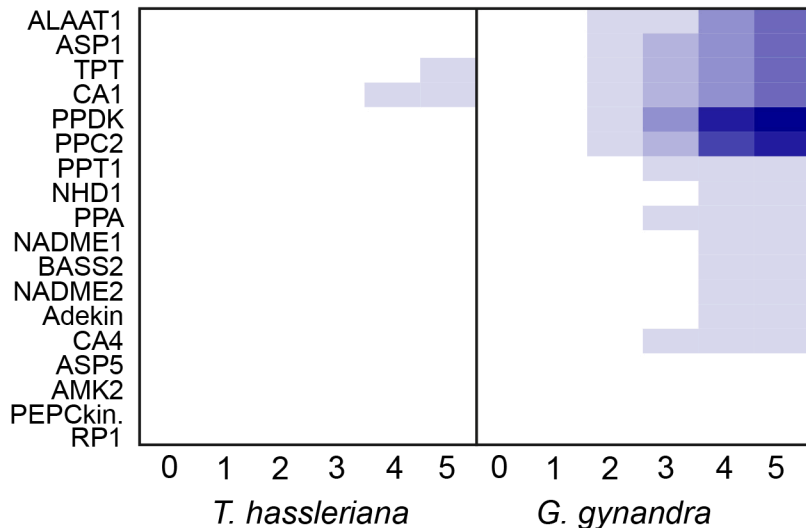
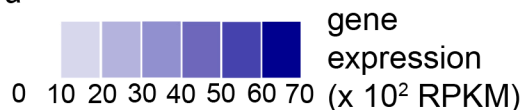
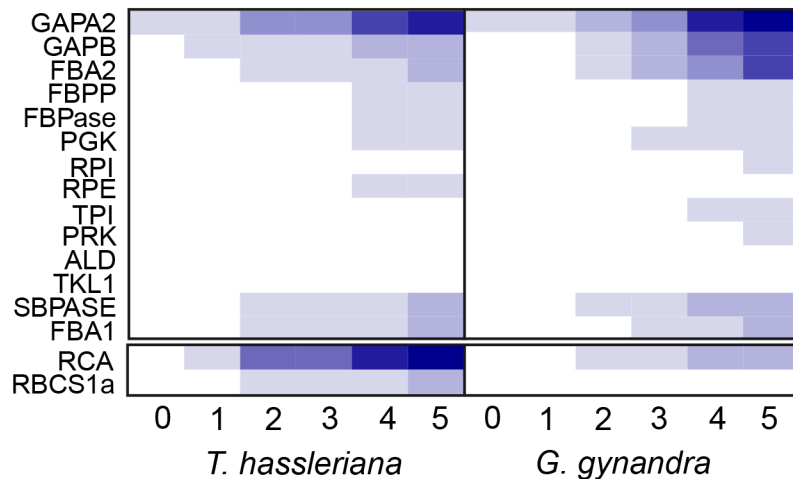


A. C₄ cycle genes**B. Calvin-Benson cycle genes**

Supplementary Fig. 1. Gene expression profiles in leaf gradient of *T. hassleriana* and *G. gynandra* for (A) C₄ cycle genes and (B) the Calvin Benson cycle. Expression values were extracted from K \ddot{u} lahoglu et al. (K \ddot{u} lahoglu et al., 2014) and expressed in reads per kilobase per million mapped reads (RPKM). Stages 0 to 5 represent leaf stage at different age, from the younger to the older. For the EISA analysis, only the extreme stages 0 and 5 of the gradient were taken into consideration.