



**Supplementary Figure S9. Identification of differentially expressed genes in *rev5*, *wox4* and *wox4 rev5* mutant plants.**

**(A)** top: Volcano plot showing differentially expressed genes in *rev5* compared to the Col-0 wild type. Bottom: gene ontology analysis using the agrigo tool showing that genes related to secondary metabolism and stress responses are over-represented.

**(B)** Volcano plot of *wox4* mutants compared to wild type; no GO enrichment was observed.

**(C)** Venn diagram showing the overlap of the transcriptome analysis ( $\log_2FC > +1/-1$ ; BH-adj p-value  $< 0.001$ ).