

Table S1. Phenotypic results from NPA treatment of developing tomato leaves

Stage	Treatment	No leaflets	At least one pair of leaflets	Total
P2*	Control	0	24	24
P2*	NPA	5	20	25
P1*	Control	0	24	24
P1*	NPA	10	12	22

Table S2. Phenotypic results from the application of auxin to the entire length of developing leaves

Treatment	Ectopic blade	Total
DMSO	0	14
1 mM IAA	5	14
10 mM IAA	13	14

Table S3. Phenotypic results from the application of auxin as a spot to developing leaves

Treatment	Ectopic leaflet	Ectopic blade	Broadened leaflet	No reaction	Total
DMSO	0	0	0	0	41
1 mM IAA	1	1	4	36	42
10 mM IAA	7	9	8	15	39