c}	3.71 ^{c-e}	2.60 ^{cd}	4.66 ^{ab}	4.20 ^{a-d}	1.33 ^{ab}	1.88	1.54	2.94	1.26 ^{ab}
4759	26	x	3.48 ^{ab}	3.35 ^{a-c}	2.97	3.41 ^{ab}	3.59 ^{c-e}	2.92 ^{a-d}	4.54 ^{ab}	4.27 ^{a-d}	2.14 ^{ab}	2.03	1.44	1.37	1.04 ^{ab}
5339	48	x	3.17 ^{ab}	4.30 ^{a-c}	3.53	2.92 ^{a-c}	3.68 ^{c-e}	2.55 ^{cd}	4.60 ^{ab}	4.34 ^{a-d}	1.48 ^{ab}	2.16	1.32	3.48	1.28 ^{ab}
4969	37	x	3.02 ^{ab}	3.30 ^{a-c}	3.62	3.04 ^{a-c}	3.36 ^{de}	2.98 ^{a-d}	4.58 ^{ab}	4.29 ^{a-d}	1.51 ^{ab}	1.65	1.15	2.36	0.63 ^b
7799	114		3.31 ^{ab}	3.83 ^{a-c}	3.58	3.16 ^{a-c}	--	--	--	--	1.60 ^{ab}	2.09	2.34	2.12	0.88 ^b

Table S3, cont.

Line Name	Genotype ID	2010	Means Separation												
			GC_120 p7629 LEAF	GC_120 p10353 LEAF	GC_120 Sal10 LEAF	09FD_120 Loc1&2 STEM	10FD-early_83 Loc1 STEM	10FD-early_83 Loc2 STEM	10FD-late_83 Loc1 STEM	10FD-late_83 Loc2 STEM	GC_120 p7629 STEM	GC_120 p10353 STEM	GC-1_120 Sal10 STEM	GC-2_120 Sal10 STEM	GC-3_120 Sal10 STEM
3845	7	x	3.23 ^{ab}	3.94 ^{a-c}	3.48	3.31 ^{a-c}	3.74 ^{c-c}	2.95 ^{b-d}	4.71 ^{ab}	4.55 ^{b-d}	1.50 ^{ab}	2.10	1.81	1.92	2.14 ^{ab}
4961	36		3.18 ^{ab}	4.14 ^{a-c}	4.17	2.96 ^{a-c}	--	--	--	--	1.68 ^{ab}	2.32	3.36	1.72	1.78 ^{ab}
7952	118		3.14 ^{ab}	4.00 ^{a-c}	3.41	3.25 ^{a-c}	--	--	--	--	1.97 ^{ab}	1.94	2.70	0.91	2.28 ^{ab}
5385	50	x	2.96 ^{ab}	4.15 ^{a-c}	4.06	3.16 ^{a-c}	3.64 ^{c-e}	2.65 ^{b-d}	4.38 ^{ab}	3.94 ^{b-d}	1.36 ^{ab}	2.58	1.85	3.70	1.05 ^{ab}
5422	51		3.46 ^{ab}	4.21 ^{a-c}	4.37	2.80 ^{a-c}	--	--	--	--	2.04 ^{ab}	2.14	2.55	3.45	2.42 ^{ab}
4993	38	x	3.19 ^{ab}	3.93 ^{a-c}	3.61	3.47 ^{ab}	3.82 ^{b-e}	3.82 ^{ab}	4.74 ^{ab}	4.71 ^{a-c}	2.01 ^{ab}	2.84	2.43	3.33	2.06 ^{ab}
5010	39	x	3.64 ^{ab}	3.67 ^{a-c}	3.67	2.87 ^{a-c}	3.64 ^{c-e}	2.80 ^{b-d}	4.52 ^{ab}	4.17 ^{a-d}	1.30 ^{ab}	1.20	1.90	1.36	1.60 ^{ab}
5015	40		3.59 ^{ab}	4.94 ^{ab}	4.09	2.82 ^{a-c}	--	--	--	--	1.42 ^{ab}	2.60	1.78	1.90	2.28 ^{ab}
5055	41	x	3.31 ^{ab}	4.03 ^{a-c}	3.74	3.21 ^{a-c}	3.78 ^{b-e}	2.83 ^{b-d}	4.46 ^{ab}	3.96 ^{b-d}	1.64 ^{ab}	2.43	1.03	2.96	2.17 ^{ab}
4056	13	x	3.52 ^{ab}	4.43 ^{a-c}	3.88	3.74 ^a	4.42 ^a	4.02 ^a	4.98 ^a	4.95 ^a	1.97 ^{ab}	2.40	1.89	2.75	2.85 ^{ab}
4558	23		3.37 ^{ab}	4.33 ^{a-c}	3.91	3.38 ^{ab}	--	--	--	--	1.88 ^{ab}	2.32	3.82	2.36	1.08 ^{ab}
4018	12	x	3.50 ^{ab}	4.65 ^{a-c}	4.14	2.83 ^{a-c}	3.80 ^{b-e}	2.95 ^{a-d}	4.41 ^{ab}	4.25 ^{a-d}	1.79 ^{ab}	2.26	0.94	4.19	2.29 ^{ab}
4861	29		3.12 ^{ab}	3.46 ^{a-c}	4.24	2.98 ^{a-c}	--	--	--	--	1.80 ^{ab}	1.64	1.48	1.89	2.48 ^{ab}
5162	43	x	3.67 ^{ab}	4.09 ^{a-c}	3.49	3.41 ^{ab}	4.32 ^{ab}	3.65 ^{a-c}	4.71 ^{ab}	4.52 ^{a-d}	1.94 ^{ab}	2.51	2.53	1.47	2.45 ^{ab}
7826	115		3.25 ^{ab}	4.05 ^{a-c}	3.67	3.52 ^{ab}	--	--	--	--	1.28 ^{ab}	2.19	0.83	1.87	2.95 ^{ab}
4182	15	x	3.61 ^{ab}	4.06 ^{a-c}	4.13	2.93 ^{a-c}	3.78 ^{b-e}	2.83 ^{b-d}	4.40 ^{ab}	4.15 ^{a-d}	2.28 ^{ab}	2.31	2.18	3.13	1.65 ^{ab}
5186	44		3.59 ^{ab}	4.51 ^{a-c}	4.19	3.22 ^{a-c}	--	--	--	--	2.07 ^{ab}	2.80	1.64	3.61	1.79 ^{ab}
8032	120	x	3.11 ^{ab}	3.77 ^{a-c}	3.05	3.00 ^{a-c}	3.60 ^{c-e}	2.05 ^{de}	4.29 ^{ab}	3.88 ^{b-d}	1.54 ^{ab}	1.85	2.69	1.87	2.33 ^{ab}
4442	21	x	3.71 ^{ab}	4.51 ^{a-c}	3.8	3.18 ^{a-c}	3.76 ^{b-e}	3.07 ^{a-d}	4.60 ^{ab}	4.43 ^{a-d}	2.21 ^{ab}	2.22	1.14	3.05	3.20 ^{ab}
4922	32		3.67 ^{ab}	4.59 ^{a-c}	3.63	2.71 ^{bc}	--	--	--	--	2.04 ^{ab}	2.25	1.94	2.62	2.22 ^{ab}
3688	1	x	3.14 ^{ab}	4.15 ^{a-c}	4.46	2.75 ^{a-c}	3.38 ^{c-e}	2.73 ^{b-d}	4.33 ^{ab}	4.02 ^{a-d}	1.25^{bc}	2.60	2.88	2.32	3.08 ^{ab}

Table S3, cont.

Line Name	Genotype ID	2010	Means Separation												
			GC_120 p7629 LEAF	GC_120 p10353 LEAF	GC_120 Sal10 LEAF	09FD_120 Loc1&2 STEM	10FD-early_83 Loc1 STEM	10FD-early_83 Loc2 STEM	10FD-late_83 Loc1 STEM	10FD-late_83 Loc2 STEM	GC_120 p7629 STEM	GC_120 p10353 STEM	GC-1_120 Sal10 STEM	GC-2_120 Sal10 STEM	GC-3_120 Sal10 STEM
4106	14	x	2.72 ^b	3.18 ^{a-c}	3.00	2.73 ^{a-c}	3.62 ^{c-e}	2.55 ^{cd}	4.35 ^{ab}	3.93 ^{b-d}	1.29 ^{bc}	1.33	1.88	2.54	1.44 ^{ab}
4925	33	x	3.44 ^{ab}	4.34 ^{a-c}	4.06	2.72 ^{a-c}	3.64 ^{c-e}	2.95 ^{a-d}	4.71 ^{ab}	4.46 ^{a-d}	1.84 ^{ab}	2.45	1.92	3.83	1.66 ^{ab}
4498	22	x	2.99 ^{ab}	3.16 ^{a-c}	3.38	3.16 ^{a-c}	3.72 ^{c-e}	2.17 ^{de}	4.58 ^{ab}	4.02 ^{a-d}	1.46 ^{ab}	1.72	0.62	2.50	1.62 ^{ab}
3723	2	x	3.44 ^{ab}	4.53 ^{a-c}	3.85	2.87 ^{a-c}	3.58 ^{c-e}	2.32 ^{de}	4.21 ^{ab}	3.73 ^d	1.78 ^{ab}	2.70	0.54	3.11	2.20 ^{ab}
4794	27	x	3.18 ^{ab}	4.13 ^{a-c}	4.49	2.84 ^{a-c}	3.39 ^{c-e}	2.42 ^{de}	4.52 ^{ab}	4.37 ^{a-d}	1.43 ^{ab}	2.67	1.69	3.36	2.73 ^{ab}
4802	28	x	3.66 ^{ab}	3.95 ^{a-c}	4.52	3.37 ^{ab}	3.90 ^{a-d}	2.95 ^{a-d}	4.63 ^{ab}	4.36 ^{a-d}	2.34 ^{ab}	2.59	1.92	3.12	3.71 ^a
5245	46	x	3.54 ^{ab}	4.47 ^{a-c}	3.83	2.95 ^{a-c}	3.48 ^{c-e}	2.37 ^{de}	4.27 ^{ab}	3.89 ^{b-d}	2.17 ^{ab}	2.07	2.57	2.06	1.97 ^{ab}
3740	3	x	3.58 ^{ab}	4.00 ^{a-c}	3.77	3.00 ^{a-c}	3.44 ^{c-e}	2.08 ^{de}	4.43 ^{ab}	3.70^d	2.05 ^{ab}	2.11	1.94	2.59	2.85 ^{ab}
5285	47	x	3.39 ^{ab}	3.99 ^{a-c}	4.23	3.27 ^{a-c}	3.84 ^{b-d}	3.15 ^{a-d}	4.60 ^{ab}	4.32 ^{a-d}	2.31 ^{ab}	2.43	1.73	2.89	3.12 ^{ab}
3765	4	x	3.42 ^{ab}	4.08 ^{a-c}	4.16	3.09 ^{a-c}	3.76 ^{b-e}	3.09 ^{a-d}	4.52 ^{ab}	4.12 ^{a-d}	2.05 ^{ab}	2.20	3.35	3.11	0.72 ^b
4897	31	x	3.42 ^{ab}	3.80 ^{a-c}	4.15	3.17 ^{a-c}	3.74 ^{c-e}	3.23 ^{a-d}	4.32 ^{ab}	3.98 ^{b-d}	1.98 ^{ab}	2.12	1.45	2.18	2.35 ^{ab}
5362	49	x	3.70 ^{ab}	4.02 ^{a-c}	3.86	3.27 ^{a-c}	3.66 ^{c-e}	2.93 ^{a-d}	4.43 ^{ab}	3.88 ^{b-d}	2.31 ^{ab}	2.12	2.42	3.60	1.03 ^b
4877	30	x	3.82 ^{ab}	4.12 ^{a-c}	3.74	2.93 ^{a-c}	3.79 ^{b-e}	2.53 ^{cd}	4.78 ^{ab}	4.53 ^{a-d}	2.05 ^{ab}	2.46	2.58	2.55	1.20 ^{ab}
8009	119	x	3.28 ^{ab}	4.55 ^{a-c}	3.72	3.25 ^{a-c}	3.64 ^{c-e}	2.78 ^{b-d}	4.49 ^{ab}	4.27 ^{a-d}	1.55 ^{ab}	2.94	1.47	3.62	2.14 ^{ab}
3814	5		3.53 ^{ab}	3.79 ^{a-c}	4.31	2.97 ^{a-c}	--	--	--	--	1.76 ^{ab}	1.54	1.93	3.18	1.81 ^{ab}
Means Separation			*	*	ns	*	*	*	*	*	*	ns	ns	ns	*

^a In Proc MIXED in SAS, means separation are calculated using both the difference between means and the number of replications for each entry. Therefore, letter rankings are not always contiguous.

A double dash (--) indicates that the line was not included in the experiment.

An asterisk (*) indicates significance at $P \leq 0.05$ and "ns" indicates not significant.