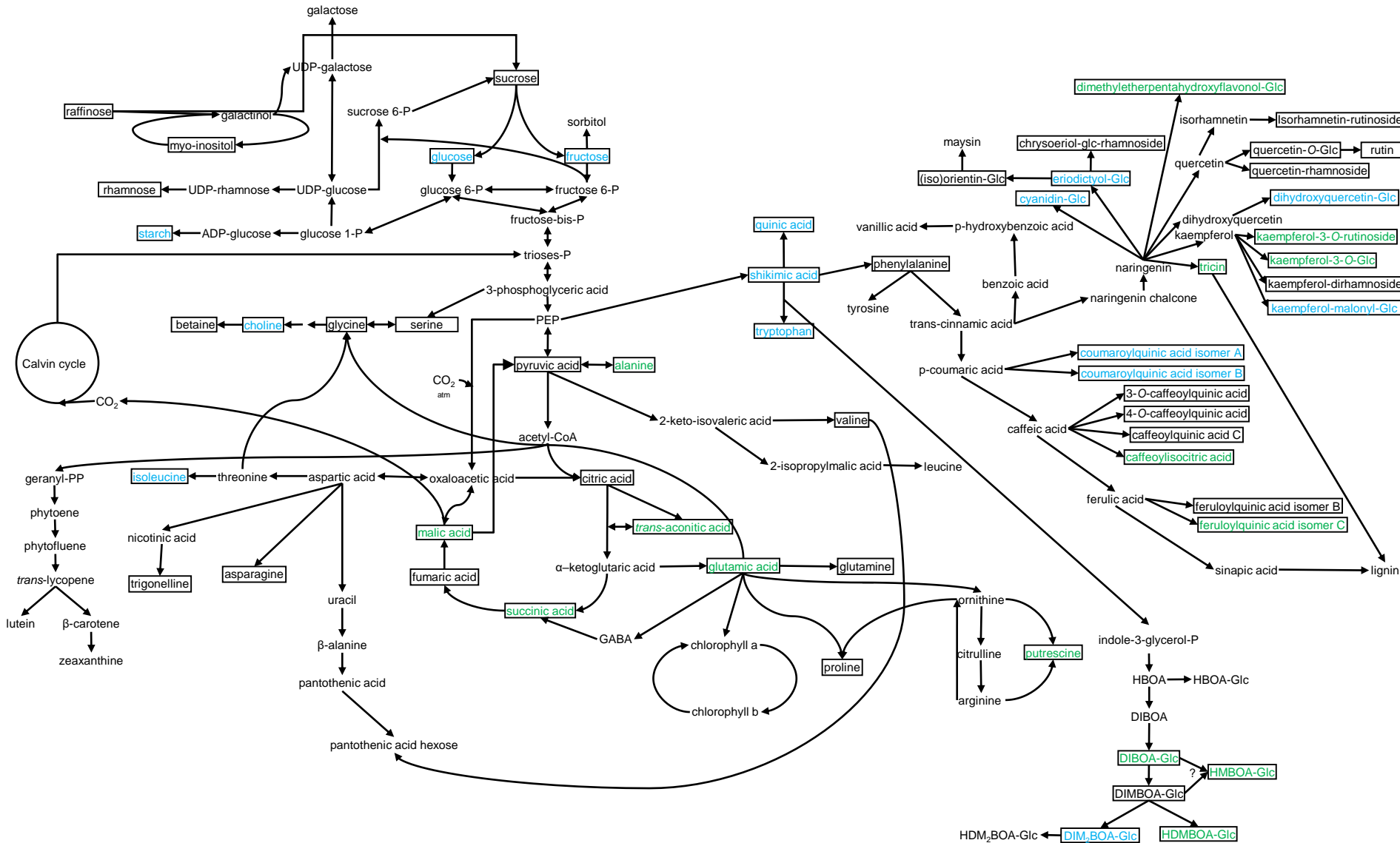


Title: **Metabotyping of 30 maize hybrids under early-sowing conditions reveals potential marker metabolites for breeding**

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Supplementary Figure S4: Summary of the major changes in relative or absolute concentrations of identified metabolites in maize leaf in response to early sowing indicated on simplified metabolic maps. Subcellular compartmentation is not taken into account. One arrow represents one or several enzymes or enzymatic steps. Framed compounds have been quantified. They are coloured according to Student's t test results (FDR corrected P value<0.01) and ratio thresholds >1.2 or <0.83. Blue, significantly higher content for early sowing, Green, significantly higher content in normal sowing condition.