

Additional file 11

Data for Figure 7: number of siliques per main stem of eight week-old plants.

	MEAN	MEDIAN	STDEV	SEM	n	Kruskal-Wallis test	Dunn's test WT versus:	%
WT								
total n of siliques	36.71	39.00	9.47	2.53	14	P>0.05		100
*n of abnormal siliques	1.71	0.00	3.00	0.80		P<0.0001		5
<i>xi-1/xi-k</i>								
total n of siliques	32.75	30.50	7.85	1.96	16		P>0.05	100
n of abnormal siliques	0.13	0.00	0.50	0.13			P>0.05	0
<i>xi-2/xi-k</i>								
total n of siliques	33.77	31.00	7.04	1.95	13		P>0.05	100
n of abnormal siliques	0.00	0.00	0.00	0.00			P>0.05	0
<i>xi-1/xi-2/xi-k</i>								
total n of siliques	30.86	29.00	4.81	1.05	21		P>0.05	100
n of abnormal siliques	18.48	18.00	4.20	0.92			P<0.001	60

Abbreviations: STDEV, standard deviation; SEM, standard error of the mean; n, number of data points.

Statistical analysis: Kruskal-Wallis Test and Dunn's Multiple Comparisons Test.

*Siliques with the length from 4 to 10 mm were evaluated as abnormal.

?: mean number of siliques (per main stem) were taken as 100% and compared to the mean number of abnormal siliques.