

Table 1 IBM Combined-Stress QTL Yellow shading indicates loci found in single-stress only; green shading indicates QTL found in single-stress and in combined stress. Additive combined stress (single-stresses of opposite effect for one allele, and no QTL in combined stress) cases are indicated in green, with a dagger (†). Unshaded QTL are in combined stress only. The double dagger(‡) indicates complex trans or global QTL by treatment effects in the combined stress environment.

Chr	Bin	Root Biomass			Height Difference		
		Drought	UV	Both	Drought	UV	Both
1	1.00				0-11 cM		
	1.02					153-180 cM	143-170 cM
	1.04	290-328 cM				327-362 cM	292-391 cM
	1.04	374-391 cM	386-391 cM	†			
	1.05		433-471 cM	‡			
	1.06		526-556 cM	‡			519-529 cM
2	2.01			16-34 cM			
	2.02				90-94 cM	65-164 cM	
	2.03	193-256 cM		187-257 cM	275-296 cM		245-315 cM
	2.04	317-361 cM		342-353 cM			341-354 cM
	2.06						367-379 cM
	2.08	526-591 cM		522-593 cM			
	2.09					654-713 cM	
3	3.02				77-168 cM		
	3.04			277-291 cM			
	3.06					494-562 cM	
	3.08	610-625 cM					
4	4.07	428-458 cM	421-569 cM	397-463 cM			
5	5.02					153-157 cM	
	5.08				657-674 cM	644-673 cM	
6	6.01				83-110 cM	76-113 cM	
	6.04		182-199 cM	‡			
	6.06	419-428 cM					
7	7.00			16-45 cM			
	7.02		249-310 cM	‡			
	7.03	387-416 cM		393-416 cM			
	7.04					473-551 cM	‡
8	8.01	49-96 cM					
	8.02		116-174 cM	‡		107-162 cM	‡
	8.03	225-284 cM	255-279 cM				
	8.04						321-345 cM
	8.07					488-510 cM	
9	9.03				204-242 cM		214-242 cM
	9.03						250-258 cM
	9.05			361-404 cM			
10	10.03		194-216 cM	‡	174-220 cM	203-220 cM	220-234 cM
	10.04		242-255 cM	‡			
	10.05			363-442 cM			