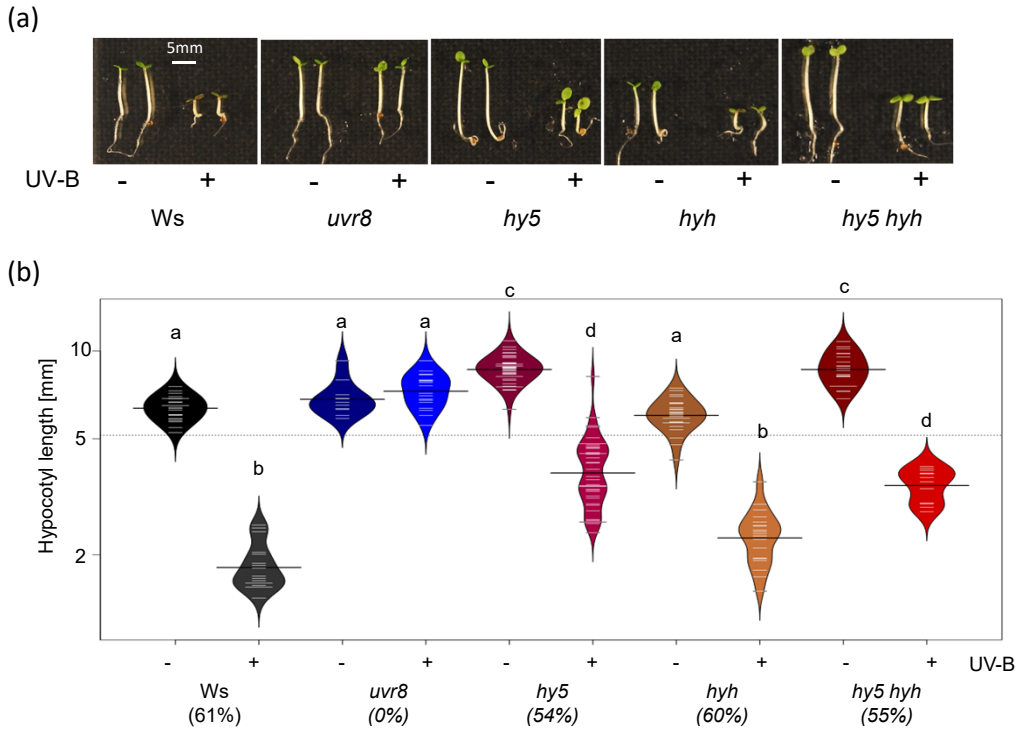

Figure S1. UVR8-mediated inhibition of hypocotyl growth is partially HY5 and HYH-independent.
(a) Representative image showing the hypocotyl growth phenotype of four-day-old wild-type (Ws), *uvr8-7, hy5-ks50, hyh-1,* and *hy5-ks50 hyh-1* seedlings grown under white light (- UV-B) or white light supplemented with UV-B (+ UV-B).
(b) Quantification of hypocotyl length. Beanplots represent data for n > 40 seedlings. Shared letters indicate no statistically significant difference in the means (P > 0.05). Percentages on the x-axis indicate the relative hypocotyl growth inhibition by UV-B.

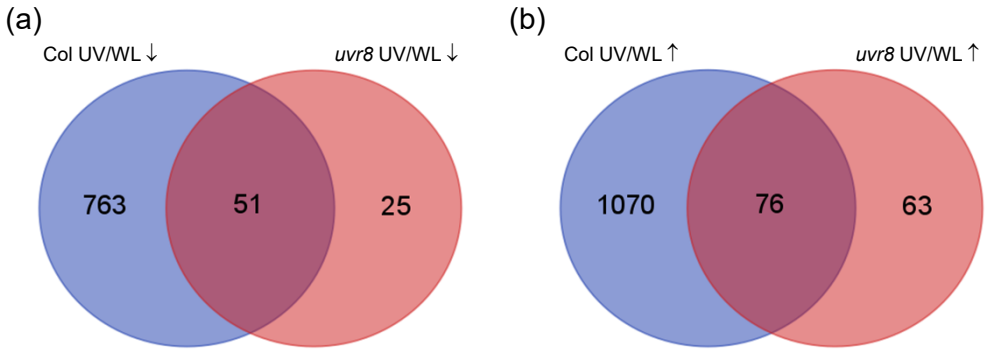

Figure S2. UVR8-dependent, UV-B-regulated genes.
(a) Venn diagram representing the intersection between UV-B-repressed genes in wild-type (Col UV/WL ↓) and *uvr8-6* mutant (*uvr8* UV/WL ↓) seedlings (FC > 2, adjusted pvalue < 0.05).
(b) Venn diagram representing the intersection between UV-B-induced genes in wild-type (Col UV/WL ↑) and *uvr8-6* mutant (*uvr8* UV/WL ↑) seedlings (FC > 2, adjusted pvalue < 0.05).

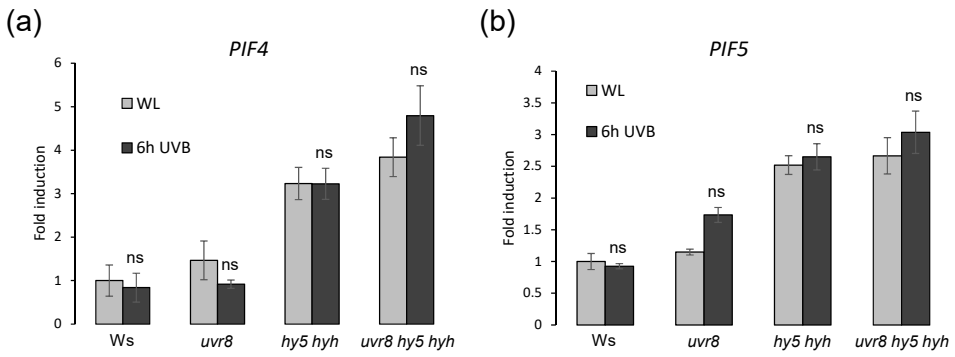

Figure S3. UV-B does not affect *PIF4* and *PIF5* expression.
(a, b) Quantitative real-time PCR analysis of (a) *PIF4* and (b) *PIF5* expression in four-day-old wild-type (Ws), *uvr8-7, hy5-ks50 hyh-1* and *uvr8-7 hy5-ks50 hyh-1* seedlings grown under white light and either exposed to a final 6 hours of UV-B (6h UVB) or not (WL). Error bars represent SE of three biological replicates. ns = no significant difference (UV-B compared to WL in each genotype).