

**Supporting table S4** Absolute quantification of CK levels in tomato seedlings  $\pm$  SE based on three independent experiments. <LOD indicates that the levels of the corresponding compound were below the limit of detection; cZ *cis*-zeatin compounds, tZ *trans*-zeatin compounds, DHZ dihydrozeatin compounds, iP isopentenyladenine compounds, xR ribosides, xOG O-glucosides, x9G 9-glucosides, xMP monophosphates, x7G 7-glucosides.

CKs	wt control			wt 100 nM ABA			sit control			sit ABA 100 nM		
	[pmol/g FW] $\pm$ SE			[pmol/g FW] $\pm$ SE			[pmol/g FW] $\pm$ SE			[pmol/g FW] $\pm$ SE		
cZ	<b>0.09</b>	$\pm$	0.03	<b>0.13</b>	$\pm$	0.01	<b>0.14</b>	$\pm$	0.02	<b>0.10</b>	$\pm$	0.01
cZR	<b>0.37</b>	$\pm$	0.04	<b>0.42</b>	$\pm$	0.05	<b>1.13</b>	$\pm$	0.40	<b>0.33</b>	$\pm$	0.05
cZOG	<b>0.09</b>	$\pm$	0.03	<b>0.13</b>	$\pm$	0.02	<b>0.14</b>	$\pm$	0.01	<b>0.08</b>	$\pm$	0.01
cZ9G	<b>0.15</b>	$\pm$	0.00	<b>0.14</b>	$\pm$	0.01	<b>0.11</b>	$\pm$	0.02	<b>0.10</b>	$\pm$	0.01
cZROG	<b>0.15</b>	$\pm$	0.01	<b>0.15</b>	$\pm$	0.02	<b>0.41</b>	$\pm$	0.15	<b>0.18</b>	$\pm$	0.04
cZRMP	<b>0.36</b>	$\pm$	0.01	<b>0.55</b>	$\pm$	0.20	<b>0.43</b>	$\pm$	0.14	<b>0.64</b>	$\pm$	0.23
cZ7G	<b>8.55</b>	$\pm$	0.59	<b>8.79</b>	$\pm$	0.26	<b>10.76</b>	$\pm$	0.35	<b>8.29</b>	$\pm$	0.65
tZ	<b>0.17</b>	$\pm$	0.02	<b>0.09</b>	$\pm$	0.02	<b>0.21</b>	$\pm$	0.04	<b>0.16</b>	$\pm$	0.01
tZR	<b>1.35</b>	$\pm$	0.09	<b>0.55</b>	$\pm$	0.02	<b>1.12</b>	$\pm$	0.17	<b>0.60</b>	$\pm$	0.08
tZOG	<b>0.10</b>	$\pm$	0.02	<b>0.07</b>	$\pm$	0.02	<b>0.13</b>	$\pm$	0.03	<b>0.08</b>	$\pm$	0.01
tZ9G	<b>0.28</b>	$\pm$	0.03	<b>0.18</b>	$\pm$	0.00	<b>0.46</b>	$\pm$	0.06	<b>0.28</b>	$\pm$	0.05
tZROG	<b>0.57</b>	$\pm$	0.06	<b>0.51</b>	$\pm$	0.09	<b>1.34</b>	$\pm$	0.07	<b>1.01</b>	$\pm$	0.10
tZRMP	<b>0.66</b>	$\pm$	0.08	<b>0.28</b>	$\pm$	0.02	<b>0.53</b>	$\pm$	0.06	<b>0.57</b>	$\pm$	0.05
tZ7G	<b>8.26</b>	$\pm$	0.47	<b>5.33</b>	$\pm$	0.43	<b>15.44</b>	$\pm$	0.50	<b>9.34</b>	$\pm$	1.88
DHZ	<b>0.01</b>	$\pm$	0.00	<b>0.01</b>	$\pm$	0.00	<b>0.02</b>	$\pm$	0.00	<b>0.01</b>	$\pm$	0.00
DHZR	<b>0.10</b>	$\pm$	0.01	<b>0.05</b>	$\pm$	0.01	<b>0.14</b>	$\pm$	0.02	<b>0.09</b>	$\pm$	0.05
DHZOG	<b>0.06</b>	$\pm$	0.00	<b>0.08</b>	$\pm$	0.01	<b>0.11</b>	$\pm$	0.03	<b>0.07</b>	$\pm$	0.02
DHZ9G	<LOD			<LOD			<LOD			<LOD		
DHZROG	<b>0.73</b>	$\pm$	0.08	<b>1.10</b>	$\pm$	0.38	<b>2.19</b>	$\pm$	0.17	<b>1.82</b>	$\pm$	0.50
DHZRMP	<LOD			<LOD			<LOD			<LOD		
DHZ7G	<b>23.29</b>	$\pm$	1.40	<b>26.91</b>	$\pm$	4.26	<b>73.61</b>	$\pm$	0.61	<b>44.07</b>	$\pm$	3.54
iP	<b>0.24</b>	$\pm$	0.02	<b>0.42</b>	$\pm$	0.09	<b>0.33</b>	$\pm$	0.06	<b>0.32</b>	$\pm$	0.12
iPR	<b>0.12</b>	$\pm$	0.03	<b>0.14</b>	$\pm$	0.04	<b>0.31</b>	$\pm$	0.07	<b>0.26</b>	$\pm$	0.06
iP9G	<b>0.12</b>	$\pm$	0.02	<b>0.15</b>	$\pm$	0.04	<b>0.13</b>	$\pm$	0.01	<b>0.15</b>	$\pm$	0.02
iPRMP	<b>0.40</b>	$\pm$	0.07	<b>0.31</b>	$\pm$	0.09	<b>0.49</b>	$\pm$	0.06	<b>0.41</b>	$\pm$	0.06
iP7G	<b>14.43</b>	$\pm$	0.94	<b>14.09</b>	$\pm$	1.02	<b>40.38</b>	$\pm$	3.59	<b>48.05</b>	$\pm$	1.12
SUMA	<b>60.64</b>	$\pm$	4.02	<b>60.58</b>	$\pm$	7.12	<b>150.07</b>	$\pm$	6.63	<b>117.00</b>	$\pm$	8.66