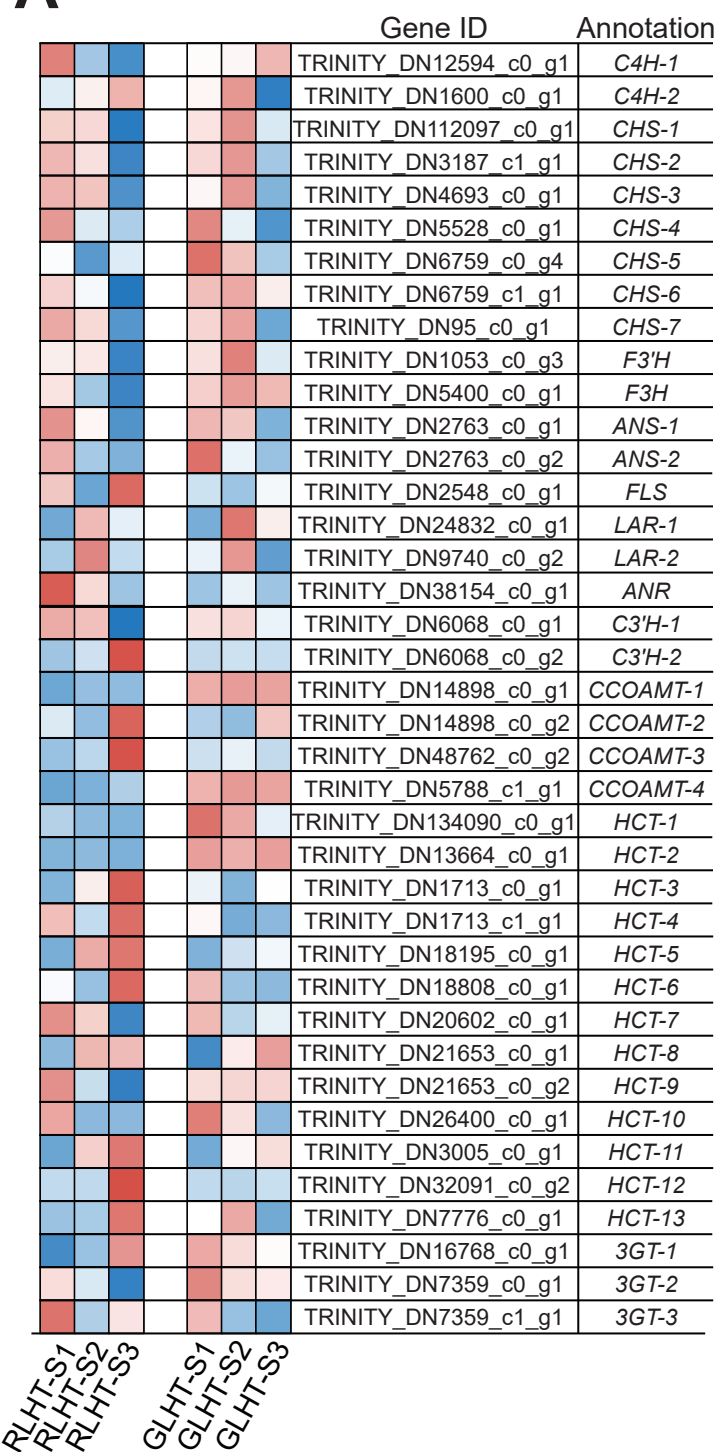
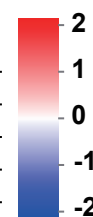
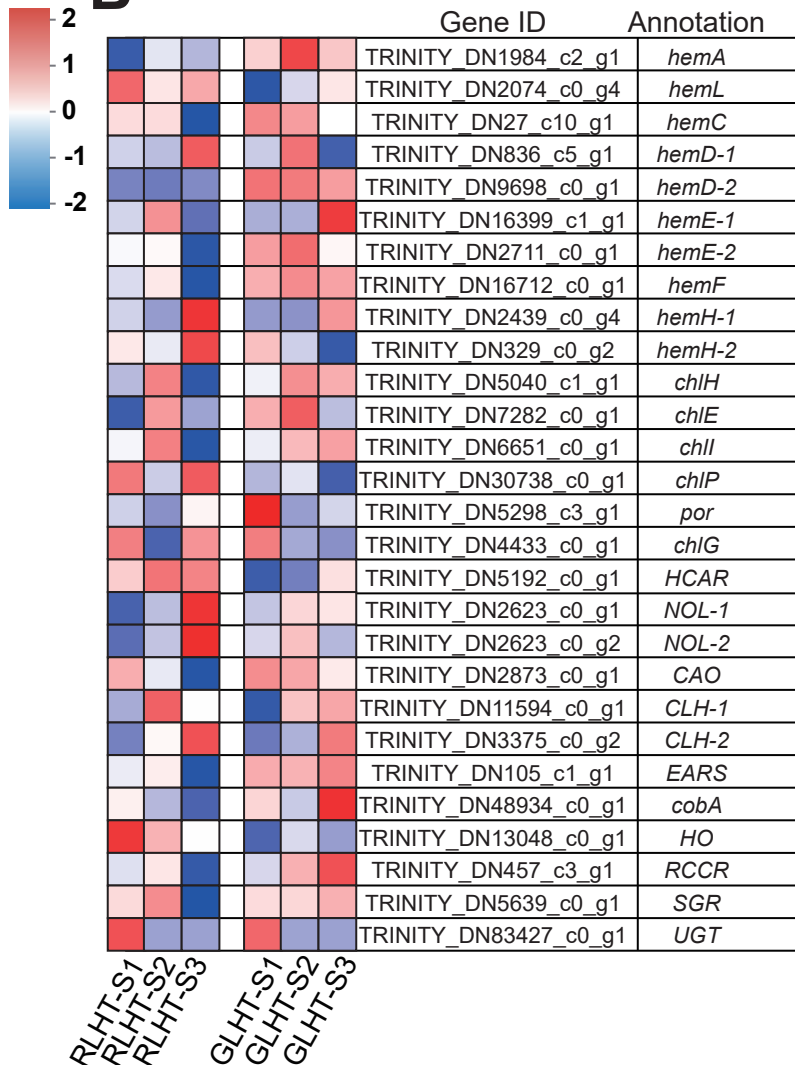


A



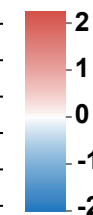
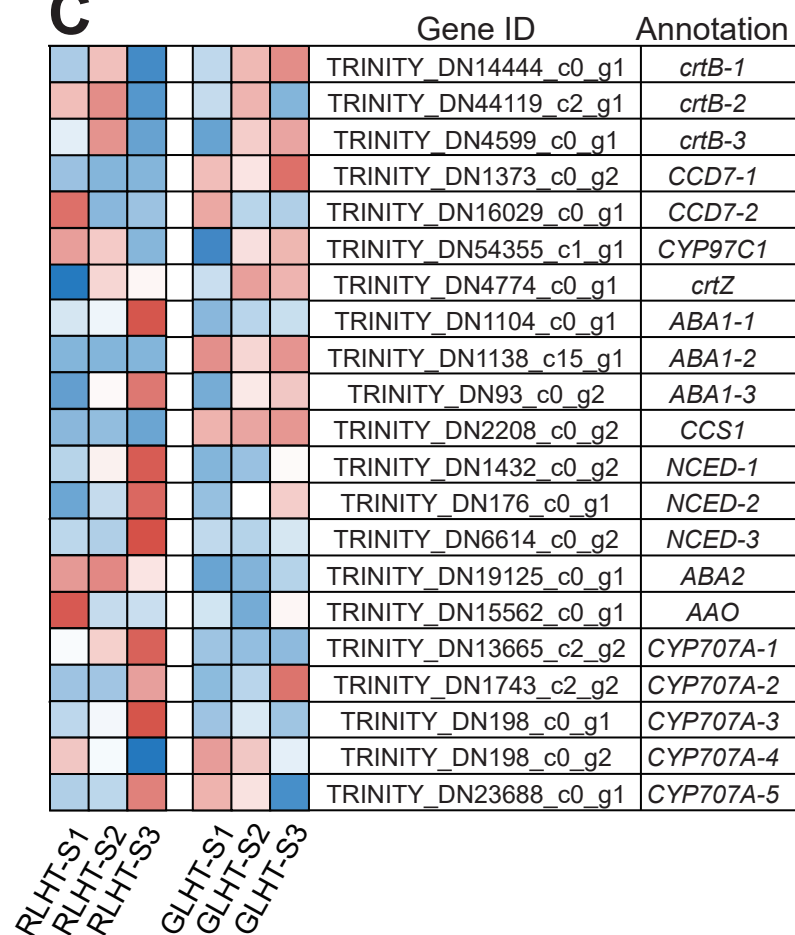
C4H, cinnamate 4-hydroxylase;
 CHS, chalcone synthase;
 F3H, flavanone 3-hydroxylase;
 F3'H, flavonoid 3O hydroxylase;
 DFR, dihydroflavonol 4-reductase;
 ANS, anthocyanin synthase;
 FLS, flavonol synthase;
 LAR, leucoanthocyanidin reductase;
 ANR, anthocyanidin reductase;
 C3'H, 5-O-(4-coumaroyl)-D-quinic acid 3'-monooxygenase;
 CCOAMT, caffeoyl-CoA O-methyltransferase;
 HCT, shikimate O-hydroxycinnamoyltransferase;
 3GT, flavonoid 3-O-glucosyltransferase.

B



hemA, glutamyl-tRNA reductase;
 hemL, glutamate-1-semialdehyde 2,1-aminomutase;
 hemC, hydroxymethylbilane synthase;
 hemD, uroporphyrinogen-III synthase;
 hemE, uroporphyrinogen decarboxylase;
 hemF, coproporphyrinogen III oxidase;
 hemH, protoporphyrin/coproporphyrin ferrochelatase;
 chlH, magnesium chelatase subunit H;
 chlE, magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase;
 chlI, magnesium chelatase subunit I;
 chlP, geranylgeranyl diphosphate/geranylgeranyl-bacteriochlorophyllide a reductase;
 Por, protochlorophyllide reductase;
 chlG, chlorophyll/bacteriochlorophyll a synthase;
 HCAR, 7-hydroxymethyl chlorophyll a reductase;
 NOL, chlorophyll(ide) b reductase;
 CAO, chlorophyllide a oxygenase;
 CLH, chlorophyllase;
 EARS, glutamyl-tRNA synthetase;
 cobA, uroporphyrin-III C-methyltransferase;
 HO, heme oxygenase (biliverdin-producing, ferredoxin);
 RCCR, red chlorophyll catabolite reductase;
 SGR, magnesium dechelatease;
 UGT, glucuronosyltransferase.

C



crtB, 15-cis-phytoene synthase;
 CCD7, 9-cis-beta-carotene 9',10'-cleaving dioxygenase;
 CYP97C1, carotenoid epsilon hydroxylase;
 crtZ, beta-carotene 3-hydroxylase;
 ABA1, zeaxanthin epoxidase;
 CCS1, capsanthin/capsorubin synthase;
 NCED, 9-cis-epoxycarotenoid dioxygenase;
 ABA2, xanthoxin dehydrogenase;
 AAO, abscisic-aldehyde oxidase;
 CYP707A, (+)-abscisic acid 8'-hydroxylase.