



**Supplementary Figure S3:** Metabolites directly correlated with aerial biomass in the normal sowing or early sowing condition in Figures 4A or 4B networks. Biomass-metabolite biplots for the genotype lsmeans. Genotypes are colored according to their group (European, green; lodent, purple; Lancaster, red; Stiff Stalk, blue). The regression line and  $R^2$  value correspond to all genotypes.