

Fig. S1. The experimental design used for the metabolomic study of high salinity (S), high irradiance (HL), and a combination of high salinity and high irradiance (S+HL) using *Arabidopsis Col* and *Ler* plants. CT, control; HL, high irradiance; S, high salinity; S+HL, a combination of high salinity and high irradiance.

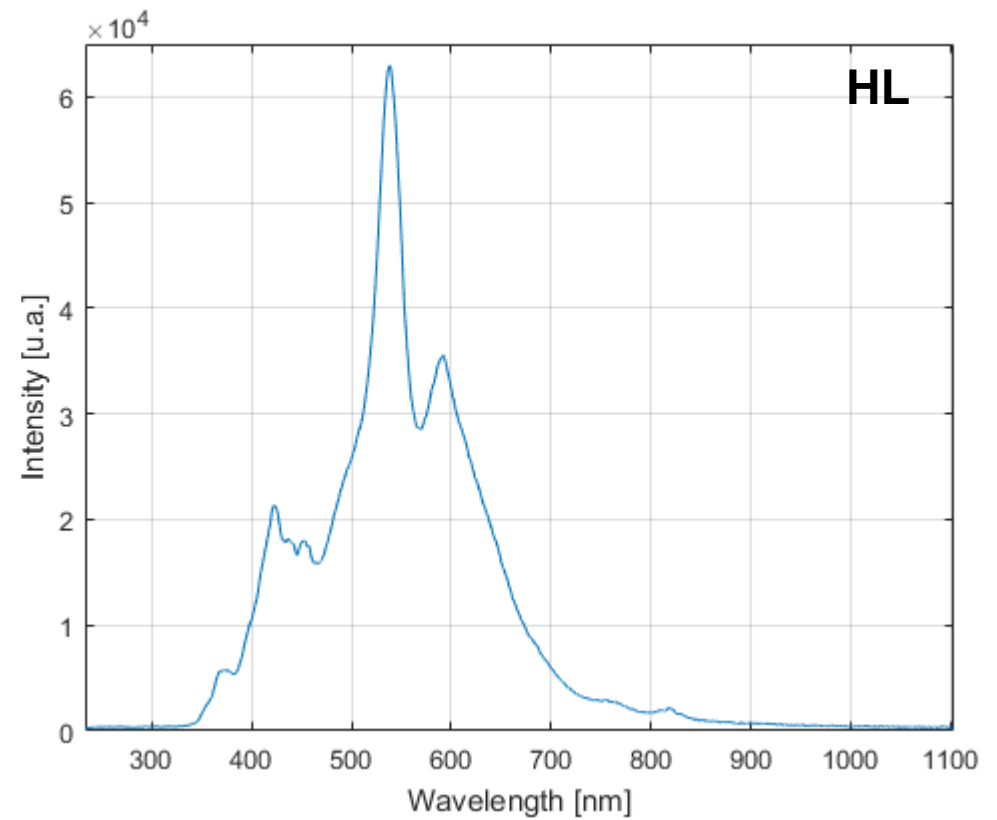
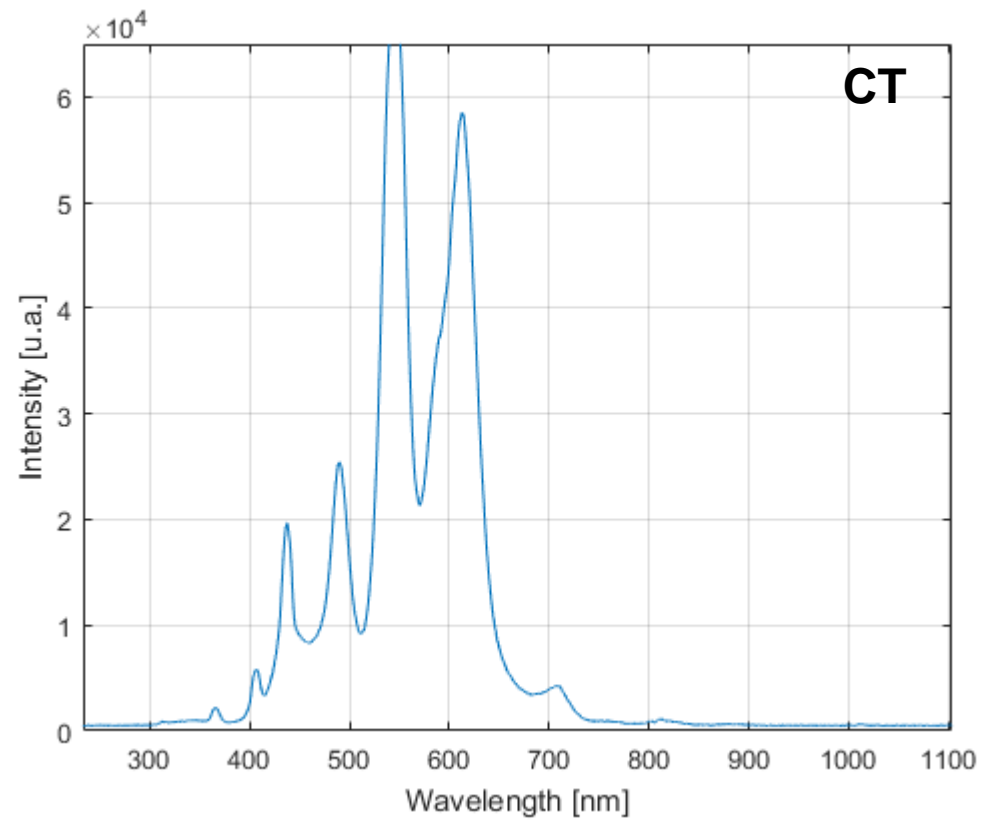


Fig. S2. Light spectrum used for growing plants under control conditions and during increased irradiance treatments. CT, control; HL, increased irradiance.

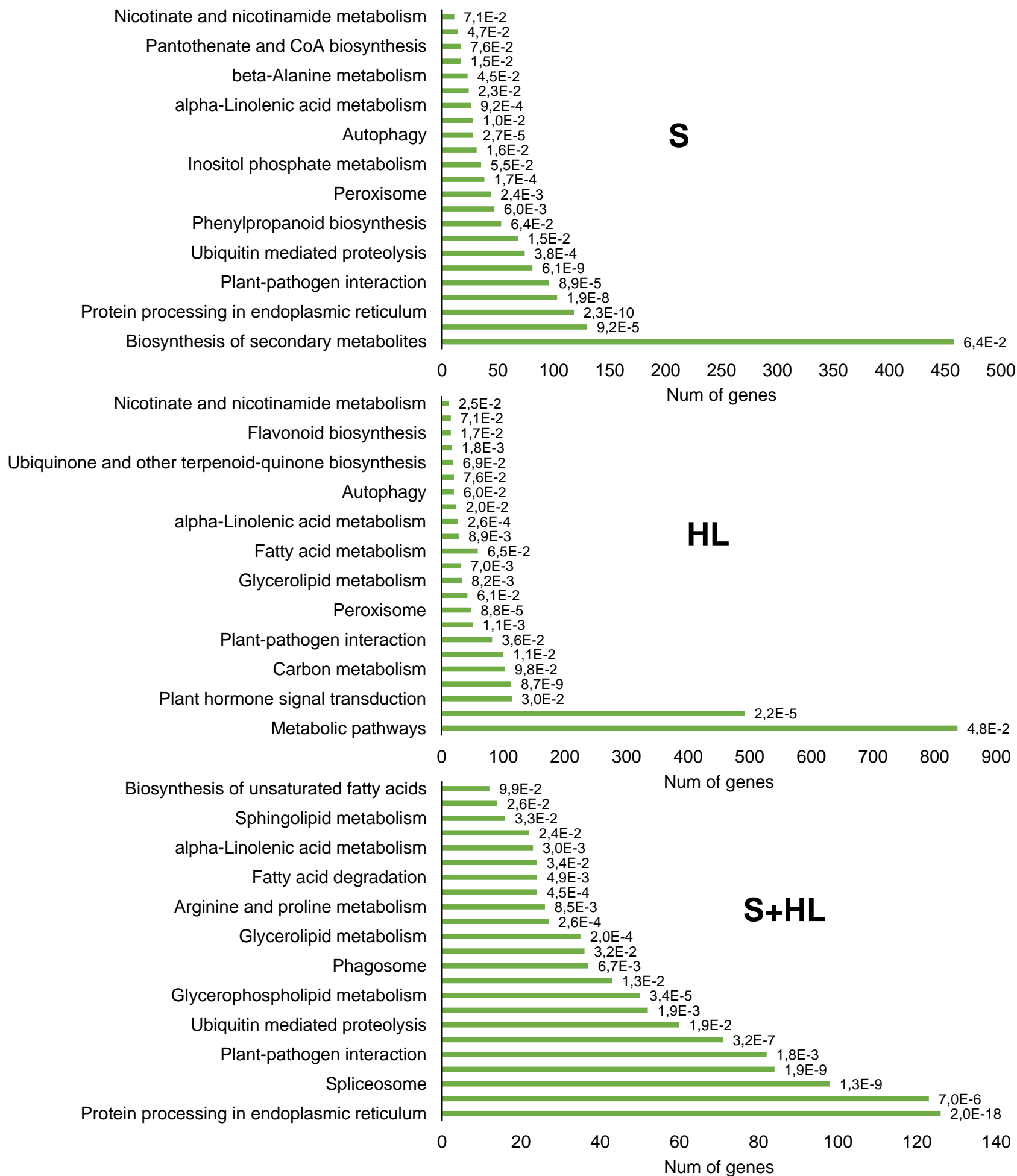


Fig. S3. Pathway analysis of transcripts upregulated in response to S, HL, and S+HL using Arabidopsis Col seedlings. Transcriptomic data was obtained from [13]. Numbers in bars depict p-value. HL, increased irradiance; S, high salinity; S+HL, a combination of high salinity and increased irradiance.