

**Supplementary Table S1.** Main plant hormones (pmole mg<sup>-1</sup>) were measured on leaves collected immediately after UV or 7 days after transplanting. Arrows indicate the percentage change between – UV and + UV. One arrow (↑/↓) has been used for difference < ± 40%, two arrows (↑↑/↓↓) have been used for values ≥ ± 40% and ≤ ± 60%, and three arrows (↑↑↑/↓↓↓) have been used for difference > ± 60%. Significant results were reported when the p-value is < 0.05.

Hormones	- UV after UV	+ UV after UV	Trend	- UV after transplant- ing	+ UV after transplant- ing	Trend
BAP	8.7 ± 0.9	6.2 ± 1.0	↓	11.7 ± 2.8	8.7 ± 1.0	↓
BA9G	3.0 ± 2.1	1.2 ± 0.8	↓↓↓	0.3 ± 0.3	0 ± 0	-
iPA	0.1 ± 0.1	1.0 ± 0.3	↑↑↑	0.2 ± 0.2	0 ± 0	-
iP-9-G	75.1 ± 6.3	33.3 ± 2.5	↓↓	44 ± 5.3	21.6 ± 7.3	Significant ↓↓
ABA	11.6 ± 9.6	6.4 ± 3.5	↓↓	20.2 ± 11.3	4.5 ± 4.5	↓↓↓
IAA	243 ± 132	75.2 ± 28.2	↓↓↓	3.9 ± 0.7	4.3 ± 1.8	↑
IAA-C	381 ± 237	5.6 ± 3.0	Significant ↓↓↓	26.7 ± 12.1	7.0 ± 3.8	↓↓↓
GA3	19.5 ± 5.0	13.6 ± 4.8	↓	27.2 ± 3.8	10.2 ± 2.6	Significant ↓↓↓
GA19	10.0 ± 0.9	37.5 ± 31.2	↑↑↑	22.6 ± 8.8	9.9 ± 1.4	↓↓↓
GA7	390 ± 52	221 ± 57	↓↓	279.6 ± 71.7	374 ± 48	↑
GA15	261 ± 37	358 ± 144	↑	313 ± 32	1015 ± 716	↑↑↑

## Hormones in stems

**Supplementary Table S2.** Main plant hormones (pmole mg<sup>-1</sup>) were measured on stems collected immediately after UV or 7 days after transplanting. Arrows indicate the percentage change between – UV and + UV. One arrow (↑/↓) has been used for difference < ± 40%, two arrows (↑↑/↓↓) have been used for values ≥ ± 40% and ≤ ± 60%, and three arrows (↑↑↑/↓↓↓) have been used for difference > ± 60%. Significant results were reported when the p-value is < 0.05.

<i>Hormones</i>	<i>- UV</i> <i>after UV</i>	<i>+ UV</i> <i>after UV</i>	<i>Trend</i>	<i>- UV</i> <i>after transplant-</i> <i>ing</i>	<i>+ UV</i> <i>after transplant-</i> <i>ing</i>	<i>Trend</i>
<i>BAP</i>	6.7 ± 0.1	8.2 ± 1.3	↑	7.3 ± 1.4	6.9 ± 1.0	↓
<i>BA9G</i>	5.7 ± 2.4	6.6 ± 4.1	↑	1.4 ± 1.0	1.1 ± 0.5	↓
<i>iPA</i>	0.9 ± 0.4	5.6 ± 2.3	↑↑↑	1.3 ± 0.1	1.0 ± 0.1	↓
<i>iP-9-G</i>	32.9 ± 3.7	26.4 ± 5.7	↓	12.4 ± 1.8	8.9 ± 1.7	↓
<i>ABA</i>	4.0 ± 2.5	0.7 ± 0.7	↓↓↓	10.5 ± 6.7	4.0 ± 4.0	↓↓↓
<i>IAA</i>	126 ± 61	29.2 ± 8.2	↓↓↓	5.3 ± 1.3	5.9 ± 2.3	↑
<i>IAA-C</i>	277 ± 148	10.5 ± 5.2	↓↓↓	7.0 ± 2.4	4.6 ± 2.3	↓↓
<i>GA3</i>	19.8 ± 3.3	18.9 ± 3.3	↓	16.2 ± 3.0	13.8 ± 1.5	↓
<i>GA19</i>	30.7 ± 2.5	39.3 ± 11.7	↑	56.5 ± 3.6	61.2 ± 5.3	↑
<i>GA7</i>	160 ± 20	287 ± 36	Significant ↑↑↑	245 ± 18	279 ± 22	↑
<i>GA15</i>	833 ± 523	818 ± 433	↓	621 ± 159	794 ± 300	↑

## Hormones in roots

**Supplementary Table S3.** Main plant hormones (pmole mg<sup>-1</sup>) were measured on roots collected immediately after UV or 7 days after transplanting. Arrows indicate the percentage change between – UV and + UV. One arrow (↑/↓) has been used for difference < ± 40 %, two arrows (↑↑/↓↓) have been used for values ≥ ± 40 % and ≤ ± 60 %, and three arrows (↑↑↑/↓↓↓) have been used for difference > ± 60 %. Significant results were reported when the p-value is < 0.05.

<i>Hormones</i>	<i>- UV</i> <i>after UV</i>	<i>+ UV</i> <i>after UV</i>	<i>Trend</i>	<i>- UV</i> <i>after trans- planting</i>	<i>+ UV</i> <i>after transplant- ing</i>	<i>Trend</i>
<i>BAP</i>	8.1 ± 1.7	5.3 ± 1.2	↓	11.5 ± 2.3	8.5 ± 1.1	↓
<i>BA9G</i>	81 ± 46	163 ± 107	↑↑↑	74.7 ± 29.3	142 ± 51	↑↑↑
<i>iPA</i>	0.0 ± 0.0	0.3 ± 0.2	-	1.5 ± 0.4	1.0 ± 0.1	↓
<i>iP-9-G</i>	15.0 ± 3.0	7.5 ± 0.8	↓↓	8.6 ± 0.7	7.0 ± 1.3	↓
<i>ABA</i>	1.7 ± 1.0	0.4 ± 0.4	↓↓↓	3.4 ± 3.0	1.6 ± 1.6	↓↓↓
<i>IAA</i>	126 ± 65	11.8 ± 3.4	Significant ↓↓↓	4.4 ± 0.6	5.9 ± 1.9	↑
<i>IAA-C</i>	99 ± 62	3.5 ± 0.8	Significant ↓↓↓	3.2 ± 0.4	1.0 ± 2.0	↓
<i>GA3</i>	20.9 ± 4.9	16.9 ± 2.0	↓	21.1 ± 1.4	15.7 ± 1.2	Significant ↓
<i>GA19</i>	4.4 ± 0.5	4.9 ± 0.9	↑	3.9 ± 0.5	4.1 ± 0.8	↑
<i>GA7</i>	61.7 ± 8.7	62.0 ± 12.4	↑	145 ± 14	154 ± 16	↑
<i>GA15</i>	673 ± 406	407 ± 98	↓↓↓	359 ± 63	338 ± 72	↓