

	Compared to	DF	Chi²	P-value	Significant*
Col-0	Col-0 (+Est)	4	0.49	0.9745	No
Col-0	<i>Isd1-2</i>	4	90.85	<0.0001	Yes
Col-0	<i>Isd1-2 atbzip10</i>	4	35.38	<0.0001	Yes
Col-0	<i>atbzip10</i>	4	11.37	0.0227	No
Col-0	<i>35S-AtbZIP10</i>	4	15.96	0.0031	Yes
Col-0 (+Est)	<i>Est-AtbZIP10</i>	4	0.53	0.9705	No
Col-0 (+Est)	<i>Est-AtbZIP10 (+Est)</i>	4	17.36	0.0016	Yes
<i>Est-LSD1</i>	<i>Est-LSD1 (+Est)</i>	4	5.01	0.2863	No
<i>Isd1-2</i>	<i>Isd1-2 atbzip10</i>	4	24.87	<0.0001	Yes
<i>atbzip10</i>	<i>35S-AtbZIP10</i>	4	41.59	<0.0001	Yes
<i>Est-AtbZIP10</i>	<i>Est-AtbZIP10 (+Est)</i>	4	17.16	0.0018	Yes

Supplemental Table 2: Test of Significance for data presented in Figure 6C

* Contingency Table Analysis of experimental comparisons. Bonferroni corrected P-value=0.0045