



Supplementary Figure S4. Three types of DEGs were manually classified based on their possible roles in the *NPR1*-mediated AR. DEGs were identified by DESeq2 ($q\text{-value} < 0.05$ and $|\log_2\text{foldchange}| > 1$, with gene annotation). Type I DEGs were designated from significantly upregulated genes from comparisons “OE_PST vs OE_CK” and “OE_PST vs WT_PST”. Type II DEGs were designated from significantly upregulated genes from comparisons “Kd_PST vs Kd_CK” and “Kd_PST vs WT_PST”. A third group of Type III DEGs were shared DEGs from Type I and Type II groups. CK, water infiltration control; PST, *P. syringae* DC3000 infiltration; OE, wNPR1-OE transgenic line; Kd, HvNPR1-Kd transgenic line.