



**Supplemental Fig. S7. Hierarchical clustering analysis (HCA) of metabolic markers detected by UPLC-qTOF-MS<sup>E</sup>** Dendograms were realized in SIMCA (v 13.0.3). Distances (y axis) were calculated by Single linkage and trees sorted by size. The treatments ( $n = 4$ ) correspond to those described in Fig. 6. Colored bars indicate the type of defense-eliciting conditions (red, NAD<sup>+</sup>; blue, PAMPs; green, DAMPs; purple, hormones). ATP: adenosine triphosphate; ESI: electrospray ionization; Flg: flagellin; JA: jasmonic acid; NAD: nicotinamide adenine dinucleotide; SA: salicylic acid.