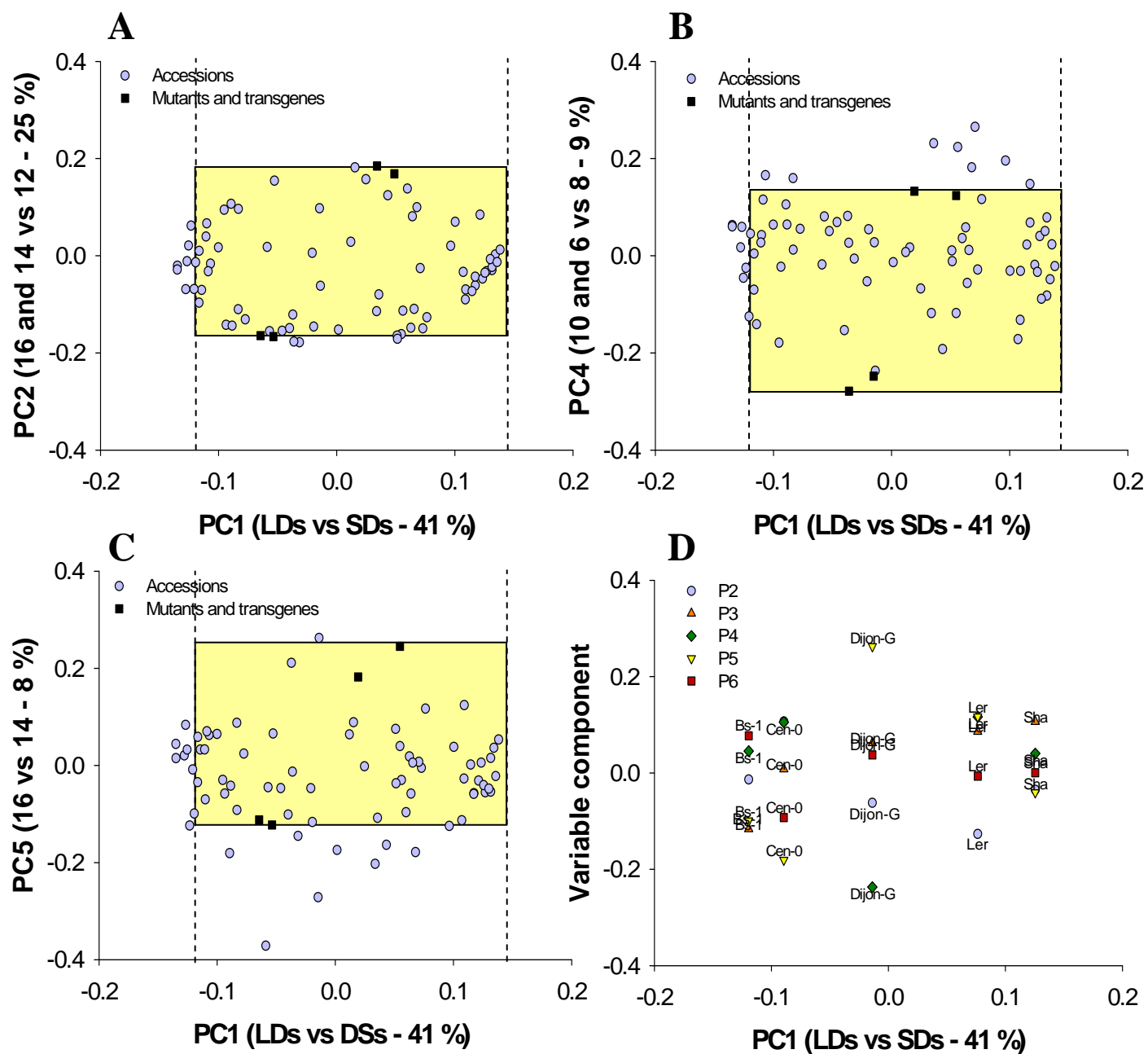
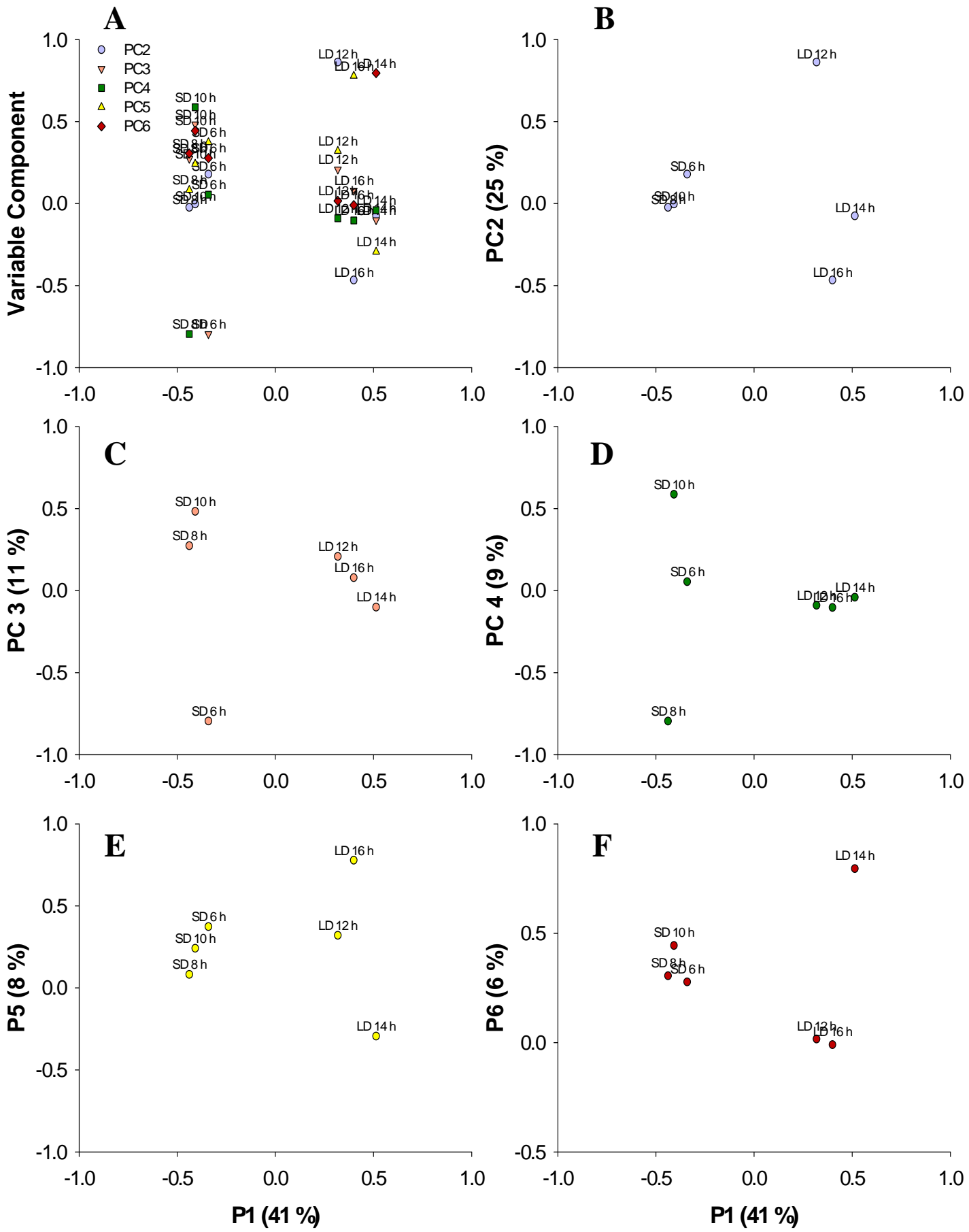
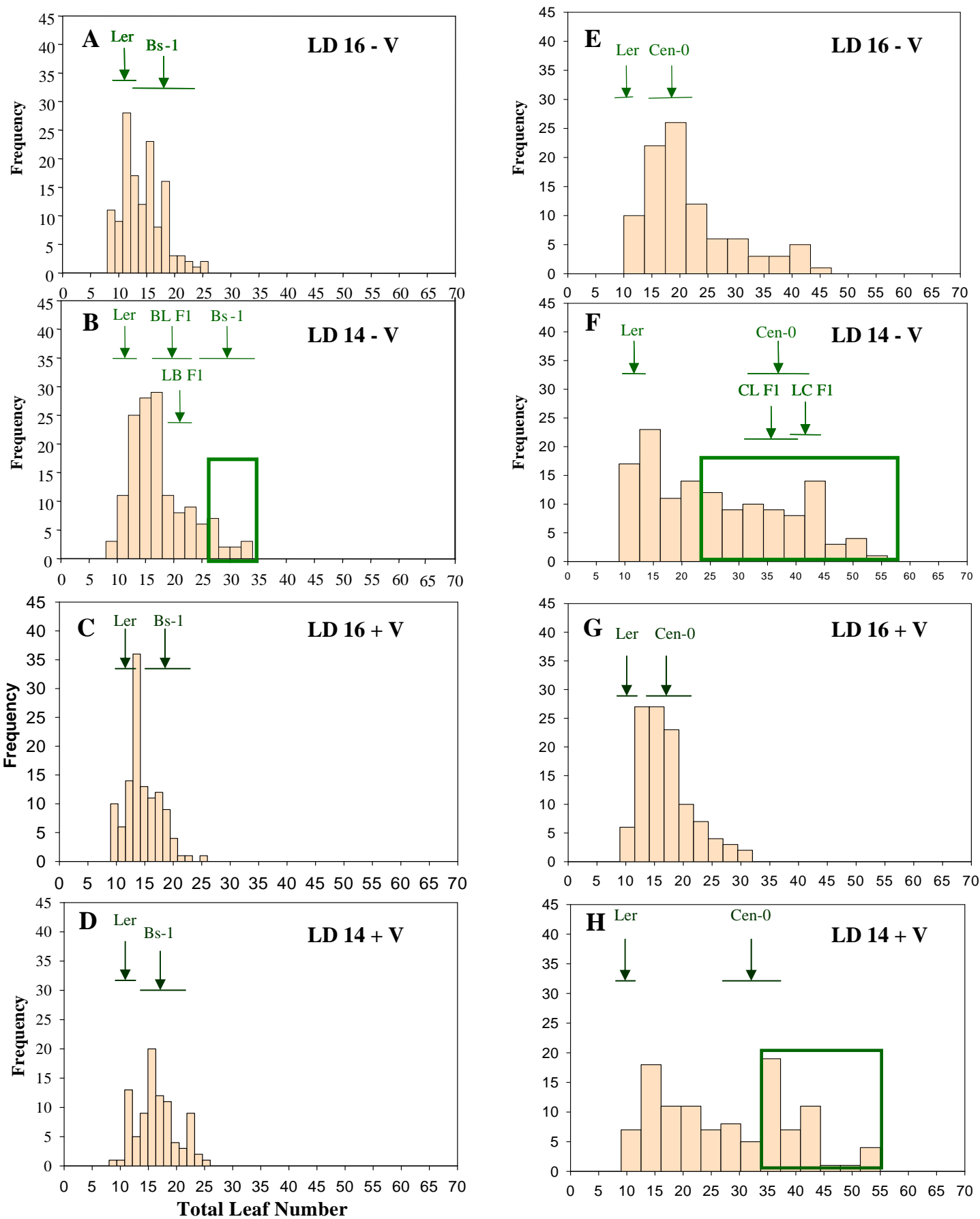


Sup. figure 3



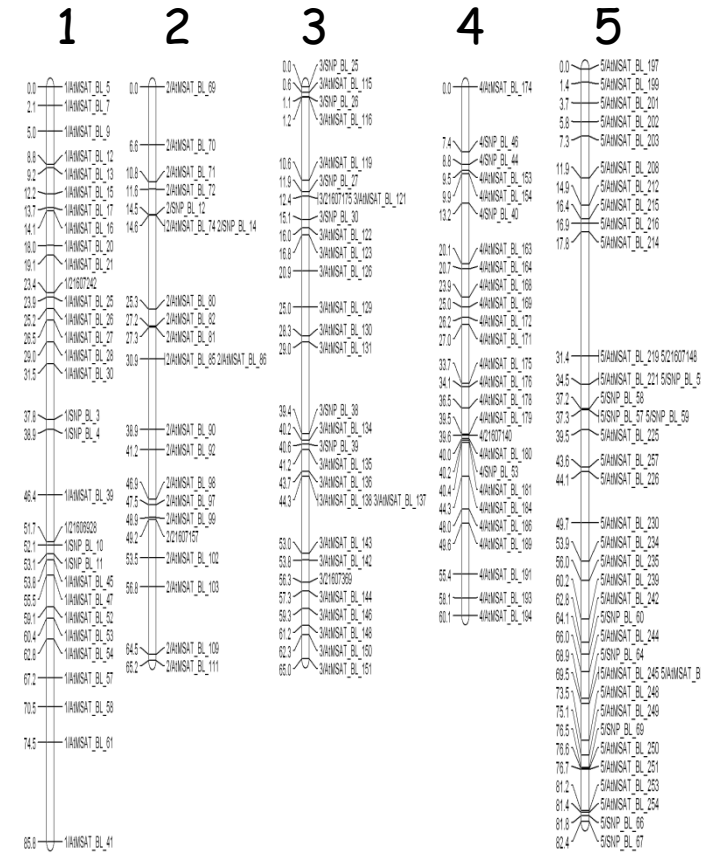
Supp. figure 4



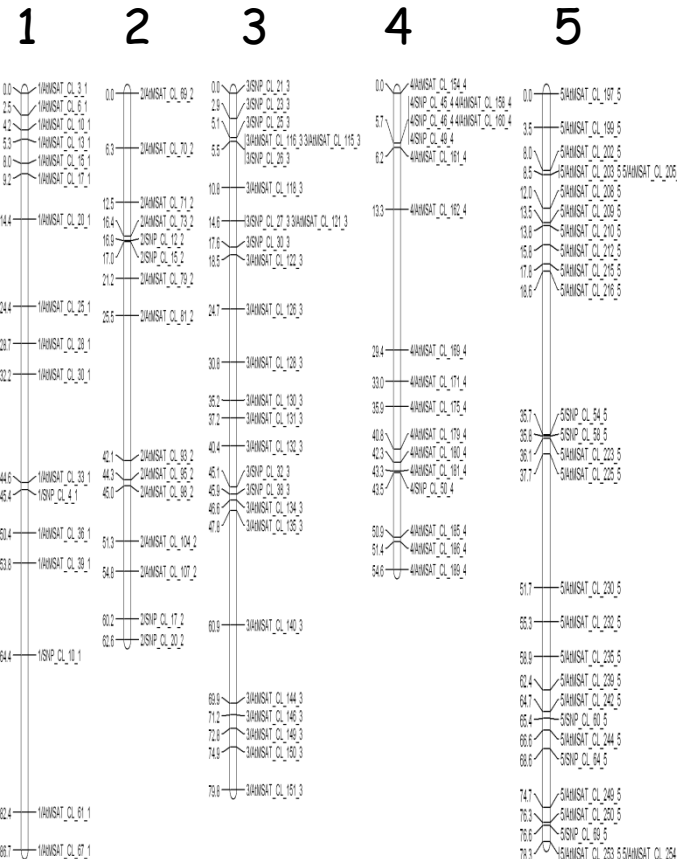


Sup. figure 6

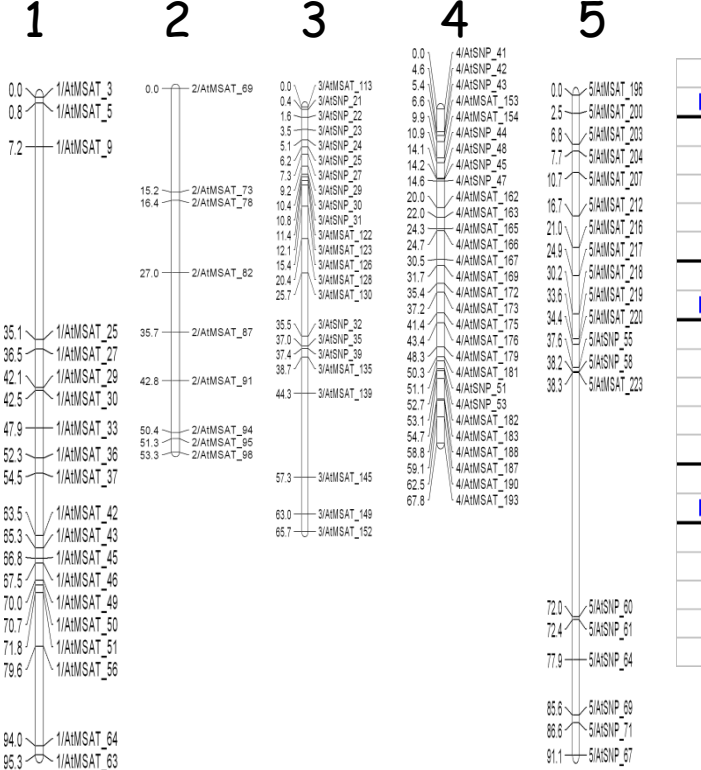
A



B



C



D

<i>Bc-1 x Ler</i>					
Linkage group	Marker number	Max distance (cM)	Min Distance (cM)	Average Distance (cM)	Total Length (cM)
1	30	7.5	0.4	2.6	340.7
2	22	10.7	0.1	3.1	
3	28	10.3	0.0	2.4	
4	25	12.7	0.3	2.0	
5	36	11.6	0.5	2.2	
<i>Cen-0 x Ler</i>					
Linkage group	Marker number	Max distance (cM)	Min Distance (cM)	Average Distance (cM)	Total Length (cM)
1	17	18.0	0.8	5.4	362.1
2	15	16.6	0.1	4.5	
3	26	13.2	0.4	3.2	
4	18	16.1	0.2	3.2	
5	28	17.1	0.3	2.9	
<i>Dijon-G x Sha</i>					
Linkage group	Marker number	Max distance (cM)	Min Distance (cM)	Average Distance (cM)	Total Length (cM)
1	21	27.8	0.4	5.3	372.1
2	9	15.2	0.8	6.7	
3	23	13.1	0.4	3.0	
4	28	5.7	0.4	2.5	
5	20	33.6	0.1	4.8	

Sup. figure 7

