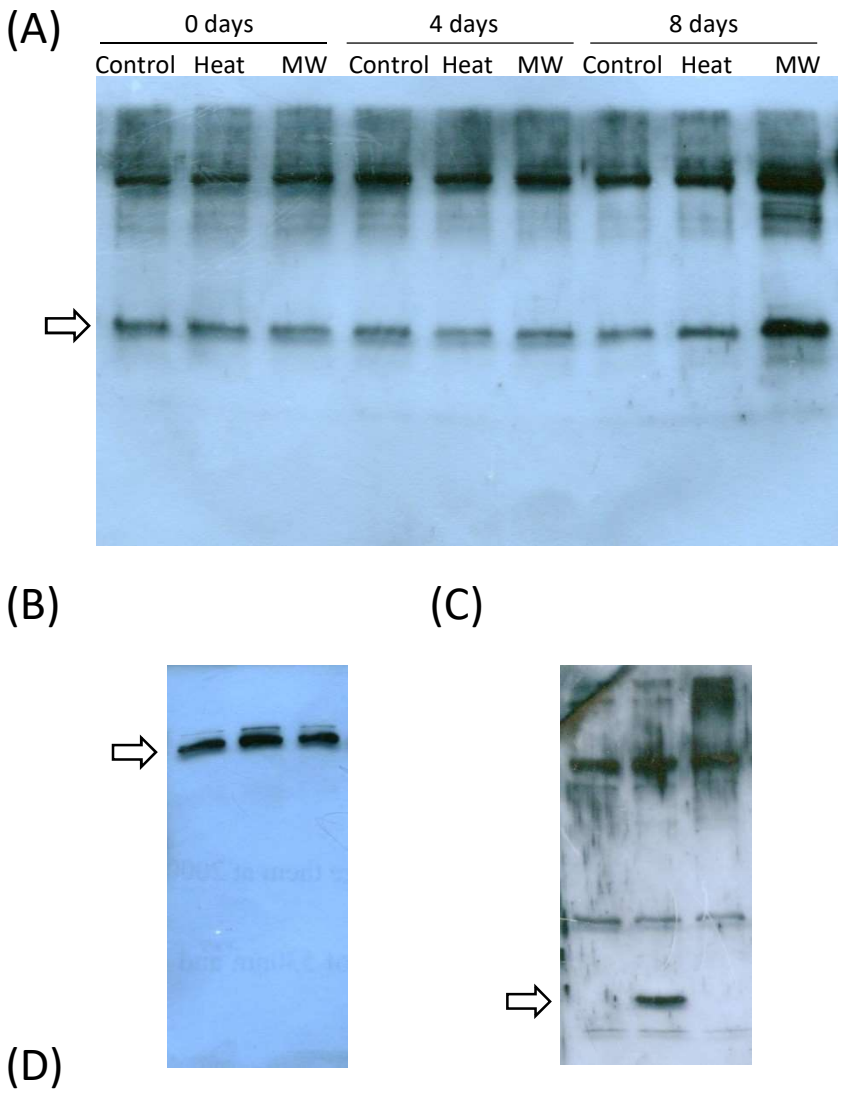
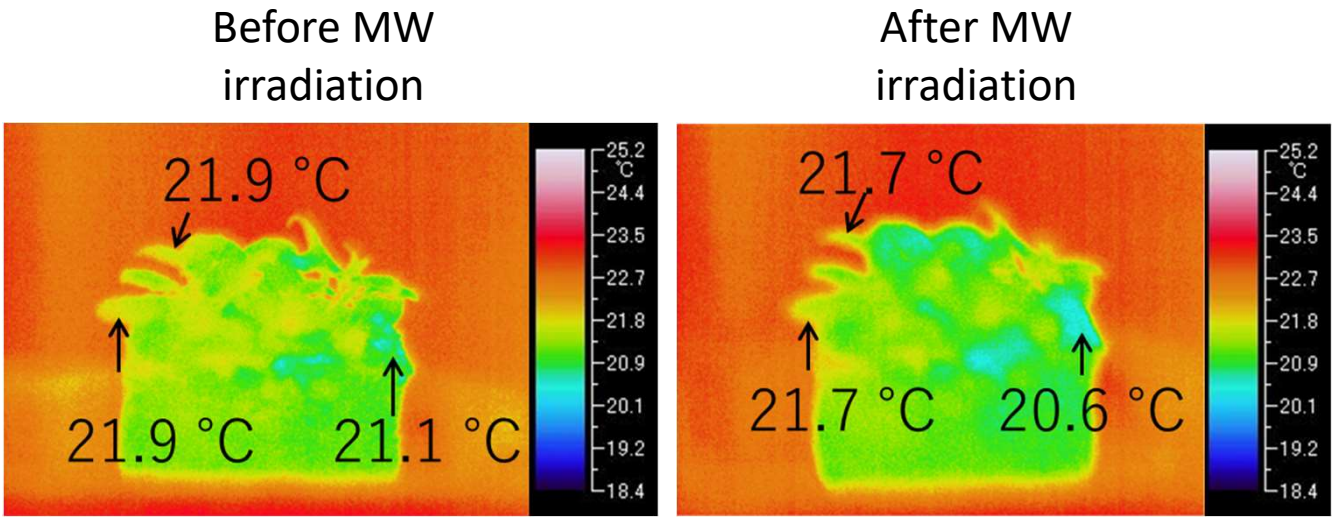
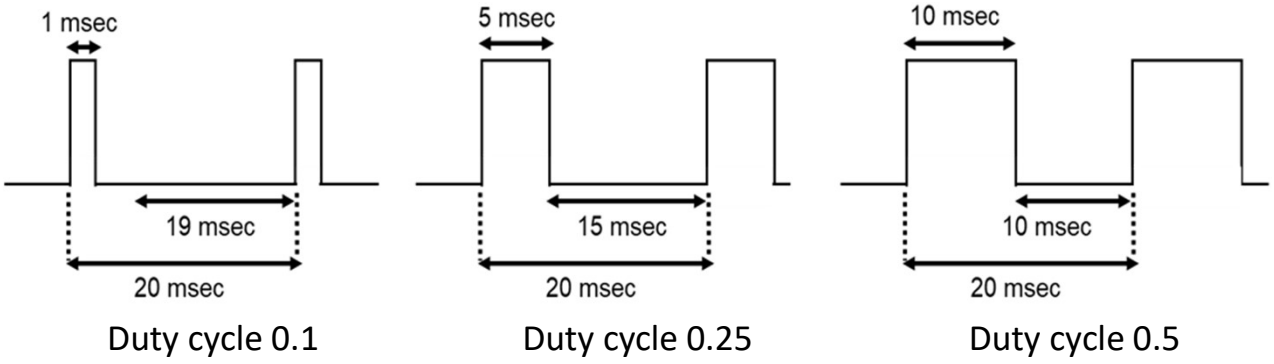


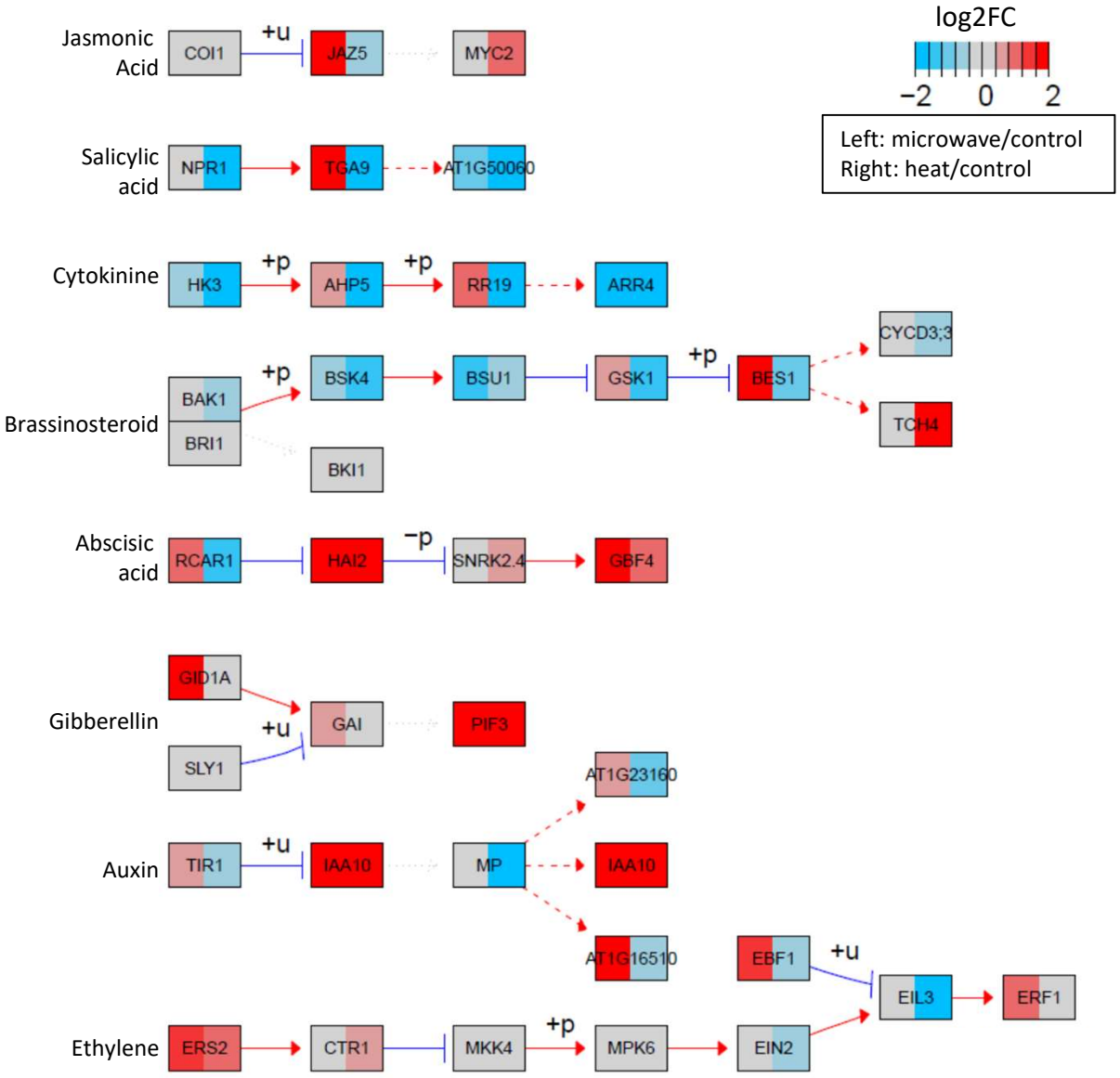
Supplemental Fig.1 Full-length image of western blot analyses and Coomassie Brilliant Blue (CBB)-stained gel. (A) FT, (B) HSP70, (C) MBF1c and (D) CBB gel staining. Arrows indicate the target proteins. For the analyses of HSP70 and MBF1c, Control, Heat and MW samples at 0 days were used. The lane of the size maker was not included during scanning of western blotting image.



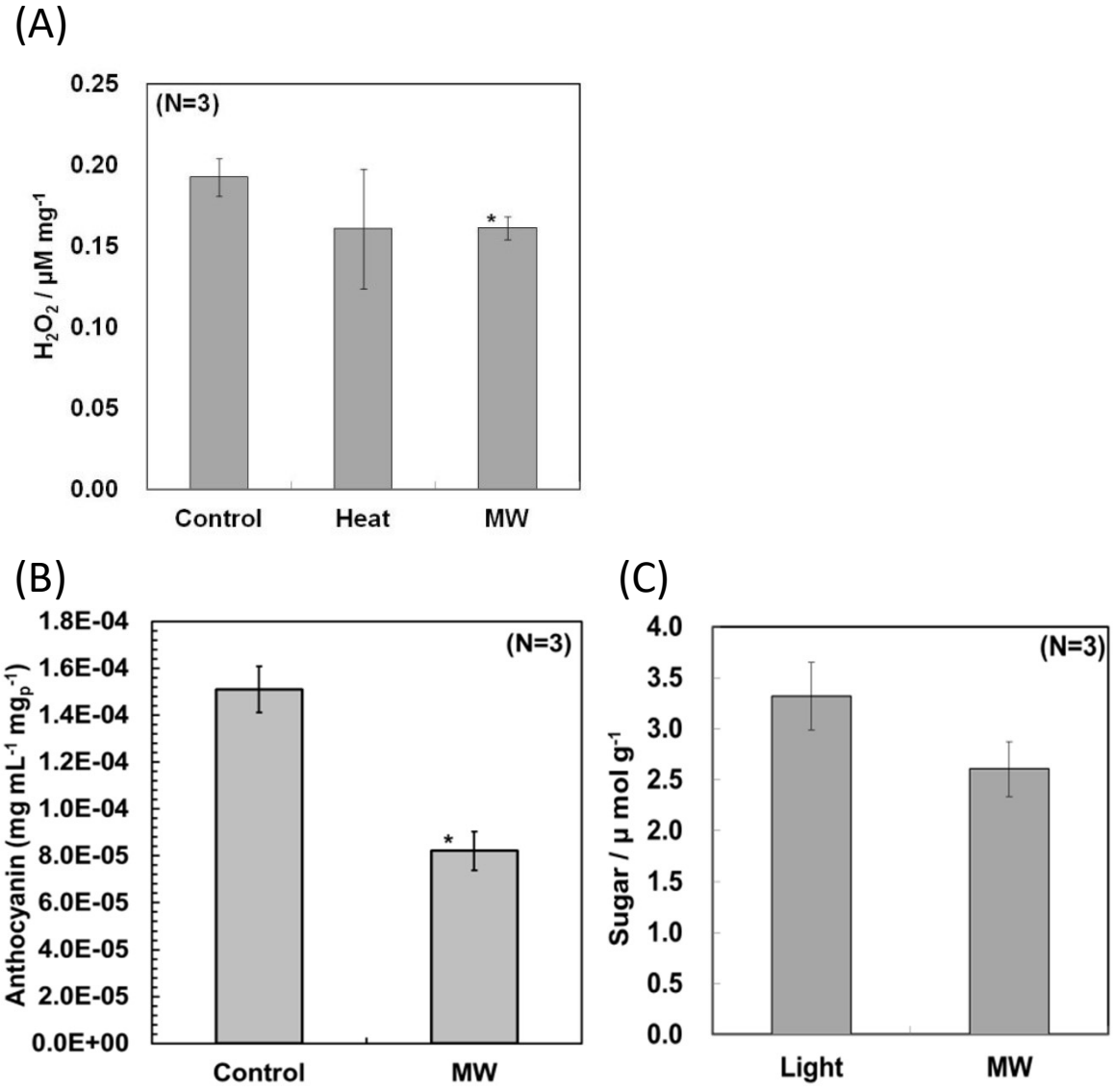
Supplemental Fig.2 Image of thermal camera indicating the temperature of plants during MW irradiation.



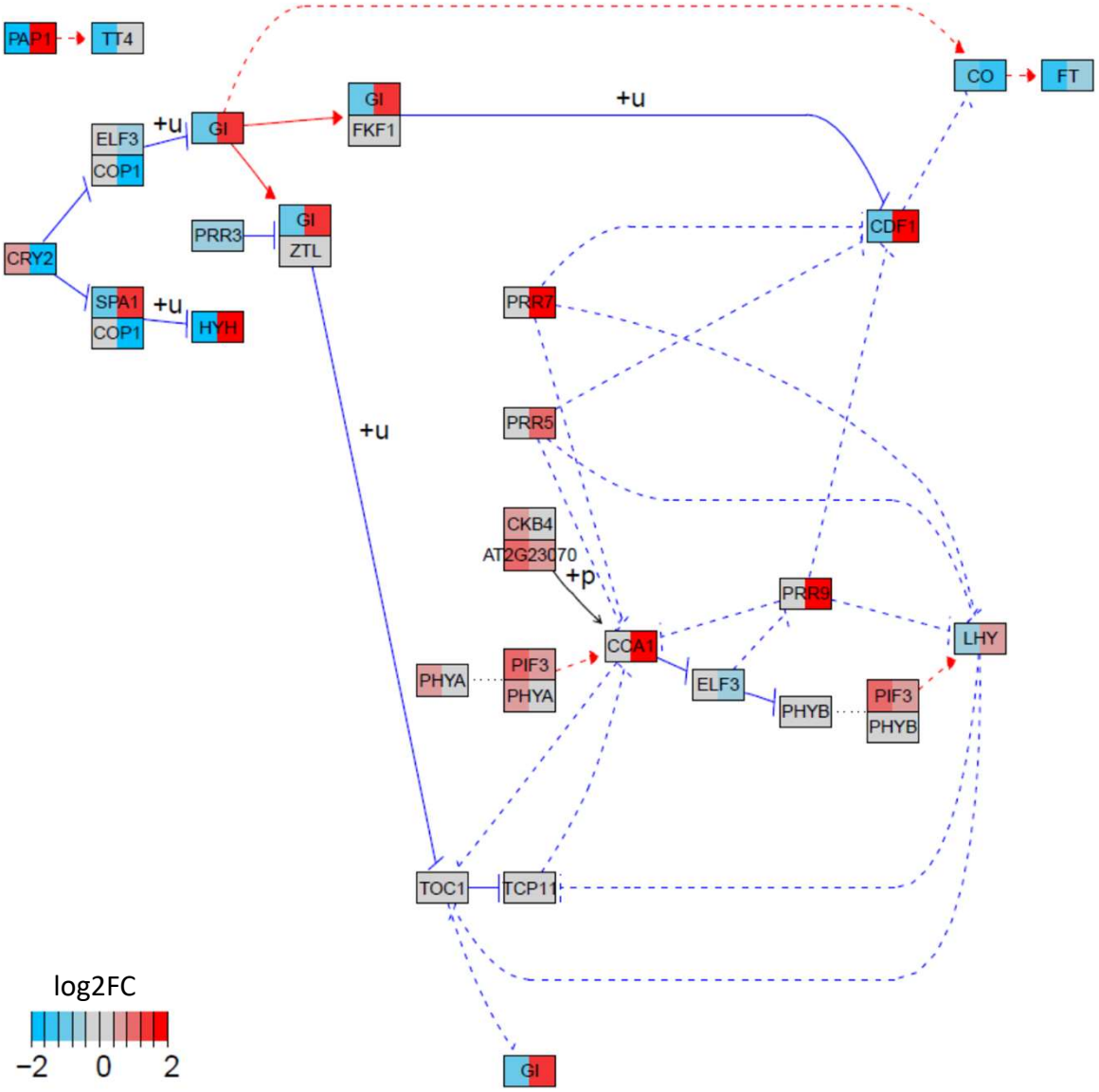
Supplemental Fig.3 Duty cycle of pulse MW irradiated on plants.



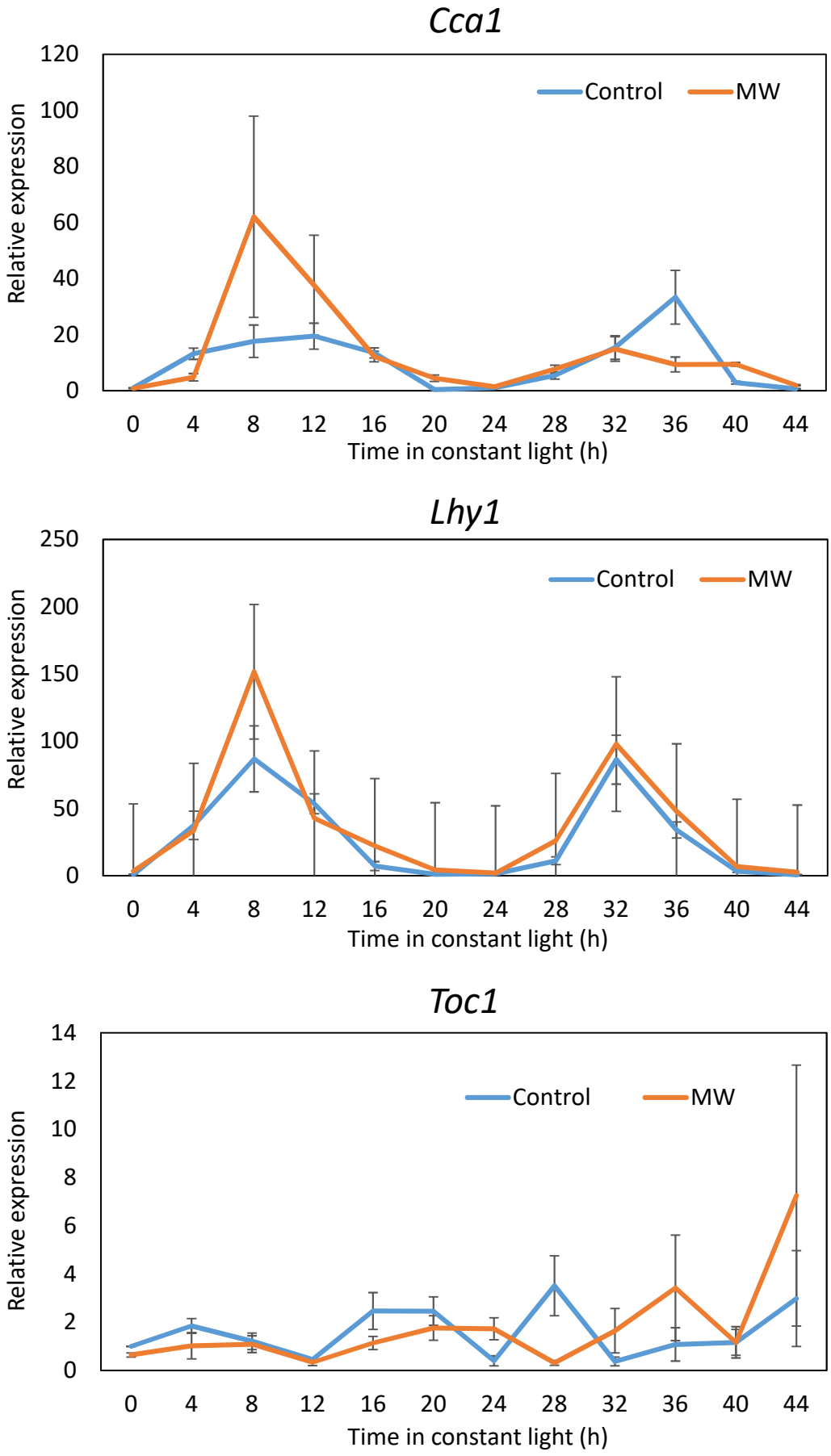
Supplemental Fig.4 Hormone signaling pathways associated with the transcripts significantly up- or down-regulated in response to MW irradiation or sub-lethal heat stress, respectively.



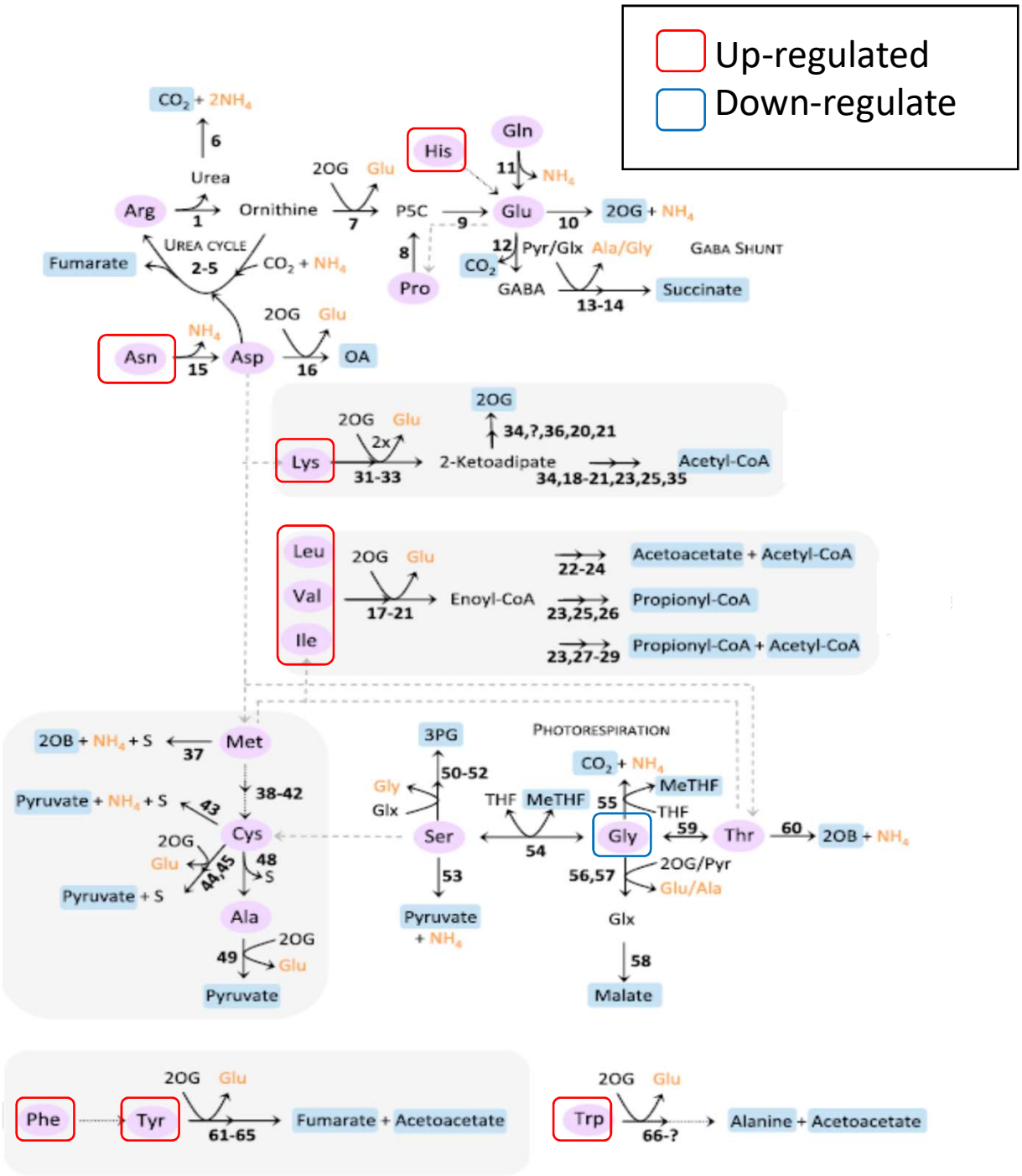
Supplemental Fig.5 Accumulations of H_2O_2 (A), anthocyanin (B) and total soluble sugar (C) in plants exposed to MW irradiation or sub-lethal heat stress.



Supplemental Fig.6 The circadian clock associated with the transcripts significantly up- or down-regulated in response to sub-lethal heat stress or MW irradiation, respectively.



Supplemental Fig.7 Expression of transcripts involved in the regulation of the circadian clock (n=4-5).



Hildebrandt et al. 2015
https://doi.org/10.1016/j.molp.2015.09.005

Supplemental Fig.8 Pathways associated with the amino acids significantly increased or decreased in response to MW irradiation. The pathway was obtained from a previous study (Hildebrandt et al., 2015).