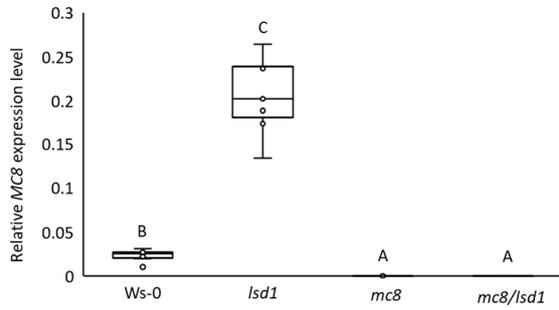
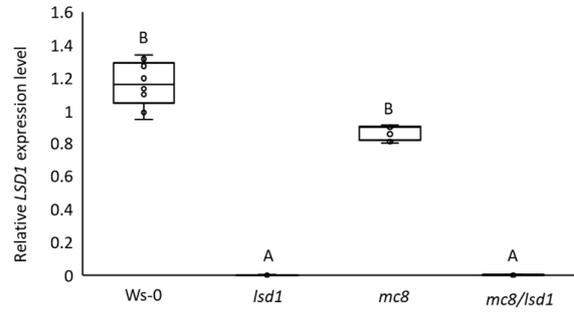


## Supplementary figure and table

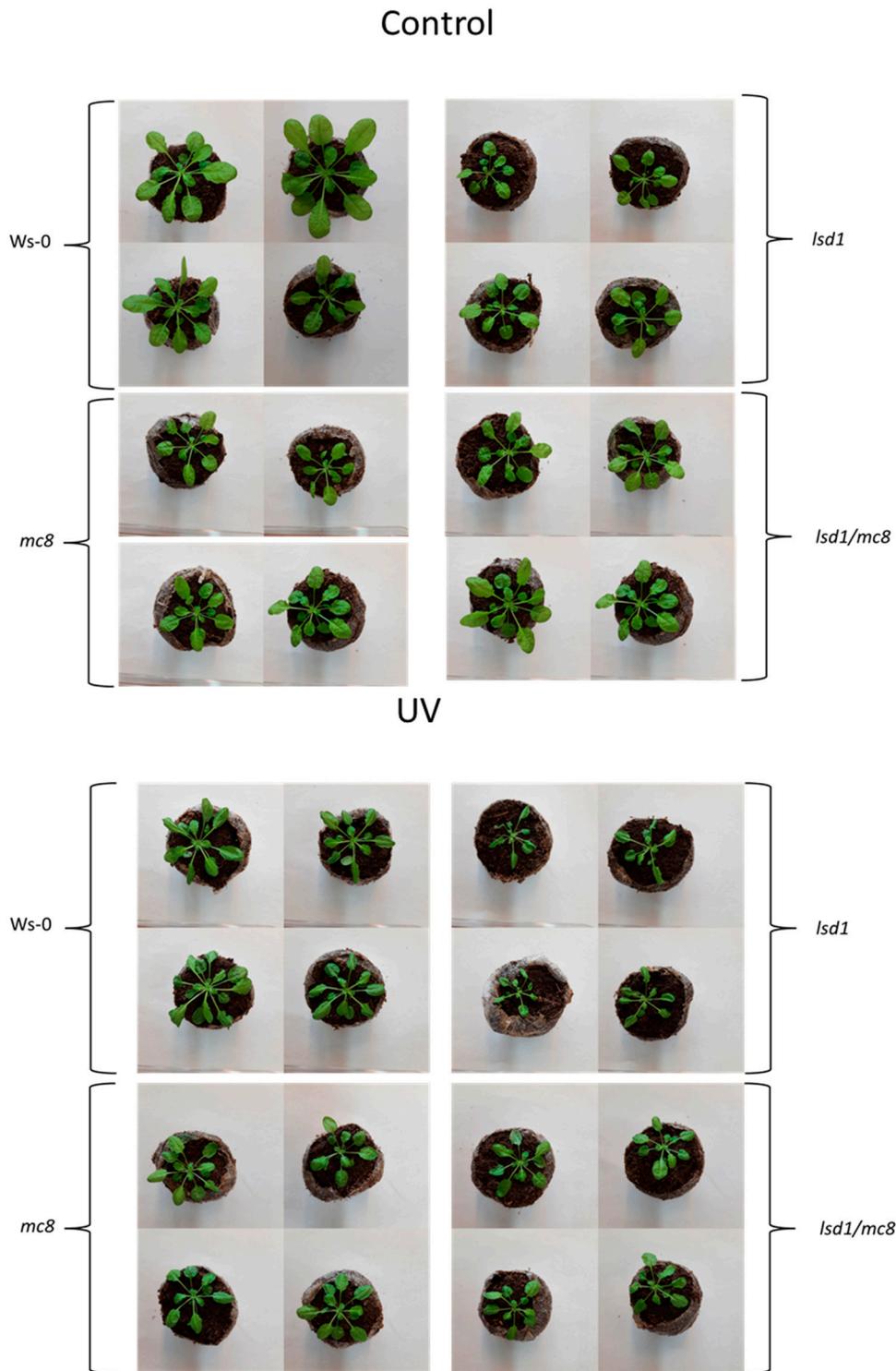
A



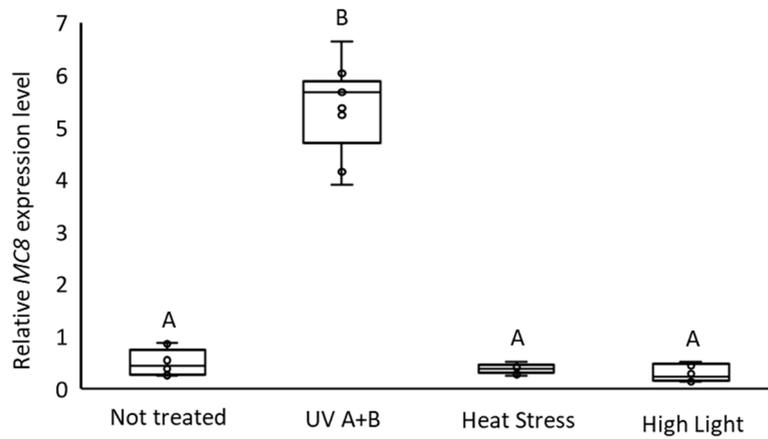
B



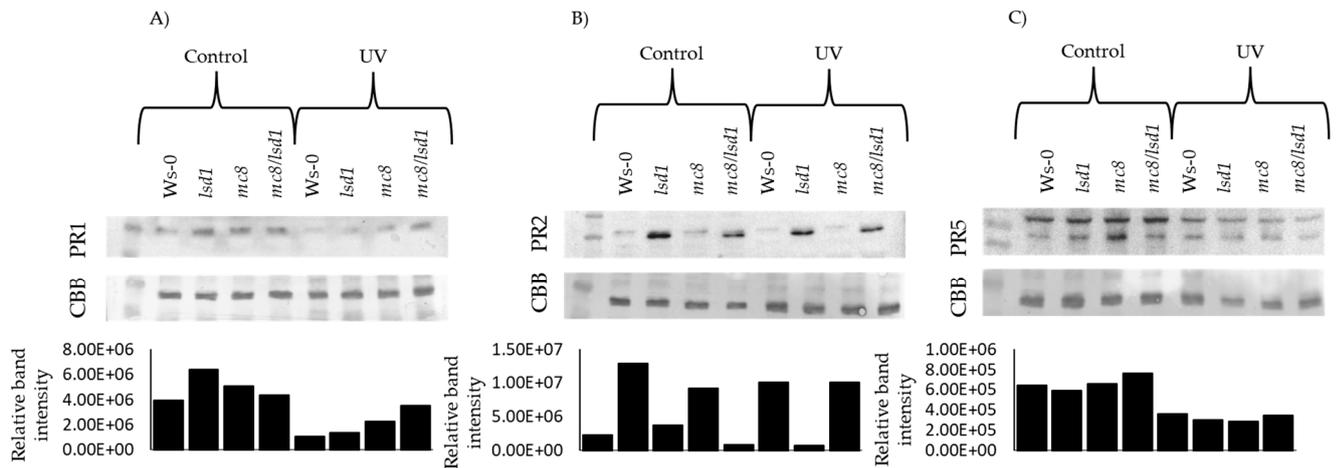
**Figure supplementary S1.** *MC8* (A) and *LSD1* (B)- relative expression in mutant tested during this study. Within a subgraph, values sharing common letters are not significantly different from each other ( $p > 0.001$ ) ( $n = 9$ ).



**Figure supplementary S2.** Plants morphology in tested mutants before (top) and after (bottom) UV irradiation.



**Figure supplementary S3.** Expression of *AtMC8* under the influence of selected abiotic stresses. Within a subgraph, values sharing common labels (letters) are not significantly different from each other ( $p > 0.001$ ) ( $n = 8-12$ ).



**Figure supplementary S4.** PR-proteins are degraded in response to UV irradiation. Western blot analysis of (A) PR1, (B) PR2 and (C) PR5 proteins in all tested genotypes in control condition and 24 h after UV irradiation. As loading controls CBB staining was used.

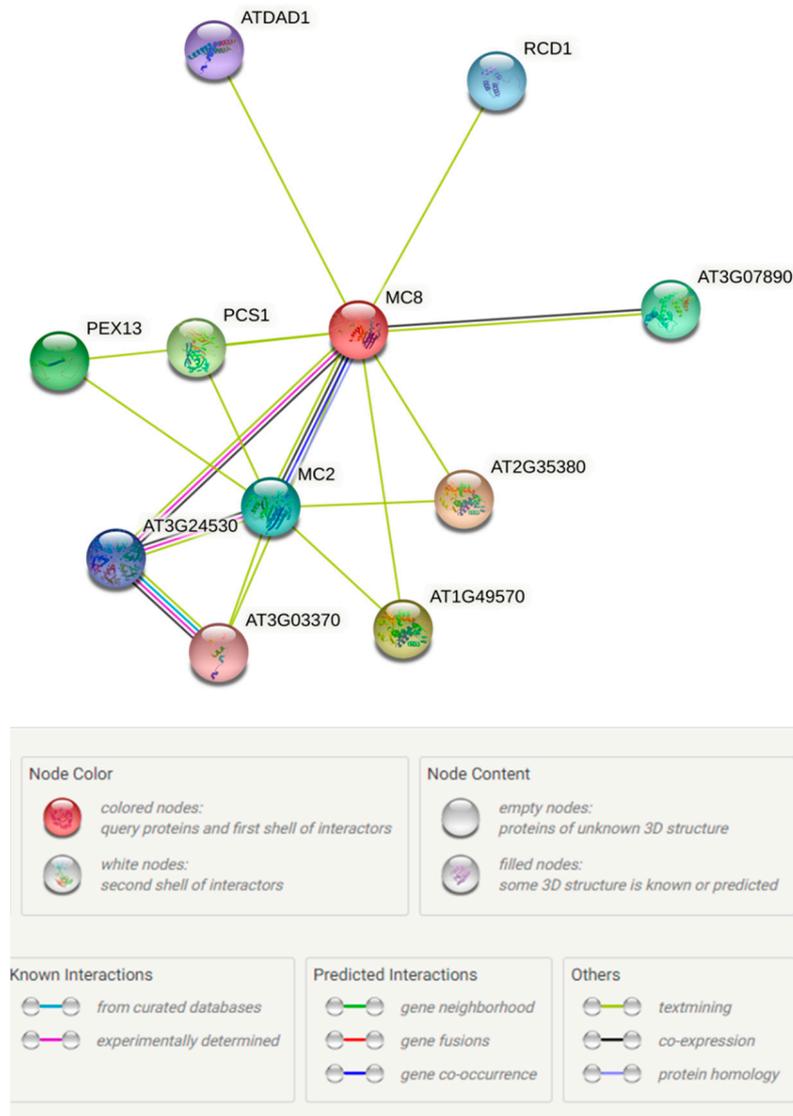


Figure supplementary S5. Predicted METACASPASE 8 interaction using STRING (string-db.org)

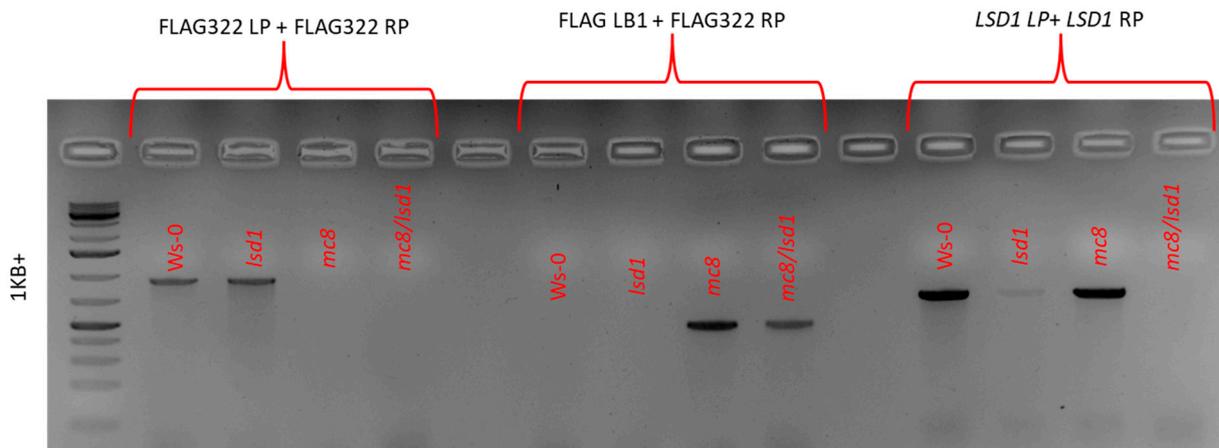


Figure supplementary S6. Genotyping of mutants used in this study.