Table S1. Correlation coefficients for RGB index I_1 [134] and chlorophyll concentration (in, $\mu g cm^{-2}$) quantified by the DMSO method [135]. For each trait pair, the Pearson correlation coefficients (upper row) and the *p* values (lower row) were reported.

Trait	Chlorophyll a	Chlorophyll b	Chlorophyll a/b ratio	Total Chlorophyll
RGB index I_1	-0.6574	-0.4356	-0.6741	-0.6312
	<.0001	0.0161	<.0001	0.0002

Figure S1. Representative micrographs of *Iris pumila* leaf epidermal impressions. The images display the adaxial (A) and abaxial (B) surfaces of the same leaf. A paired *t*-test conducted on the full sample (five genotypes, with 10 micrographs per leaf side for each genotype) revealed no significant difference in stomatal density between the two surfaces ($p = 0.710$).

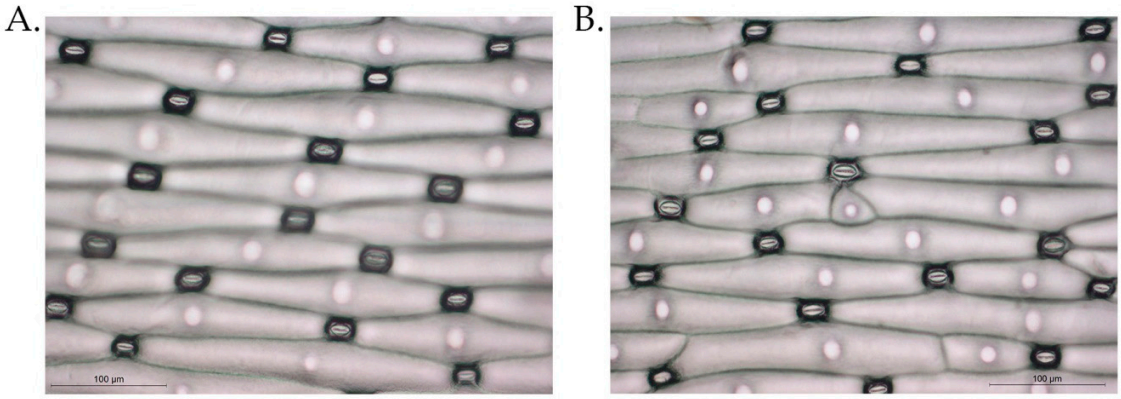

Figure S2. The relationship between RGB index I_1 [134] and chlorophyll concentration (in, $\mu g cm^{-2}$) quantified by the DMSO method [135]. The 99% prediction interval is marked with grey dashed lines.

