



- AA
- AO
- SS
- O

○ $P < 0.05$

Pinus.pinea
Pinus.pin.aster
Pinus.radiata

Figure S1 | Heatmap of primary metabolite changes occurring in *Pinus* inoculated with *F. circinatum* with respect to their non-inoculated controls when 50% of the inoculated plants of each species expressed disease symptoms. Relative values are normalized to the internal standard (ribitol) and dry weight (DW) of the samples. Values are presented as means \pm SE of six independent measurements. Significant changes using Student's *t* test are indicated as $\circ P < 0.05$, with respect to controls. False-colour imaging was performed on \log_{10} -transformed GC-TOF-MS data. Metabolites are grouped in sugars & sugar alcohols (SS), amino acids & derivatives (AA), organic acids (OA) and others (O).