

Supplementary Table 3. Summary of hormone metabolites in 5-d developing caryopses from IL_{SD1-2}^E and IL_{SD1-2}^S.

	Gibberellin metabolites (ng/g dry weight)													
	GA ₁	GA ₃	GA ₄	GA ₇	GA ₈	GA ₉	GA ₁₉	GA ₂₀	GA ₂₄	GA ₂₉	GA ₃₄	GA ₄₄	GA ₅₁	GA ₅₃
IL _{SD1-2} ^E	<3.8 ^a	n.d.	n.d.	n.d.	<3.8	n.d.	14.9	n.d.	<3.8	n.d.	15.3	10.9	21.6	5.6
IL _{SD1-2} ^S	n.d. ^b	<3.9	n.d.	<3.9	<5	n.d.	17.7	n.d.	n.d.	n.d.	12.1	9.5	<12.6	4.8

	Abscisic acid (ng/g dry weight) ^c						
	ABA	DPA	ABAGE	PA	7'OH-ABA	neo-PA	t-ABA
IL _{SD1-2} ^E	30.6	1729	106.1	35.4	n.d.	<3.8	15.5
IL _{SD1-2} ^S	22.2	1177	156.5	20.5	n.d.	<3.9	8.0

	Auxins (ng/g dry weight) ^d					
	IAA	IAA-Ala	IAA-Asp	IAA-Glu	IAA-Leu	IBA
IL _{SD1-2} ^E	279.3	<3.8	83.6	14.2	<3.8	n.d.
IL _{SD1-2} ^S	153.7	n.d.	95.2	18.7	<3.9	n.d.

	Cytokinins (ng/g dry weight) ^e									
	t-ZOG	c-ZOG	t-Z	c-Z	dhZ	t-ZR	c-ZR	dhZR	iP	iPR
IL _{SD1-2} ^E	n.d.	69.4	n.d.	n.d.	n.d.	n.d.	5.4	n.d.	<1	4.5
IL _{SD1-2} ^S	n.d.	74.3	n.d.	<1	n.d.	n.d.	7.5	n.d.	<1	7.3

^a Likelihood values of the limit of quantification (LOQ) defined as signal/noise ratio.

^b Not detected as defined as LOQ<3.0.

^c *cis*-Abscisic acid (ABA) and its metabolites: Dihydrophaseic acid (DPA), ABA glucose ester (ABAGE), Phaseic acid (PA), 7'-Hydroxy-ABA (7'-OH-ABA), neo-Phaseic acid (neo-PA) and *trans*-ABA (t-ABA).

^d IAA, indole-3-acetic acid; IAA-Asp, N-(Indole-3-yl-acetyl)-aspartic acid; IAA-Glu, N-(Indole-3-yl-acetyl)-glutamic acid; IAA-Ala, N-(Indole-3-yl-acetyl)-alanine; IAA-Leu, N-(Indole-3-yl-acetyl)-leucine; and IBA, Indole-3-butyric acid.

^e t-ZOG, *trans*-Zeatin-O-glucoside; c-ZOG, *cis*-Zeatin-O-glucoside; t-Z, *trans*-Zeatin; c-Z, *cis*-Zeatin; dhZ, Dihydrozeatin; t-ZR, *trans*-Zeatin riboside; c-ZR, *cis*-Zeatin riboside; dhZR, Dihydrozeatin riboside; iP, isopentenyladenine; and iPR, iP iboside.