

Key Components of Different Plant Defense Pathways Are Dispensable for Powdery Mildew Resistance of the Arabidopsis *mlo2 mlo6 mlo12* Triple Mutant

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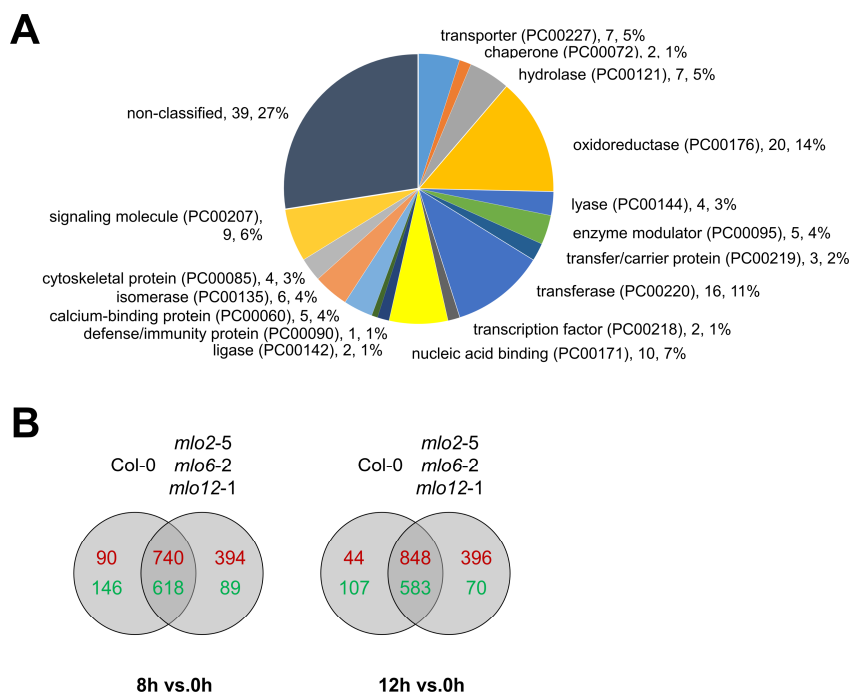


Figure S2. *mlo2 mlo6 mlo12* contributes to accelerated transcript accumulation during *G. orontii* infection. 4-5-week-old *mlo2-5 mlo6-2 mlo12-1* and Col-0 plants were inoculated with *G. orontii* and sampled prior to inoculation (0 h, non-challenged) or at 8 and 12 hpi for comparative transcriptome analysis using the Affymetrix ATH1 GeneChip. All samples were analyzed in triplicates. (A) Functional classification of genes upregulated in *mlo2 mlo6 mlo2* vs Col-0. after *G. orontii* inoculation based on PANTHER protein classes. (B) Venn diagrams displaying the number of genes with statistically significantly ($P \leq 0.05$) increased (≥ 2 -fold; red) or decreased (≤ 0.5 -fold; green) transcript abundance at 8 hpi (left) or 12 hpi (right) vs. 0 h in *mlo2 mlo6 mlo12* in comparison with Col-0.