

*Cl111* is a new gene, expressed in the juice sac cells of acid lemon, but not in that of acidless lime. The gene is also ovary-, anther- and pulp-specific. The promoter of the gene from acid lemon and acidless lime was delimited in tomato. Current project in the lab is aimed at understanding the role of *Cl111*. In *Arabidopsis*, there are two homologous genes. Plants mutated in these genes show no visible phenotypic alternations. However, a double mutant in these genes is embryo lethal. Down regulation of the gene and its by RNAi approach are currently performed in tomato. The photos show some phenotypes of the transgenic plants

