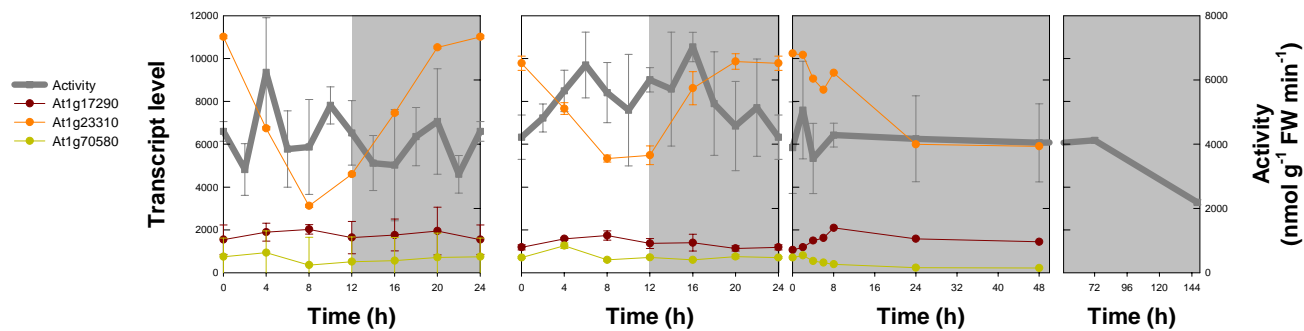
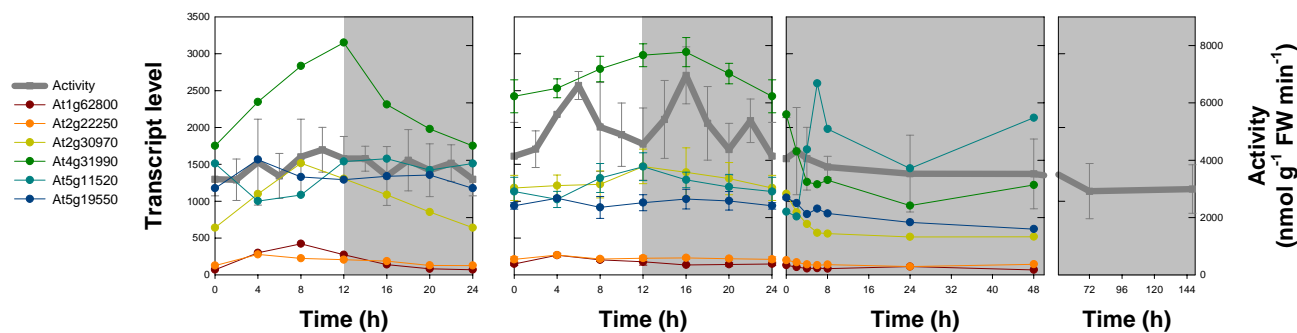


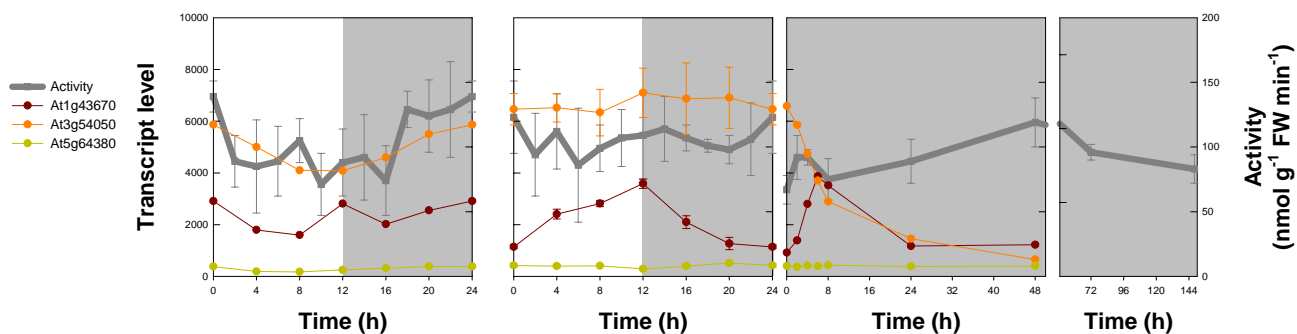
Alanine aminotransferase



Aspartate aminotransferase



Cytosolic fructose-1.6-bisphosphatase



Fructokinase

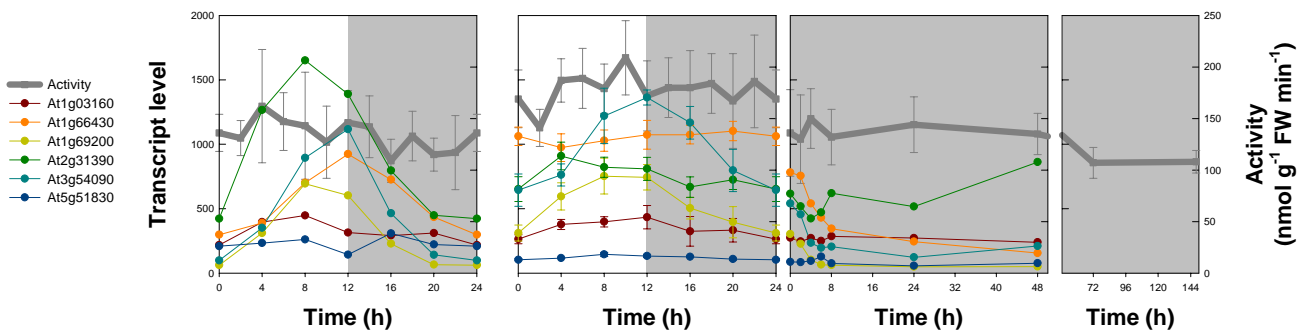
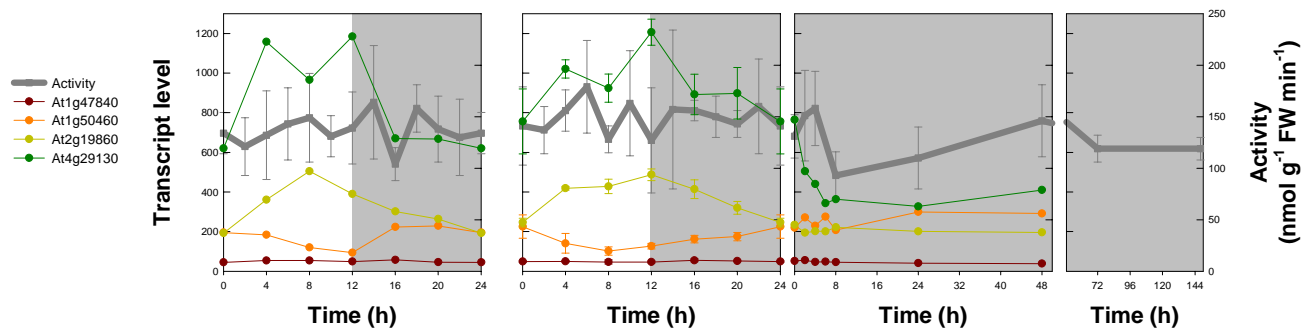
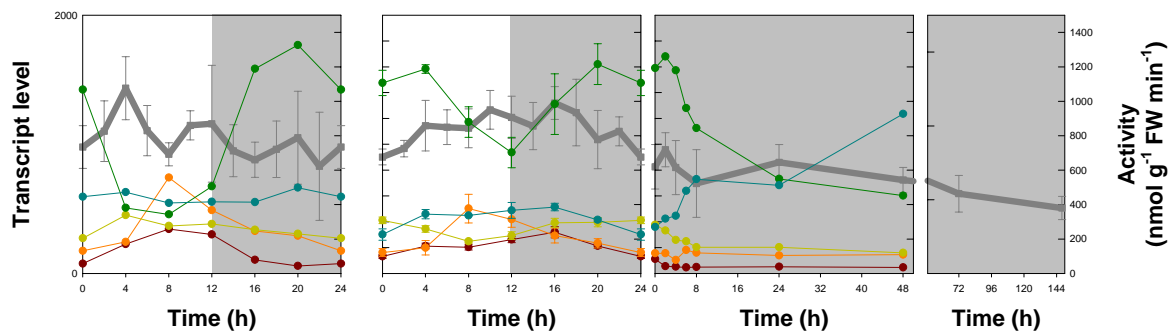


Fig. S1 part I

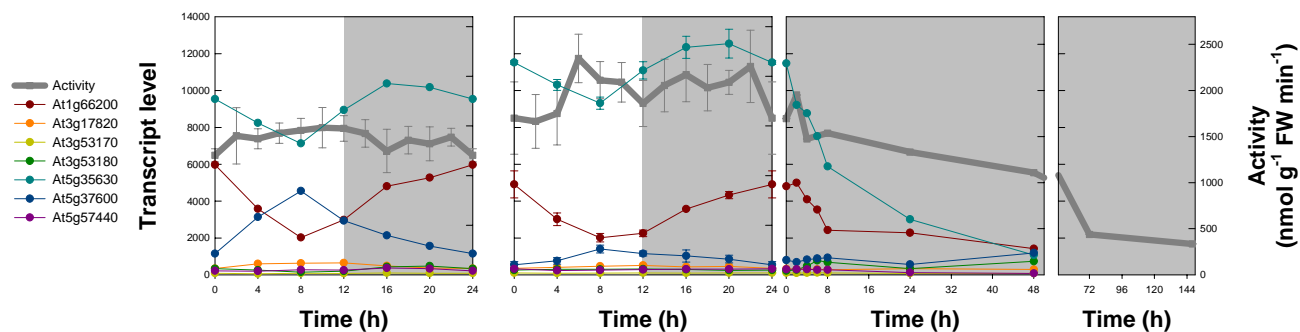
Glucokinase (Hexokinase)



Glucose-6-phosphate dehydrogenase



Glutamine synthetase



Glycerokinase

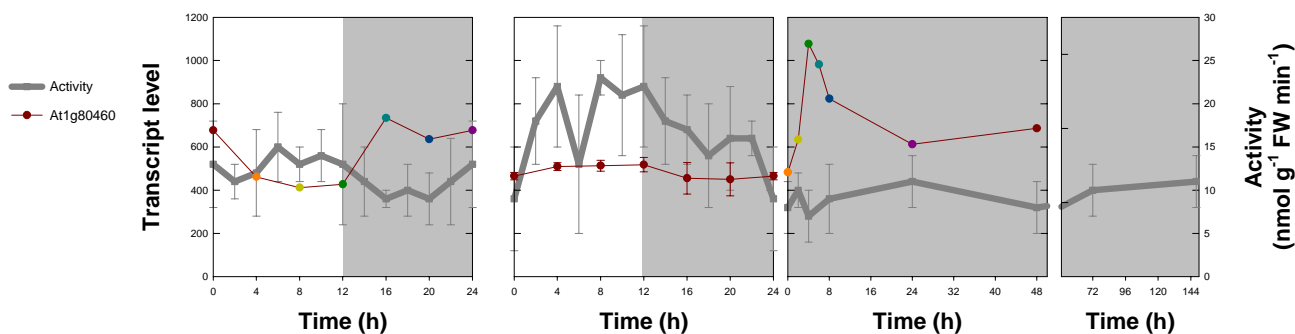
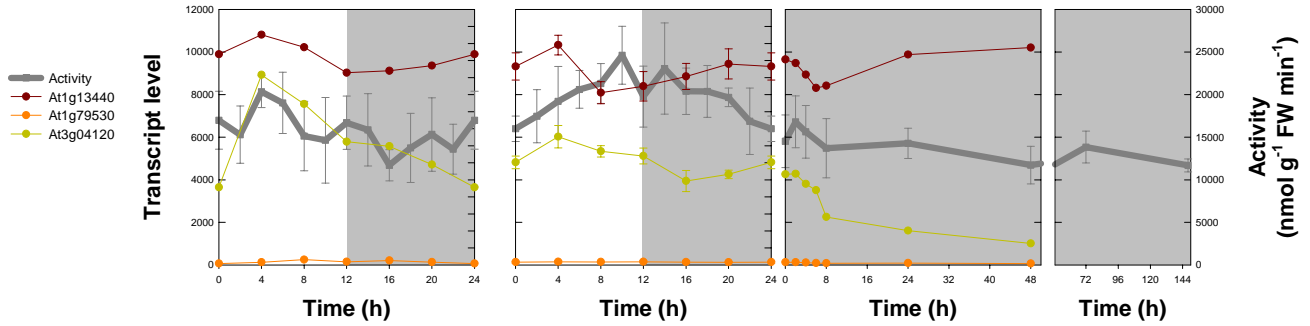
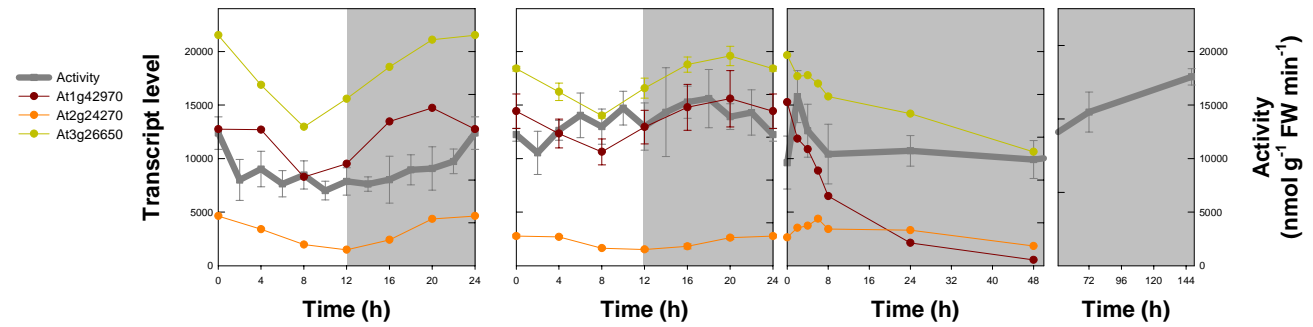


Fig. S1 part II

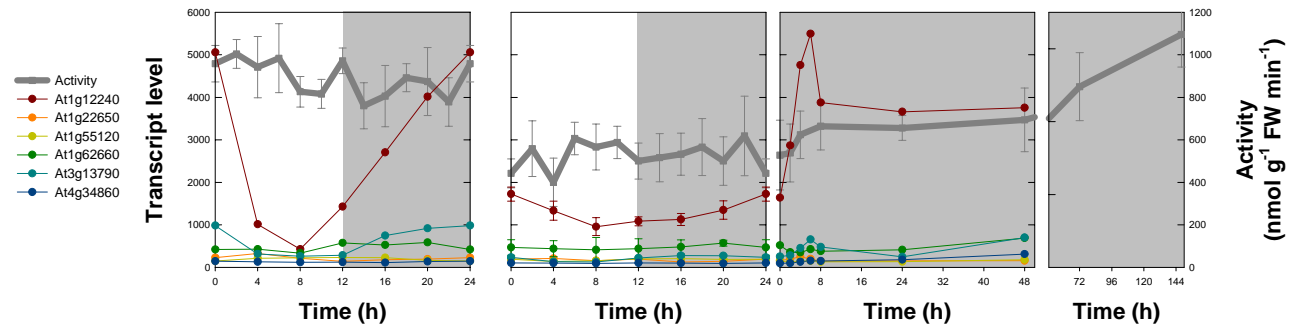
Glyceraldehyde-3-phosphate dehydrogenase (NAD-dependent)



Glyceraldehyde-3-phosphate dehydrogenase (NADP-dependent)



Acid invertase



Isocitrate dehydrogenase (NADP-dependent)

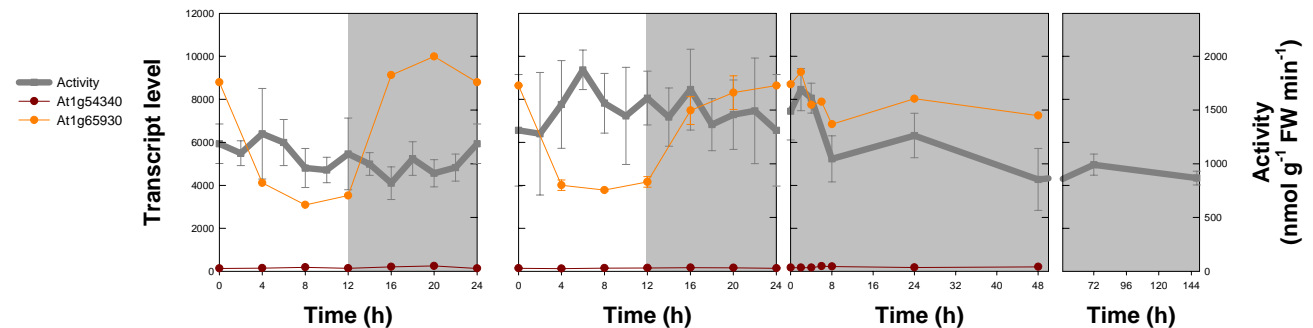
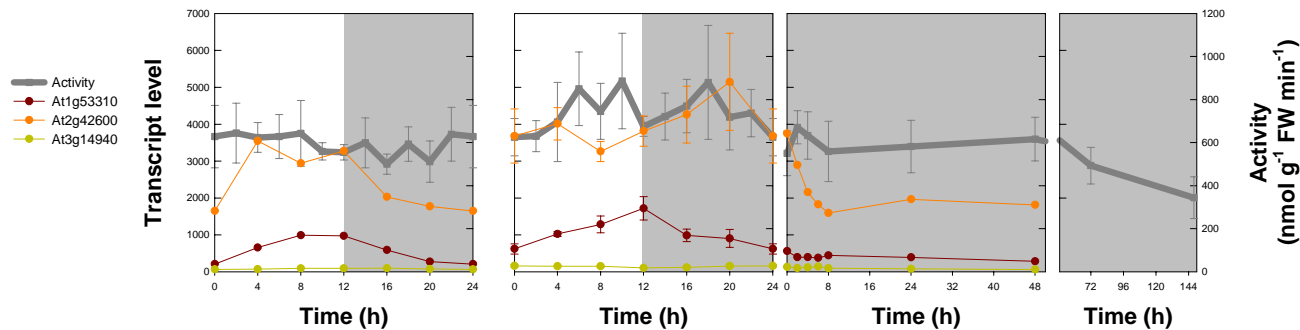
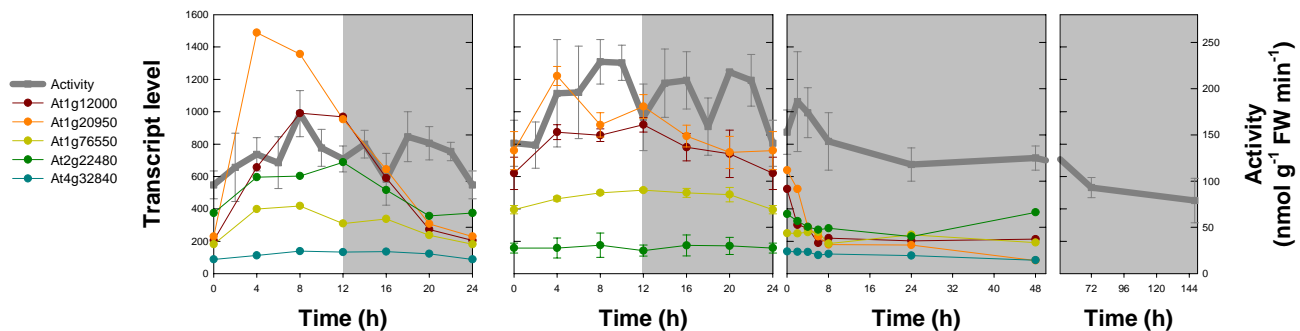


Fig. S1 part III

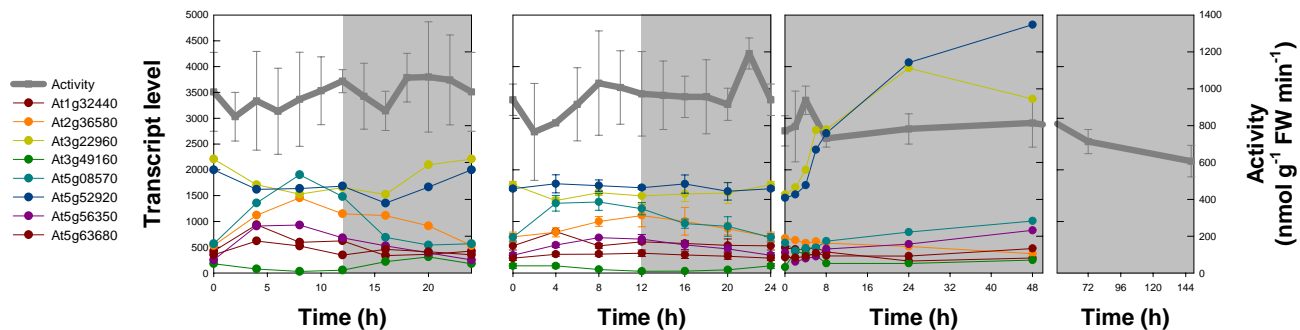
Phosphoenolpyruvate carboxylase



Pyrophosphate-dependent phosphofructokinase



Pyruvate kinase



Shikimate dehydrogenase

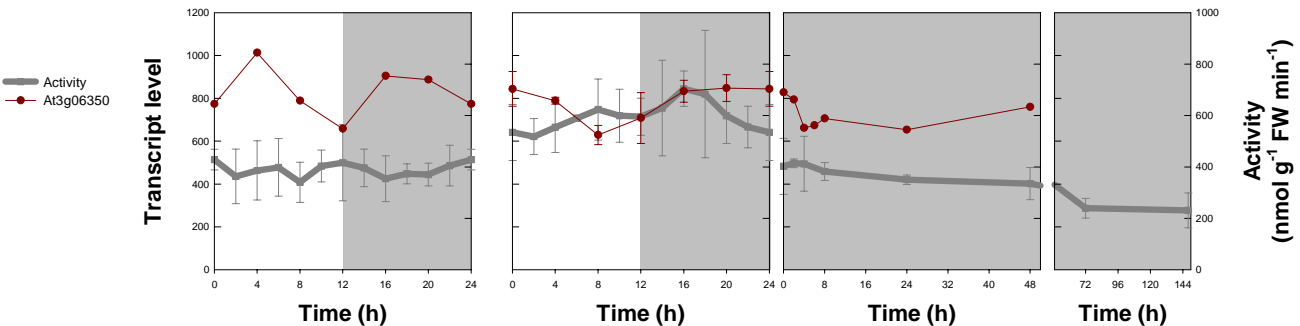
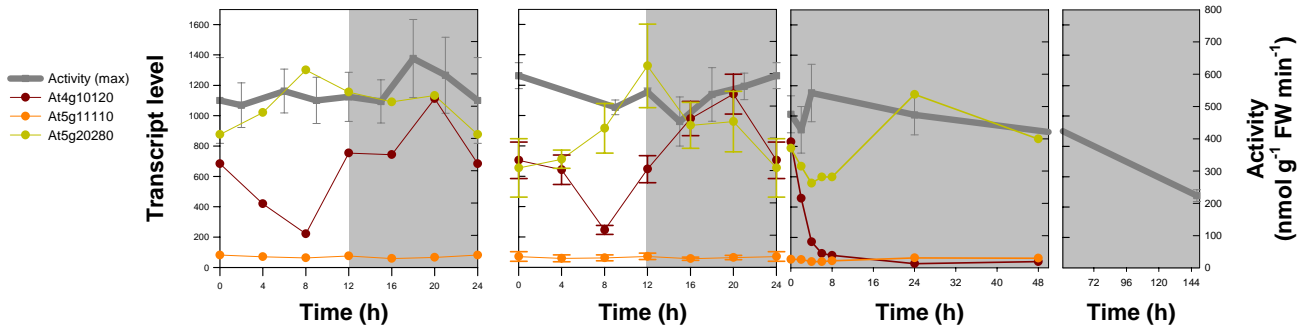


Fig. S1 part IV

Sucrose-phosphate synthase



Transketolase

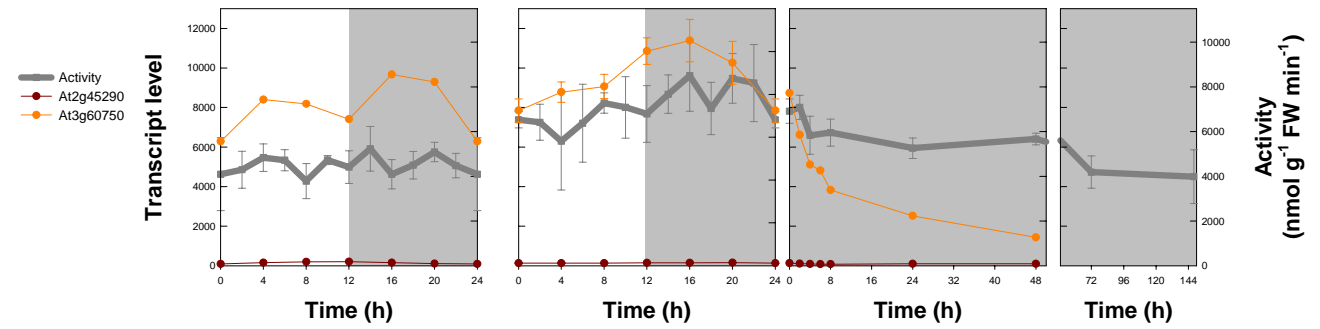


Fig. S1 part V