

	Compared to	DF	Chi ²	P-value	Significant*
Col-0	Col-0 (+Est)	4	0.12	0.9983	No
Col-0	<i>Isd1-2</i>	4	39.72	<0.0001	Yes
Col-0	<i>35S-AtbZIP10 Isd1-2</i>	4	67.2	<0.0001	Yes
<i>Isd1-2</i>	<i>35S-AtbZIP10 Isd1-2</i>	4	9.17	0.057	No
<i>Isd1-2</i>	<i>Est-AtbZIP10 Isd1-2 (+Est)</i>	4	19.2	0.0007	Yes
<i>Est-AtbZIP10 Isd1-2</i>	<i>Est-AtbZIP10 Isd1-2 (+Est)</i>	4	80.64	<0.0001	Yes

Supplemental Table 3: Test of Significance for data presented in Figure 6D

* Contingency Table Analysis of experimental comparisons. Bonferroni corrected P-value=0.007