

P011 Analysis of plant plasticity to UV-B radiation using the novel approach of metabolomic fingerprinting

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Enhanced UV-B radiation elicits specialised phenotypic responses in *Arabidopsis thaliana*. These have been characterised using a metabolomic analysis approach, alongside physiological and morphological observations. Results show evidence of plant acclimation to UV stress, how this is influenced by genotype and how metabolomic analyses show changes in *in vivo* metabolite composition.