



Supplementary Figure 5. Metabolites (**A**) and proteins (**B**) susceptibilities to N deficiency significantly modified in the hybrids belonging to cluster C4 previously identify following HCA analysis (see Figure 5). A one-way ANOVA ($P < 0.01$) analysis was performed with: $n = 9$ hybrids belonging to cluster C4 and all the other 20 hybrids grouped as others.