

Table S2 Zygotic two-locus interaction between AL1 and AL6 in Sp x Stu cross. Observed and expected (in parentheses) two locus genotype counts.

	Sp cytoplasm				Stu cytoplasm					
	AL6, AT4G04350 (56 cM)				AL6, AT4G04350 (56 cM)					
	Sp1Sp2	Sp1Stu2	Sp2Stu1	Stu1Stu2	Sp1Sp2	Sp1Stu2	Sp2Stu1	Stu1Stu2		
AL1, F20D22 (0 cM)	Sp1Sp2	14 (13)	13 (16)	17 (16)	11 (9)	Sp1Sp2	16 (12)	13 (14)	10 (16)	10 (13)
	Sp1Stu2	13 (9)	10 (10)	9 (11)	4 (6)	Sp1Stu2	12 (8)	7 (9)	17 (10)	9 (8)
	Sp2Stu1	15 (12)	14 (15)	13 (15)	8 (8)	Sp2Stu1	13 (11)	13 (13)	17 (14)	9 (12)
	Stu1Stu2	4 (12)	18 (14)	17 (14)	9 (8)	Stu1Stu2	0 (10)	16 (12)	10 (14)	16 (11)
AL1, AT1G31930 (47 cM)	Sp1Sp2	18 (10)	9 (13)	10 (13)	6 (7)	Sp1Sp2	13 (9)	6 (11)	6 (12)	4 (10)
	Sp1Stu2	18 (12)	16 (14)	7 (15)	8 (8)	Sp1Stu2	17 (11)	15 (13)	14 (14)	10 (11)
	Sp2Stu1	10 (9)	8 (11)	17 (12)	4 (7)	Sp2Stu1	8 (8)	9 (10)	14 (11)	12 (9)
	Stu1Stu2	0 (14)	22 (17)	22 (17)	14 (10)	Stu1Stu2	3 (13)	19 (15)	20 (17)	18 (14)
AL1, LAS (80 cM)	Sp1Sp2	7 (5)	7 (6)	8 (7)	0 (4)	Sp1Sp2	10 (5)	5 (6)	3 (6)	0 (5)
	Sp1Stu2	17 (11)	6 (14)	19 (14)	5 (8)	Sp1Stu2	11 (10)	10 (12)	16 (13)	6 (11)
	Sp2Stu1	10 (12)	19 (14)	10 (15)	10 (8)	Sp2Stu1	8 (11)	11 (13)	10 (14)	9 (11)
	Stu1Stu2	12 (17)	23 (21)	19 (21)	17 (12)	Stu1Stu2	12 (15)	23 (18)	25 (20)	29 (17)