

Supplemental Table 2**Cytokinin contents of Arabidopsis wild-type plants after cold treatment**

Sample	tZ	tZR	tZOG	tZROG	tZ9G	tZR5'MP
Col-0 0h	1.54±0.34	1.31±0.45	15.07±0.58	1.38±0.16	5.32±0.80	10.96±1.78
Col-0 0.5h	1.58±0.32	0.99±0.24	14.38±3.02	1.37±0.29	4.76±0.89	9.93±2.25
Col-0 1h	1.70±0.44	1.30±0.36	15.47±1.96	1.52±0.40	6.19±1.14	11.66±0.09
Col-0 2h	2.13±0.57	1.75±0.52	19.40±3.20	1.96±0.50	5.66±0.29	15.88±2.83
Col-0 4h	1.67±0.36	1.32±0.43	15.81±0.94	1.59±0.23	5.54±0.28	11.85±2.83
Sample	cZ	cZR	cZOG	cZROG	cZ9G	cZR5'MP
Col-0 0h	0.25±0.04	0.41±0.11	0.19±0.06	4.14±0.79	0.24±0.03	0.35±0.09
Col-0 0.5h	0.26±0.06	0.38±0.13	0.17±0.03	3.25±1.04	0.17±0.00	0.37±0.03
Col-0 1h	0.21±0.02	0.42±0.11	0.21±0.01	4.13±0.42	0.26±0.08	0.40±0.05
Col-0 2h	0.22±0.04	0.37±0.11	0.21±0.04	5.23±2.02	0.27±0.01	0.44±0.10
Col-0 4h	0.16±0.03	0.31±0.04	0.20±0.04	2.94±1.04	0.23±0.03	0.36±0.02
Sample	DHZ	DHZR	DHZOG	DHZROG	DHZ9G	DHZR5'MP
Col-0 0h	0.01±0.00	0.02±0.01	0.42±0.11	0.10±0.03	0.07±0.01	0.17±0.03
Col-0 0.5h	0.01±0.00	0.02±0.00	0.32±0.06	0.13±0.04	0.06±0.02	0.15±0.01
Col-0 1h	0.01±0.00	0.02±0.01	0.55±0.07	0.13±0.04	0.07±0.01	0.17±0.03
Col-0 2h	0.02±0.01	0.04±0.01	0.41±0.08	0.18±0.05	0.08±0.02	0.18±0.03
Col-0 4h	0.01±0.01	0.03±0.01	0.37±0.06	0.14±0.02	0.07±0.00	0.18±0.03
Sample	iP	iPR	iP9G	iPR5'MP		
Col-0 0h	0.13±0.02	0.38±0.13	1.55±0.11	8.48±3.56		
Col-0 0.5h	0.13±0.03	0.39±0.11	1.30±0.34	4.75±2.07		
Col-0 1h	0.14±0.02	0.34±0.08	1.69±0.29	7.24±2.07		
Col-0 2h	0.15±0.03	0.44±0.15	1.57±0.17	8.32±0.69		
Col-0 4h	0.13±0.02	0.48±0.05	1.59±0.27	7.60±2.67		

One gram of *Arabidopsis* Col-0 seedlings (10 DAG) per sample was pooled, and three independent biological samples were taken for each treatment of cold temperature at 1°C. Data shown are mean (pmol/g fresh weight) ± SD. Statistically significant change with $p < 0.05$ (Student's *t*-test) are in bold. tZ, *trans*-zeatin; tZR, *trans*-zeatin riboside; tZOG, *trans*-zeatin O-glucoside; tZROG, *trans*-zeatin riboside O-glucoside; tZ9G, *trans*-zeatin 9-glucoside; tZR5'MP, *trans*-zeatin riboside 5'-monophosphate; cZ, *cis*-zeatin; cZR, *cis*-zeatin riboside; cZOG, *cis*-zeatin O-glucoside; cZROG, *cis*-zeatin riboside O-glucoside; cZ9G, *cis*-zeatin 9-glucoside; cZR5'MP, *cis*-zeatin riboside 5'-monophosphate; DHZ, dihydrozeatin; DHZR, dihydrozeatin riboside; DHZOG, dihydrozeatin O-glucoside; DHZROG, dihydrozeatin riboside O-glucoside; DHZ9G, dihydrozeatin 9-glucoside; DHZR5'MP, dihydrozeatin riboside 5'-monophosphate; iP, N⁶-(Δ²isopentenyl)adenine; iPR, N⁶-(Δ²isopentenyl)adenosine; iP9G, N⁶-(Δ²isopentenyl)adenine 9-glucoside; iPRMP, N⁶-(Δ²isopentenyl)adenosine 5'-monophosphate.