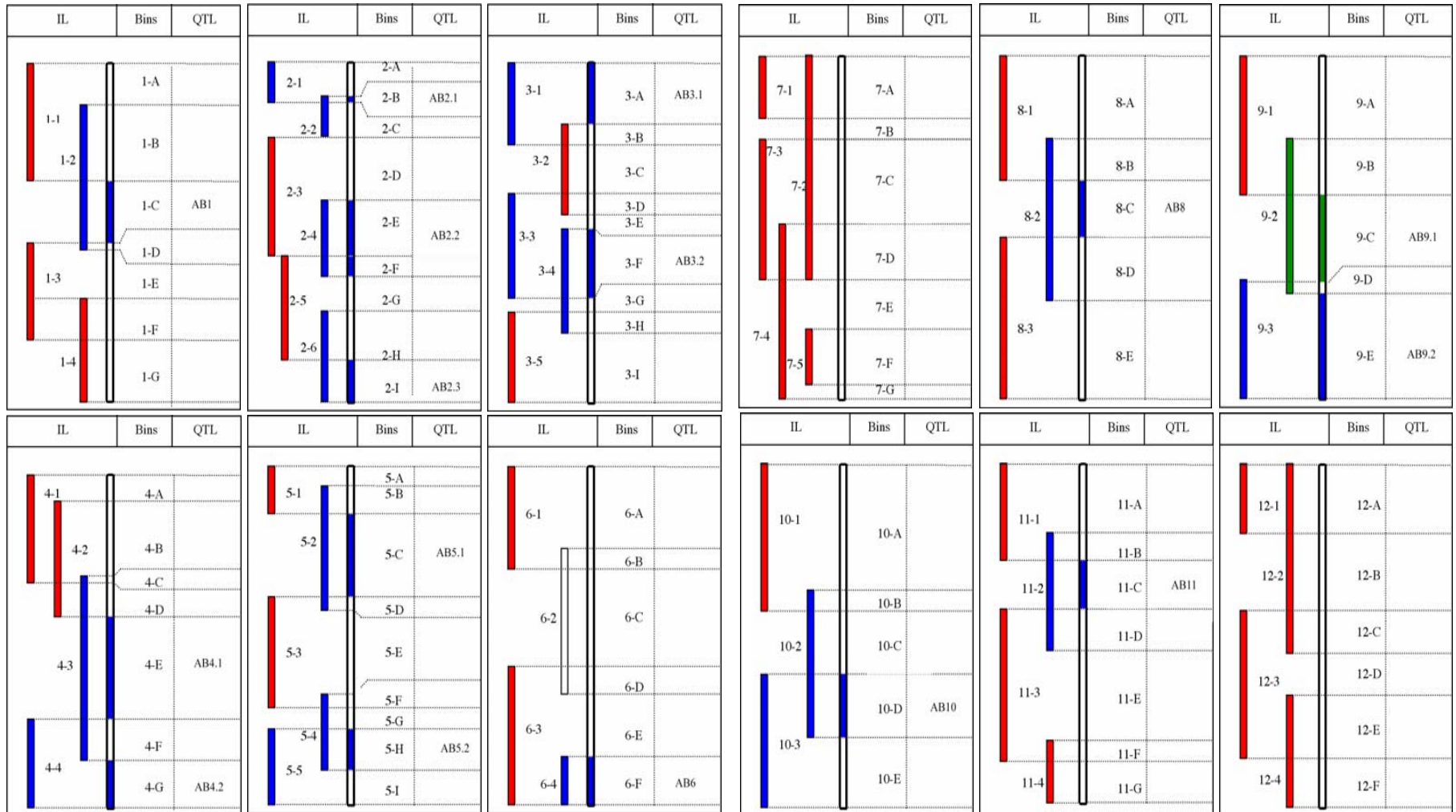


QTL (Quantitative Trait Loci Data)

Parameter	IL	Median	p-value	Parameter	IL	Median	p-value
Abaxial Cell Area	M82	5750	1.000	Abaxial UI	M82	2.415	1.000
	1-2	7735	0.011		1-2	2.914	0.006
	2-1	7035	0.011		1-4	2.684	0.011
	2-2	6883	0.032		2-1	2.599	0.008
	2-4	7689	0.006		3-1	2.681	0.006
	2-6	6472	0.011		3-5	2.682	0.059
	3-1	7744	0.008		5-3	2.560	0.033
	3-3	6675	0.014		5-4	2.661	0.006
	3-4	6438	0.025		8-1	2.770	0.022
	4-3	8615	0.006		11-2	2.684	0.033
	4-4	6495	0.019		12-4	2.603	0.041
	5-2	6399	0.041		<i>L. pennellii</i>	2.609	0.019
	5-4	6935	0.006	Adaxial UI	M82	1.486	1.000
	5-5	7889	0.006		1-2	1.670	0.009
	6-4	7482	0.014		2-4	1.629	0.032
	8-2	6669	0.025		2-5	1.630	0.014
	9-2	4350	0.032		3-3	1.587	0.014
	9-3	6846	0.009		5-4	1.549	0.025
	10-2	7609	0.014		6-1	1.540	0.019
	10-3	6725	0.006		6-3	1.708	0.009
11-2	7986	0.009	7-1		1.619	0.011	
<i>L. pennellii</i>	6977	0.032	7-3		1.567	0.032	
Adaxial Cell area	M82	4677	1.000	7-4	1.556	0.044	
	1-1	7144	0.014	8-2	1.606	0.008	
	1-2	7221	0.009	10-3	1.593	0.032	
	2-1	8233	0.008	11-1	1.544	0.032	
	2-4	7467	0.006	11-2	1.686	0.009	
	2-5	7717	0.006	<i>L. pennellii</i>	2.609	0.019	
	3-1	6516	0.006	Leaf Area	M82	1527	1.000
	3-3	6812	0.014		2-1	2500	0.011
	3-4	6317	0.006		2-4	2426	0.025
	4-3	8581	0.008		2-6	2536	0.011
	4-4	5735	0.025		3-4	2484	0.019
	5-2	5901	0.041		4-4	2562	0.025
	5-3	6737	0.019		5-1	2419	0.019
	5-4	6935	0.006		5-2	2454	0.032
	5-5	6891	0.006		5-3	2735	0.025
	6-1	6361	0.008		6-2	3331	0.019
	6-4	6037	0.011		7-1	3603	0.011
	7-1	5650	0.019		7-3	1989	0.032
	7-2	5831	0.006		8-1	2206	0.008
	7-3	5580	0.011		9-3	2409	0.008
7-4	7783	0.009	10-1		2948	0.006	
8-1	6278	0.014	11-1		2401	0.014	
8-2	5796	0.011	11-2		3054	0.013	
9-3	6538	0.006	11-4		2113	0.011	
10-1	6647	0.006	12-2	2263	0.036		
10-2	6809	0.006	12-4	2644	0.008		
10-3	5787	0.041	<i>L. pennellii</i>	645	0.006		
11-1	8015	0.006					
11-2	7554	0.009					
11-4	6127	0.011					
12-4	6164	0.006					
<i>L. pennellii</i>	8036	0.006					

ILs with significant ($p \leq 0.05$) divergence from M82 parent for the trait analysed. P-values and medians are taken from the Wilcoxon test results. P-values underscored and in boldface type are highly significant ($p < 0.01$).

Chromosomal location of introgression lines, bins, and QTL for chromosomes 1-12. IL's are indicated as reduced (⊖) ($p < 0.05$), increased (⊕) ($p < 0.05$) or no difference (⊙) ($p > 0.05$) in abaxial epidermal pavement cell size in comparison to M82.



Chromosomal location of introgression lines, bins, and QTL for chromosomes 5-8. IL's are indicated as reduced (⊙) ($p < 0.05$), increased (⊕) ($p < 0.05$) or no difference (⊙) ($p > 0.05$) in abaxial epidermal pavement cell undulation in comparison to M82.

