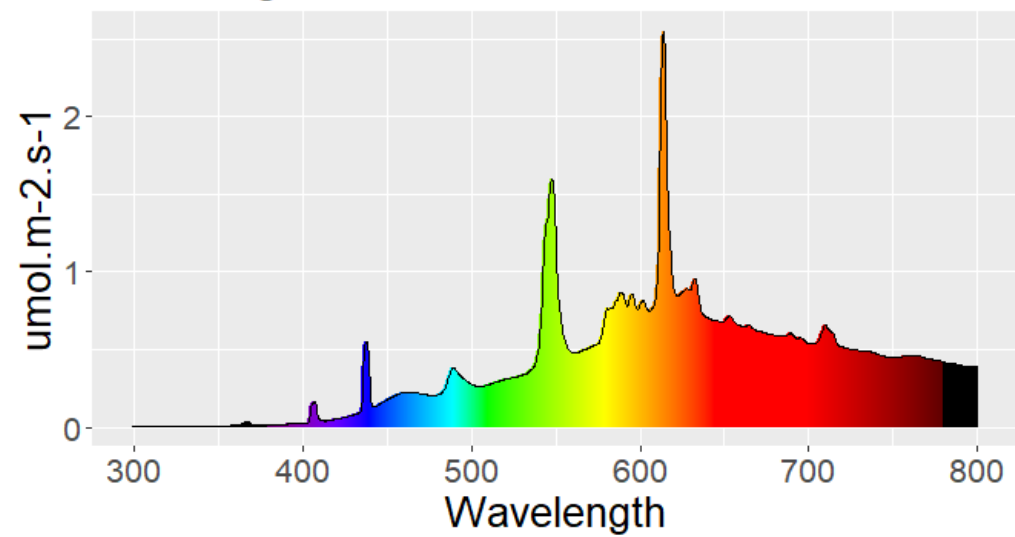
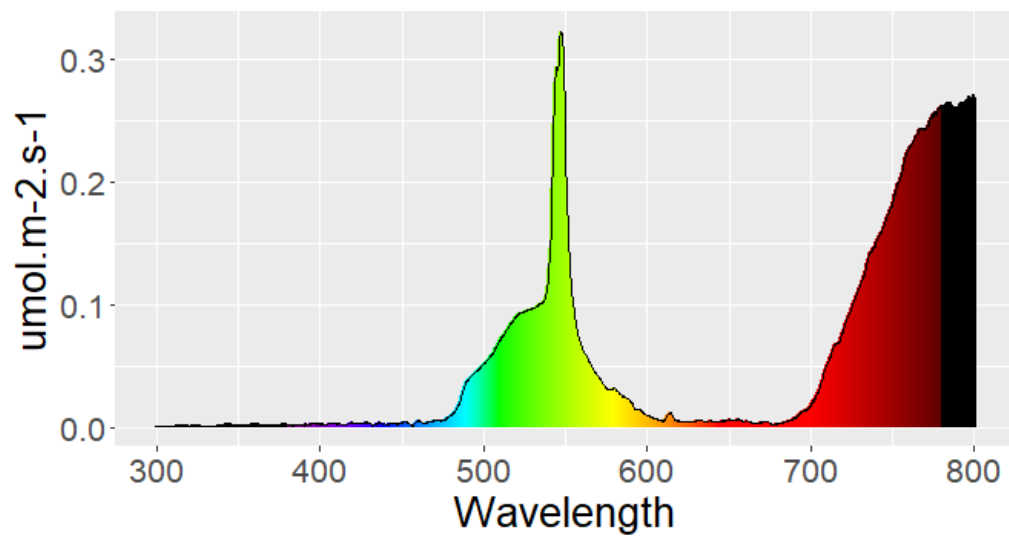


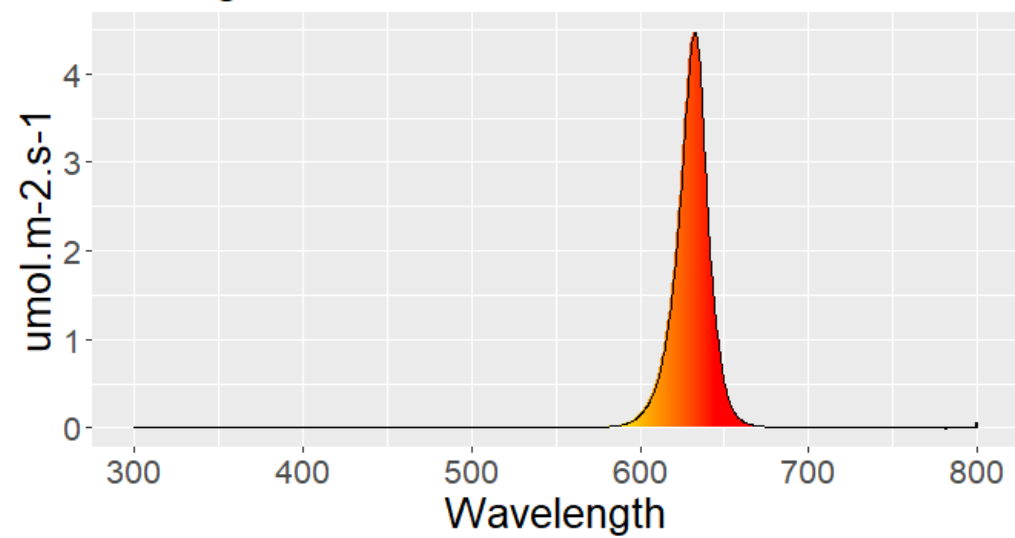
**A** White light



**B** Shade



**C** Red light



**D** Far Red light

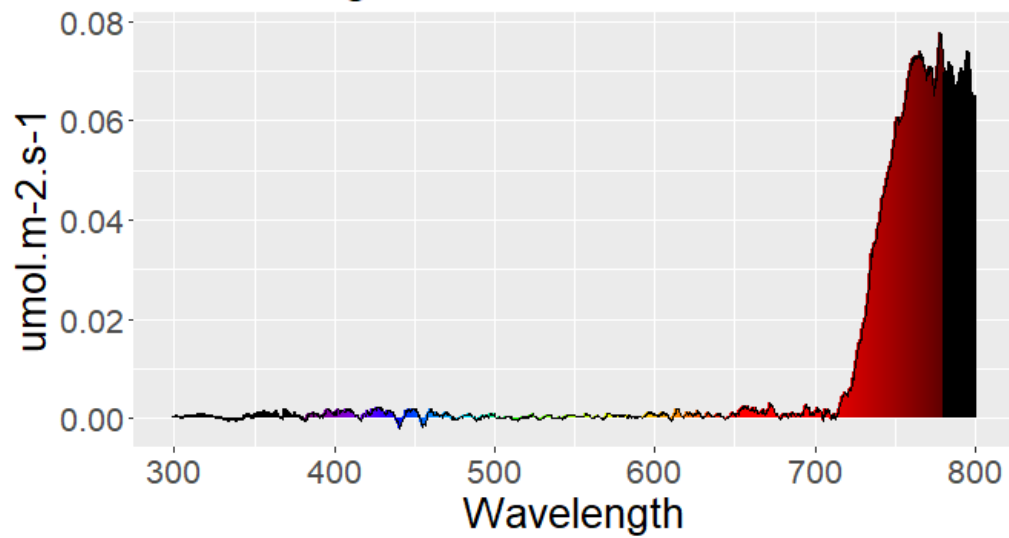
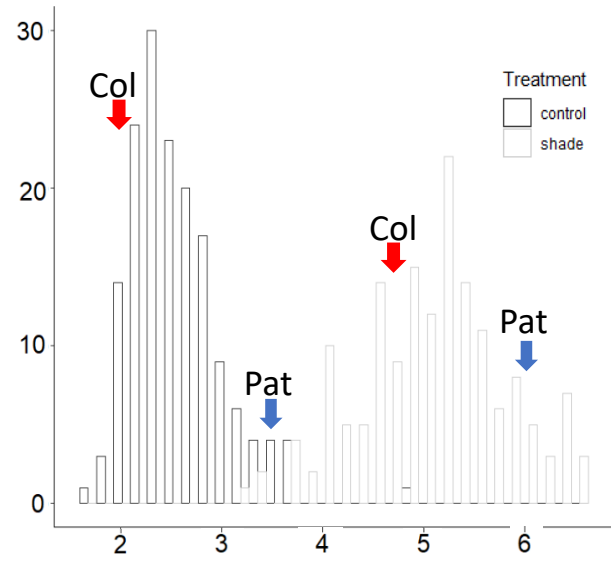


Figure S1.

### A. WL and shade



### B. Shade avoidance response (SAR index= Shade/WL)

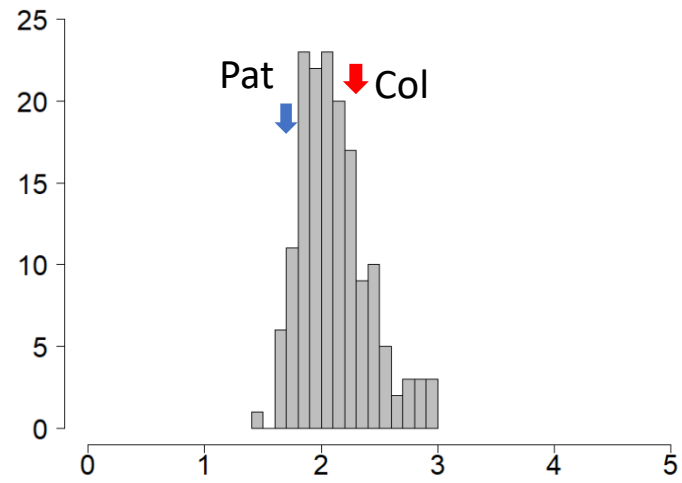


Figure S2.

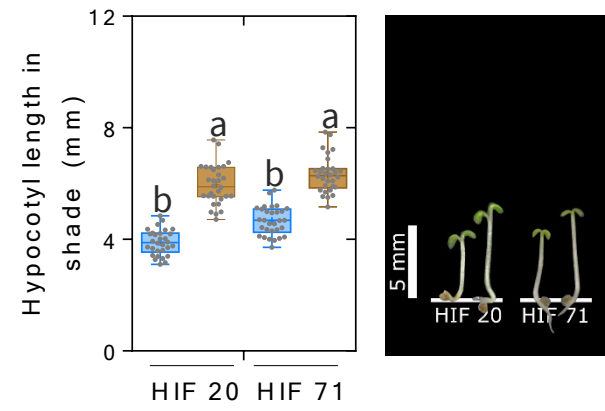


Figure S3.

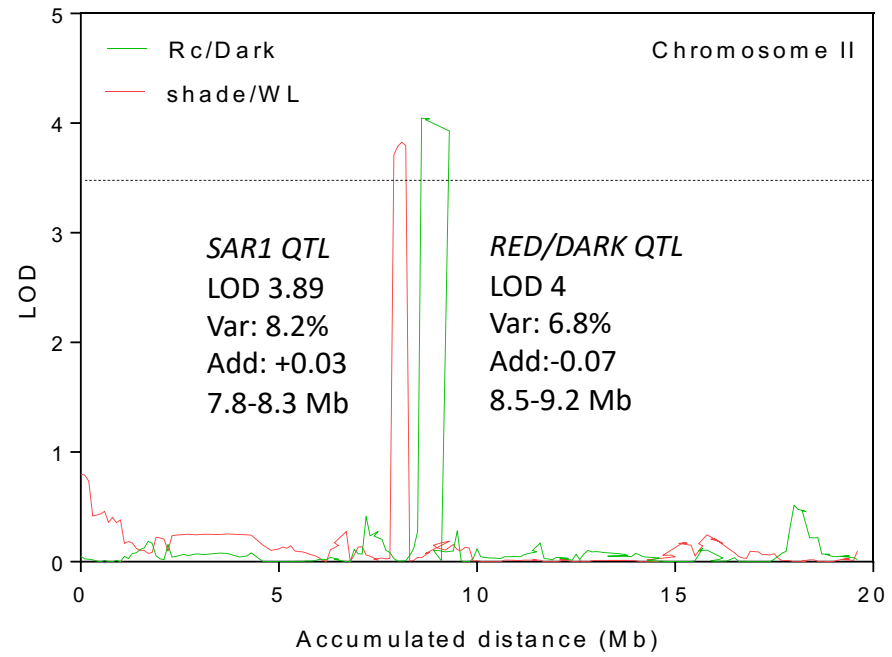


Figure S4.

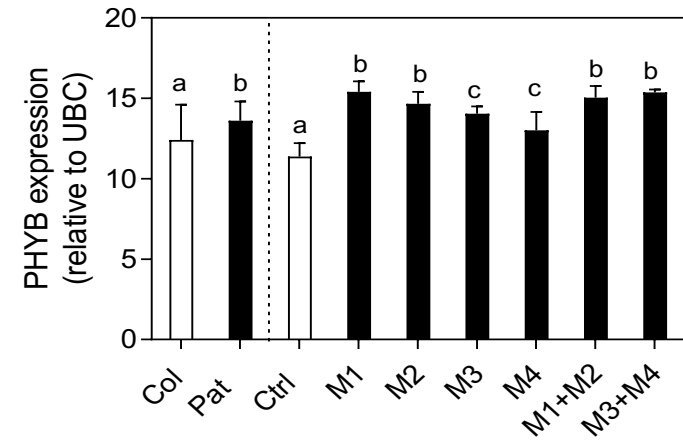
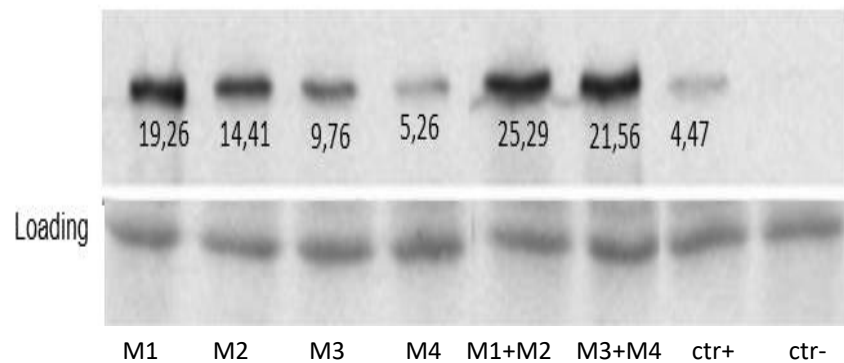
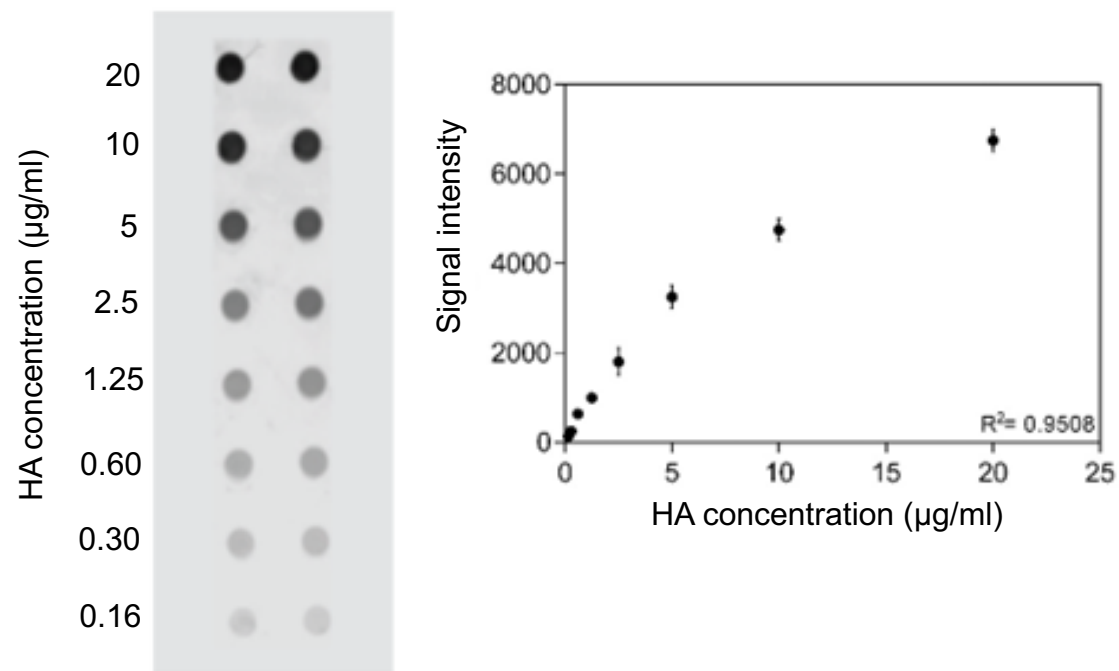


Figure S5.

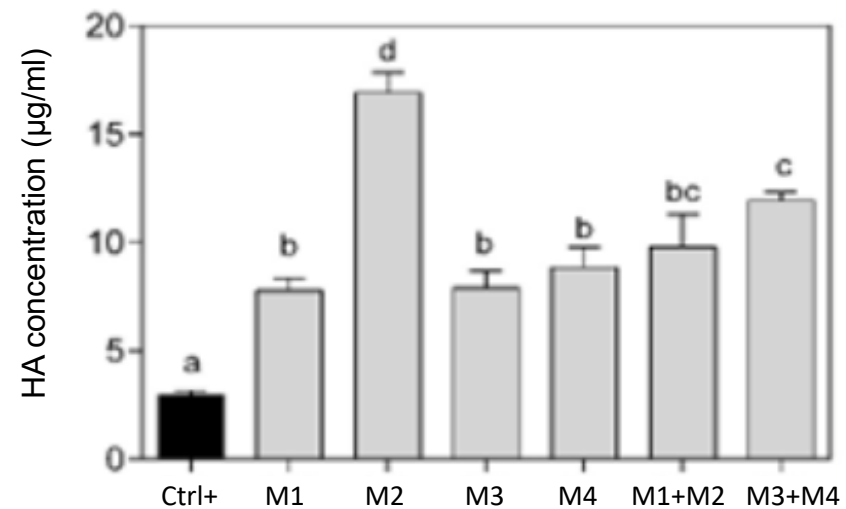
A



B



C



D

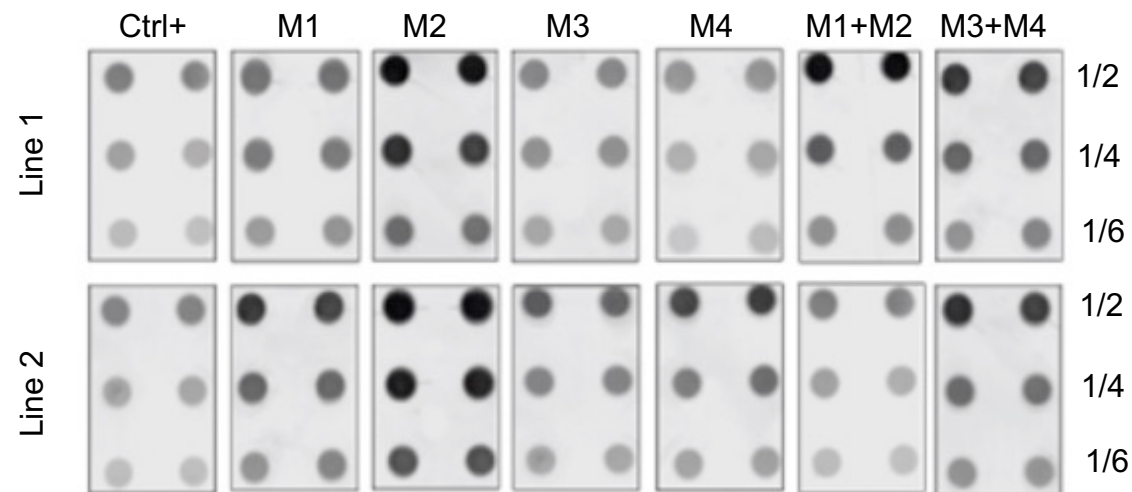
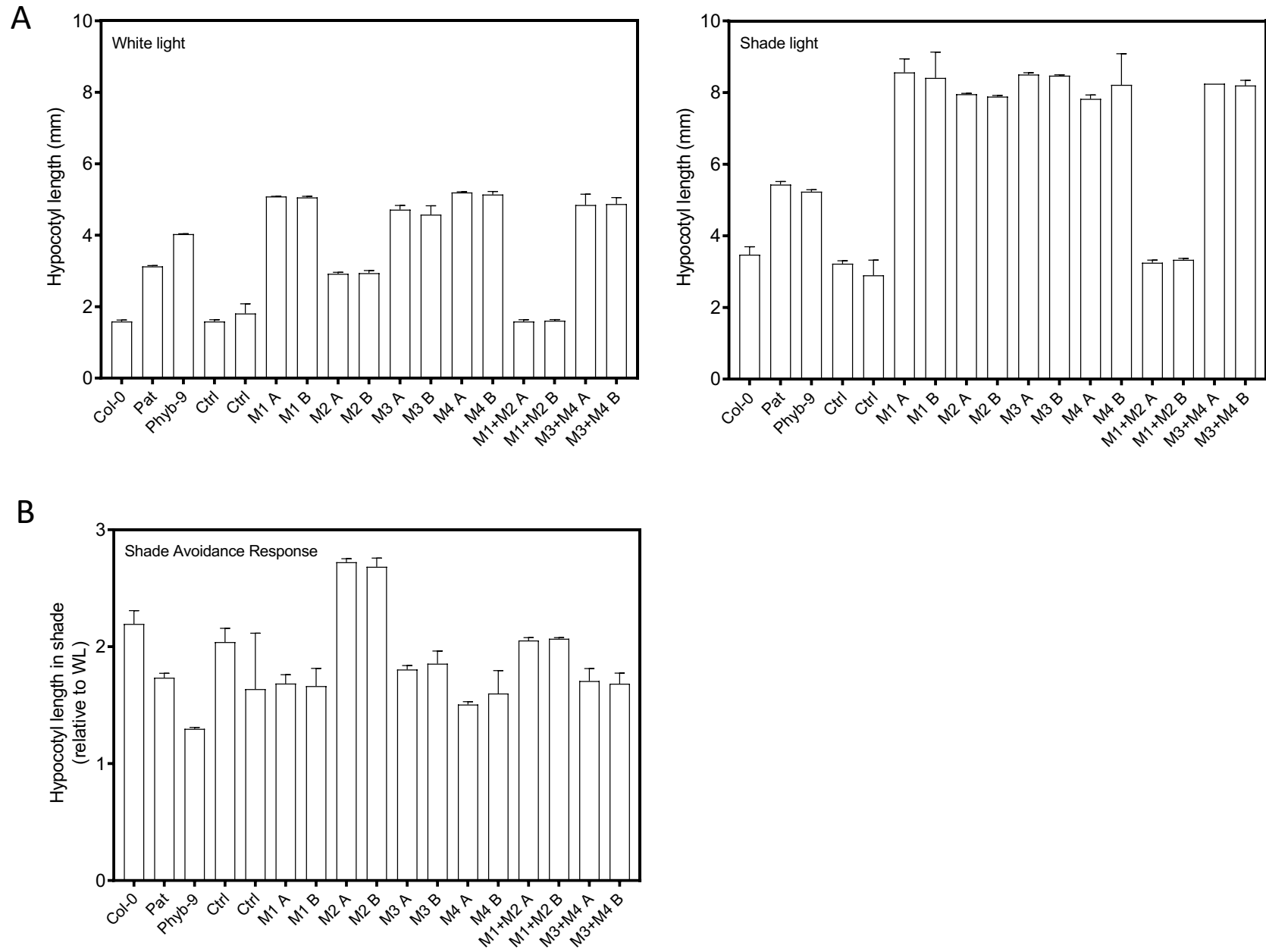
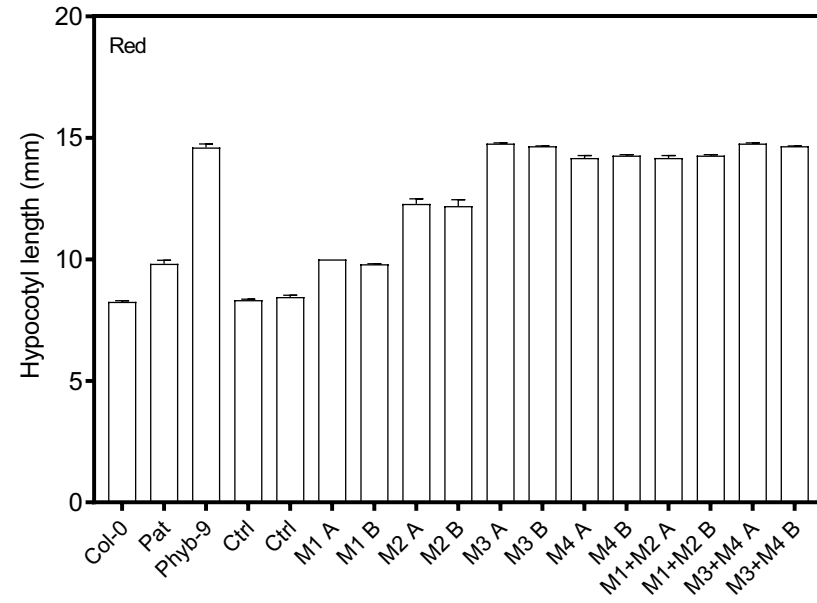
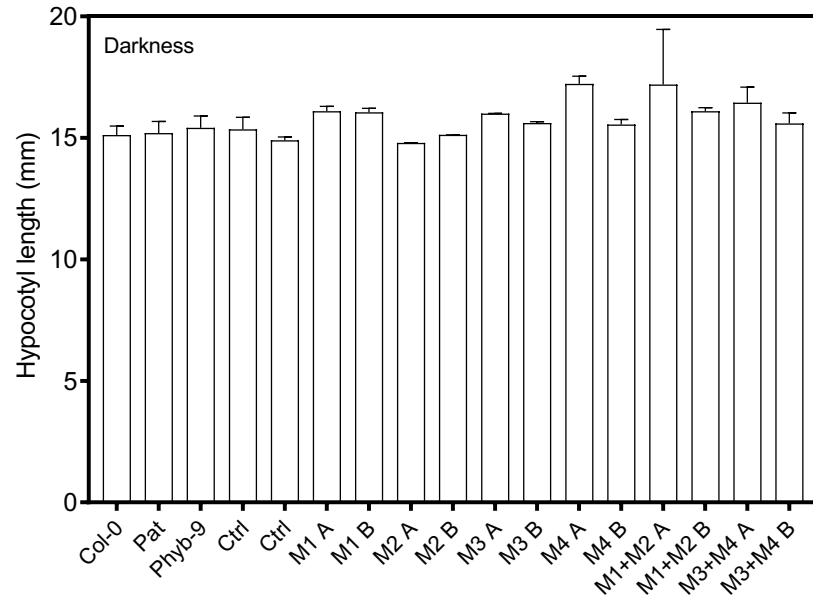


Figure S6.



**Figure S7.**

A



B

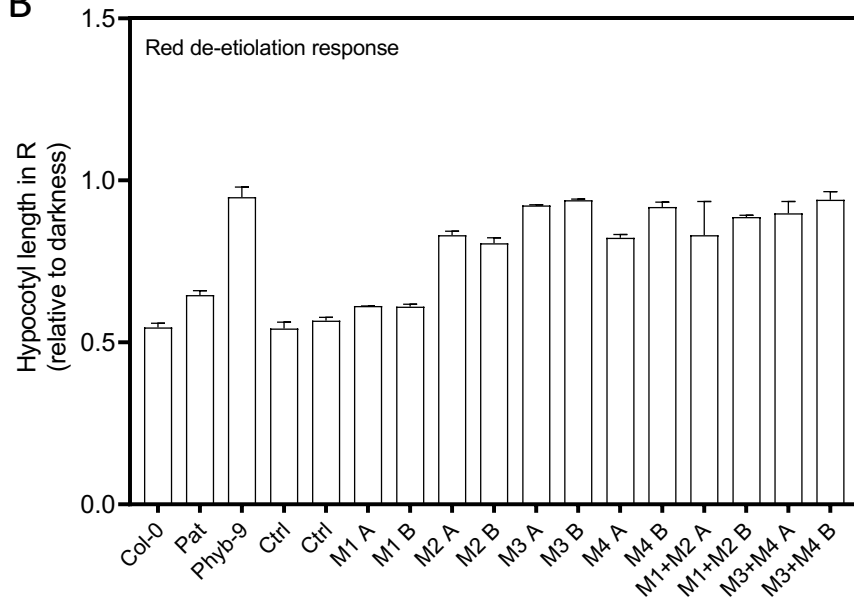


Figure S8.

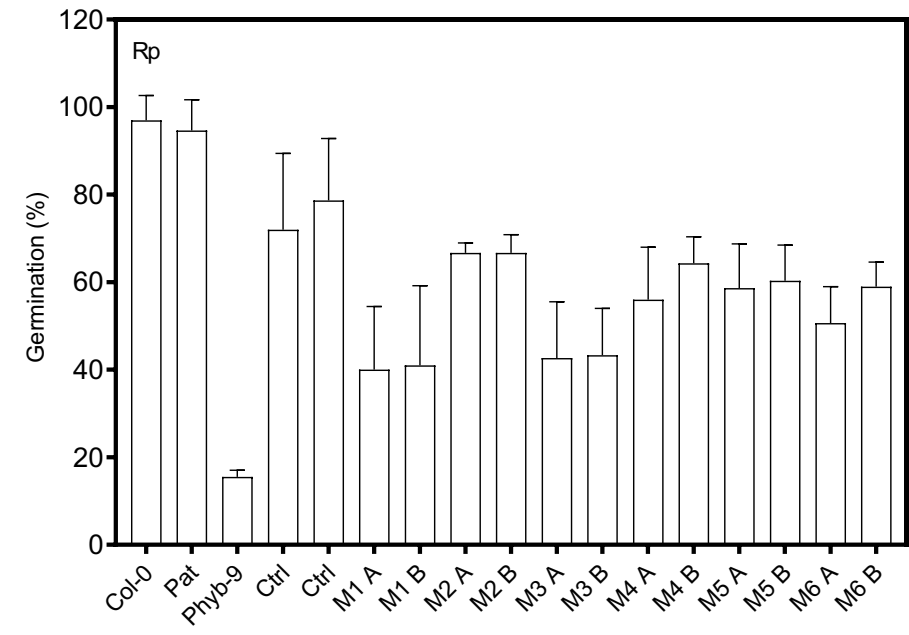
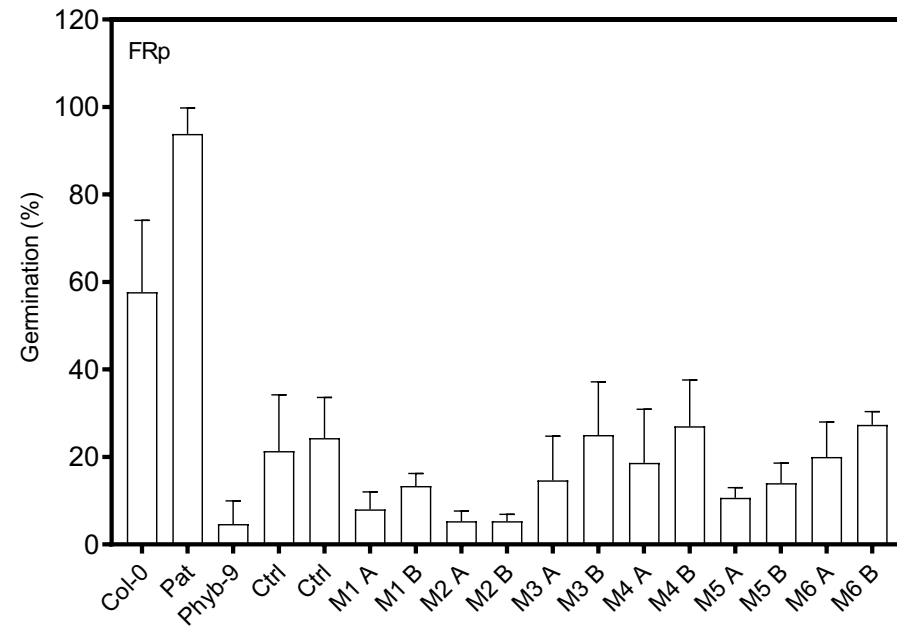


Figure S9.