



**S3 Figure. Absorption spectra of methanolic leaf extracts.** Aqueous HCl-MeOH extracts of greenhouse-grown Bracken (black lines) and Setaria (gray lines) without (broken lines) and with supplementary UV radiation (solid lines) were prepared and monitored with a UV/VIS spectrophotometer. Leaves of 3 experimental plants were ground in liquid nitrogen and extracted with 1 ml of MeOH:conc. HCl:H<sub>2</sub>O (90:1:1) (extraction medium per 0.1 g fresh weight). The samples were vortexed three times for 10 s in low light. The samples were then centrifuged for 5 min at 800 xg. The supernatants were collected and diluted (1:100) with the same solvent.