

Table S3. Distribution of intra- and extra-cellular cytokinin bases, ribosides, nucleotides (monophosphates) and O-glucosides (zeatin) in *Physcomitrella patens* calculated as pmoles produced per 200 mL of liquid culture. Data derived from analysis presented in Fig. 3 A and B.

tissue [pmol/200 mL liquid culture]					day	medium [pmol/200 mL liquid culture]			
	bases	ribosides	nucleotides	O-glucosides		bases	ribosides	nucleotides	O-glucosides
WT	1.2	1.2	11.9	22.2	0	1.3	0.0	0.5	0.1
	1.4	2.1	17.1	41.1	10	22.0	6.9	21.2	1.8
	3.1	1.8	9.0	44.5	20	9.1	7.1	32.3	1.7
tCKX7	1.3	2.7	15.2	27.3	0	7.8	0.2	0.4	0.3
	0.9	3.4	19.3	56.7	10	0.6	0.6	15.9	1.2
	2.9	2.5	13.6	39.5	20	0.7	1.5	24.0	1.9
tCKX16	0.8	1.8	11.5	17.0	0	0.4	0.1	0.2	0.1
	1.0	4.4	12.7	40.8	10	1.1	1.3	10.8	2.1
	1.3	2.9	8.2	30.6	20	1.4	3.9	21.2	4.2