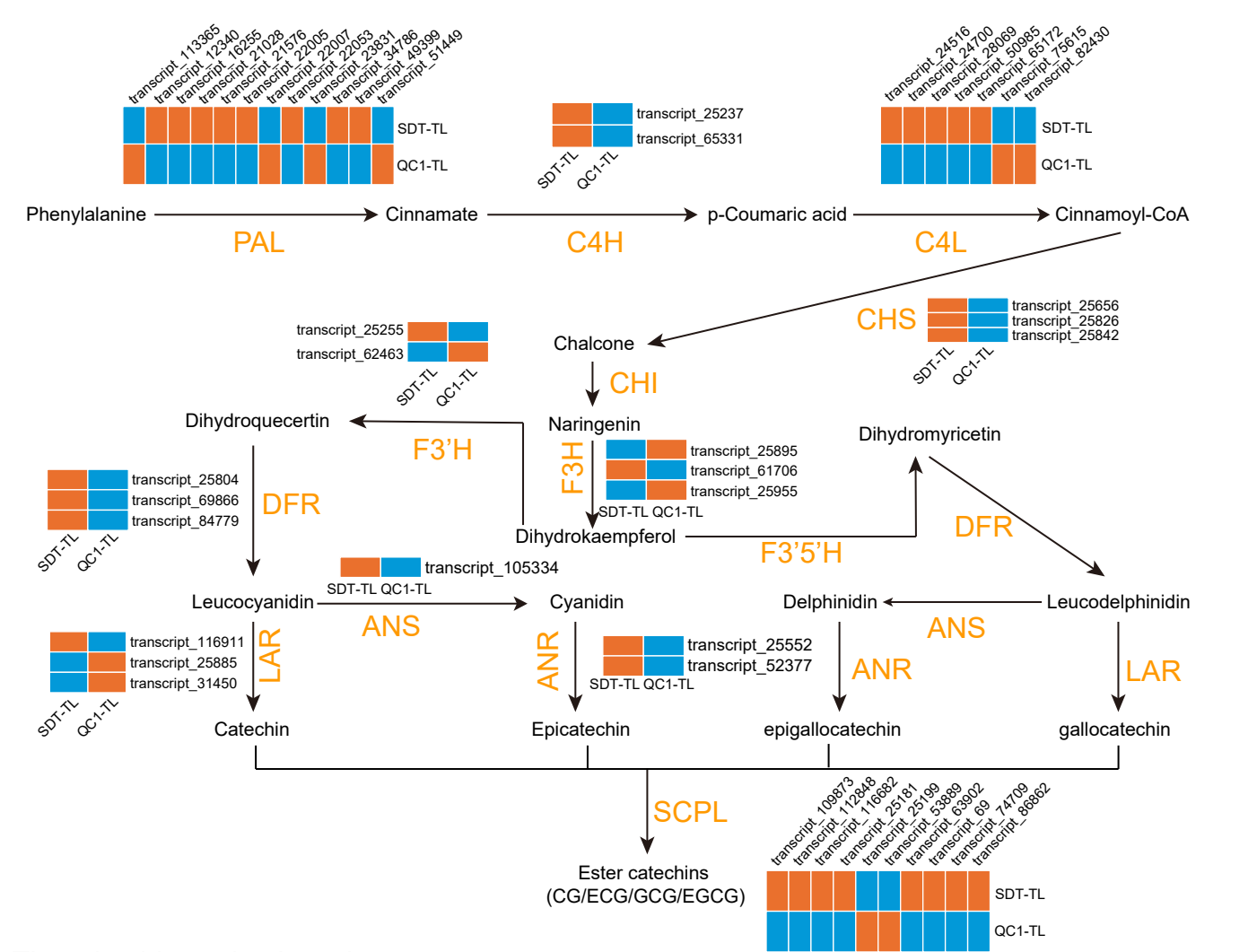


Catechin biosynthesis pathway:



Theanine biosynthesis pathway:

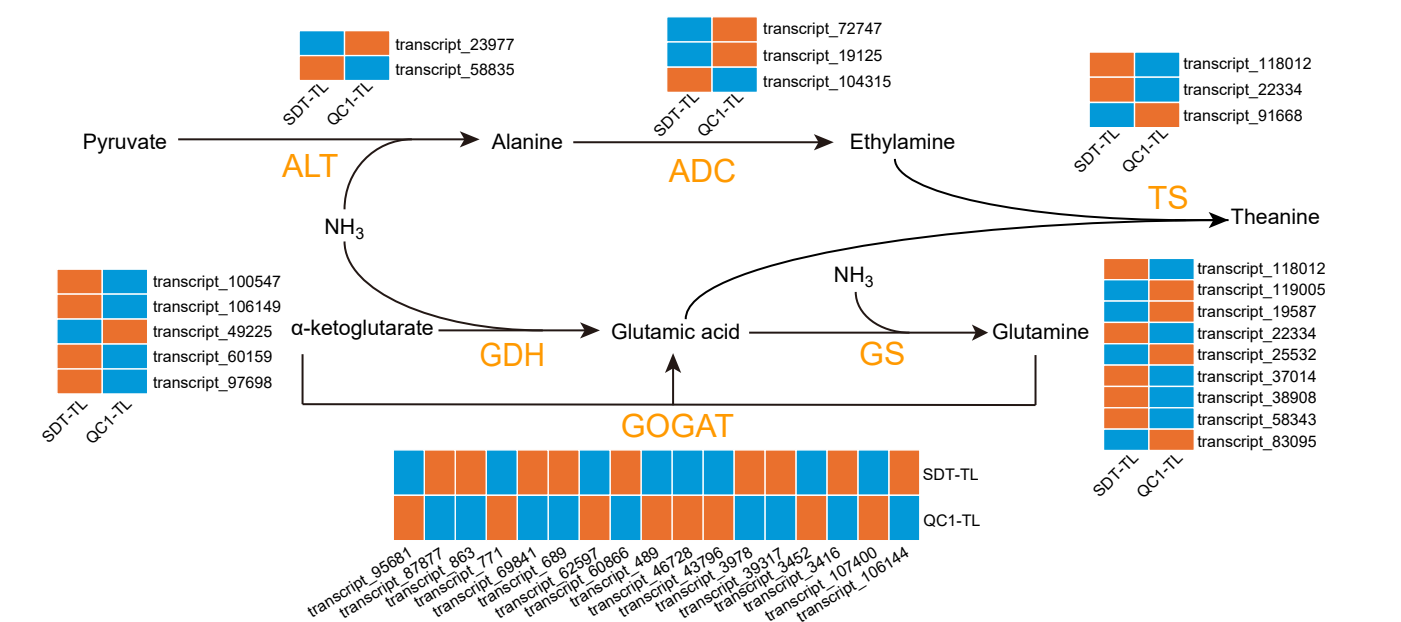


Figure S6. Biosynthetic pathway and gene expression analysis of catechin and theanine metabolism. The orange letters indicate the enzyme associated with the metabolites. Heat map showing the relative expression level of genes in QC1-TL and SDT-TL. Data were the mean values of three biological replicates.