

TABLE 2**Pigment composition of plants treated with different conditions**

Leaf pigment compositions of plants treated with different light/temperature conditions are reported. Data are normalized to 100 total Chl (a + b) molecules. Standard deviation is also reported.

Sample	Chl a/b	Neoxanthin	Violaxanthin	Antheraxanthin	Lutein	Zeaxanthin	β -Carotene	Total carotenoids
Control	3.0 \pm 0.1	3.4 \pm 0.1	2.9 \pm 0.2		9.9 \pm 0.3		6.7 \pm 1.0	22.9 \pm 1.5
LL	2.6 \pm 0.1	2.9 \pm 0.3	2.7 \pm 0.4		9.7 \pm 0.3		6.2 \pm 0.8	21.6 \pm 1.0
HL	3.5 \pm 0.1	3.1 \pm 0.3	3.5 \pm 0.5	1.5 \pm 0.3	10.7 \pm 1.0	2.7 \pm 0.3	8.3 \pm 0.4	29.9 \pm 1.9
cLL	2.7 \pm 0.2	3.4 \pm 0.3	3.5 \pm 0.1		10.2 \pm 1.3		6.1 \pm 0.7	23.3 \pm 2.3
Chl	3.6 \pm 0.1	3.4 \pm 0.5	4.9 \pm 0.6	2.0 \pm 0.4	12.3 \pm 0.8	2.3 \pm 0.4	7.6 \pm 0.6	32.5 \pm 3.4