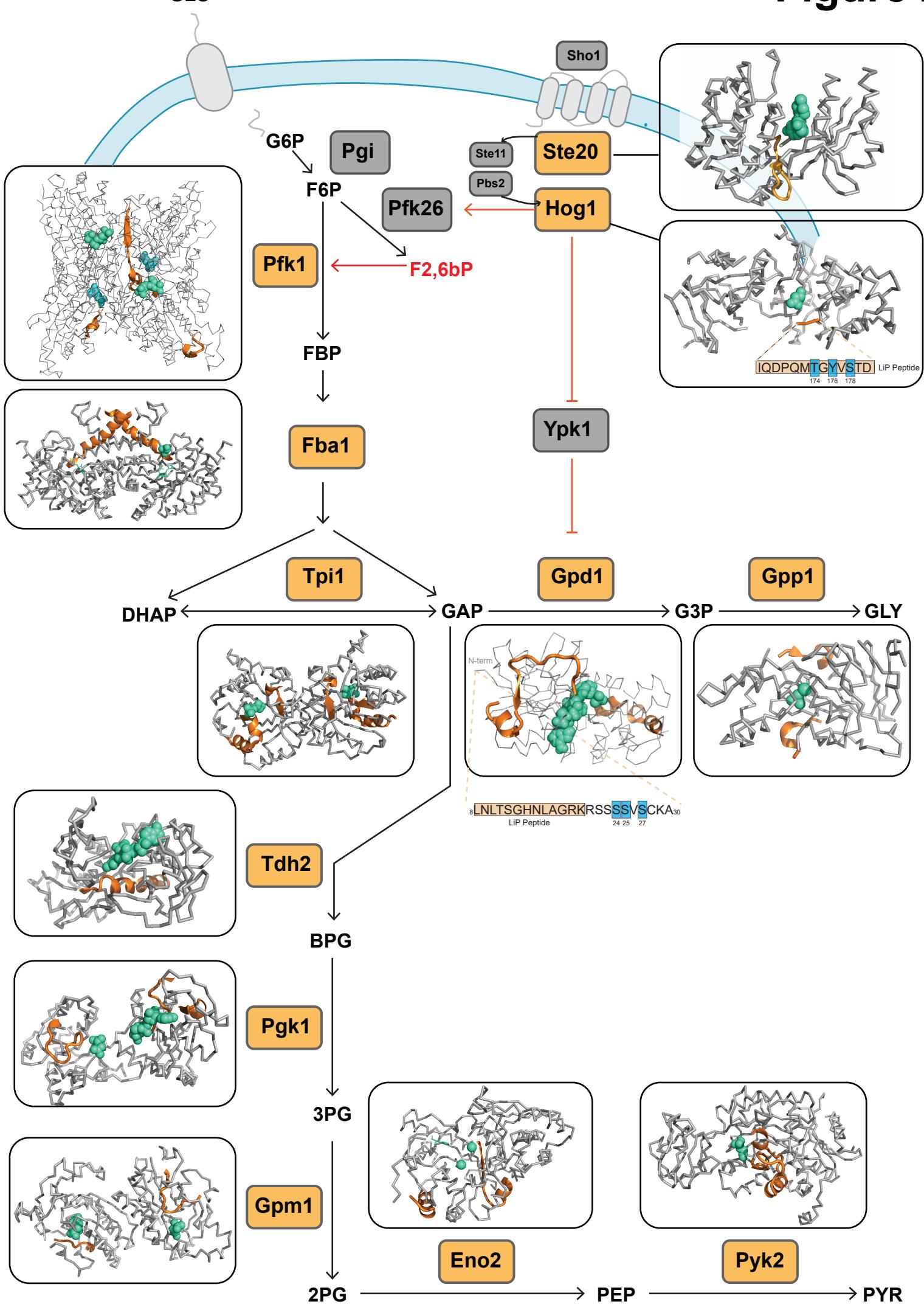


Figure 1

Figure 2



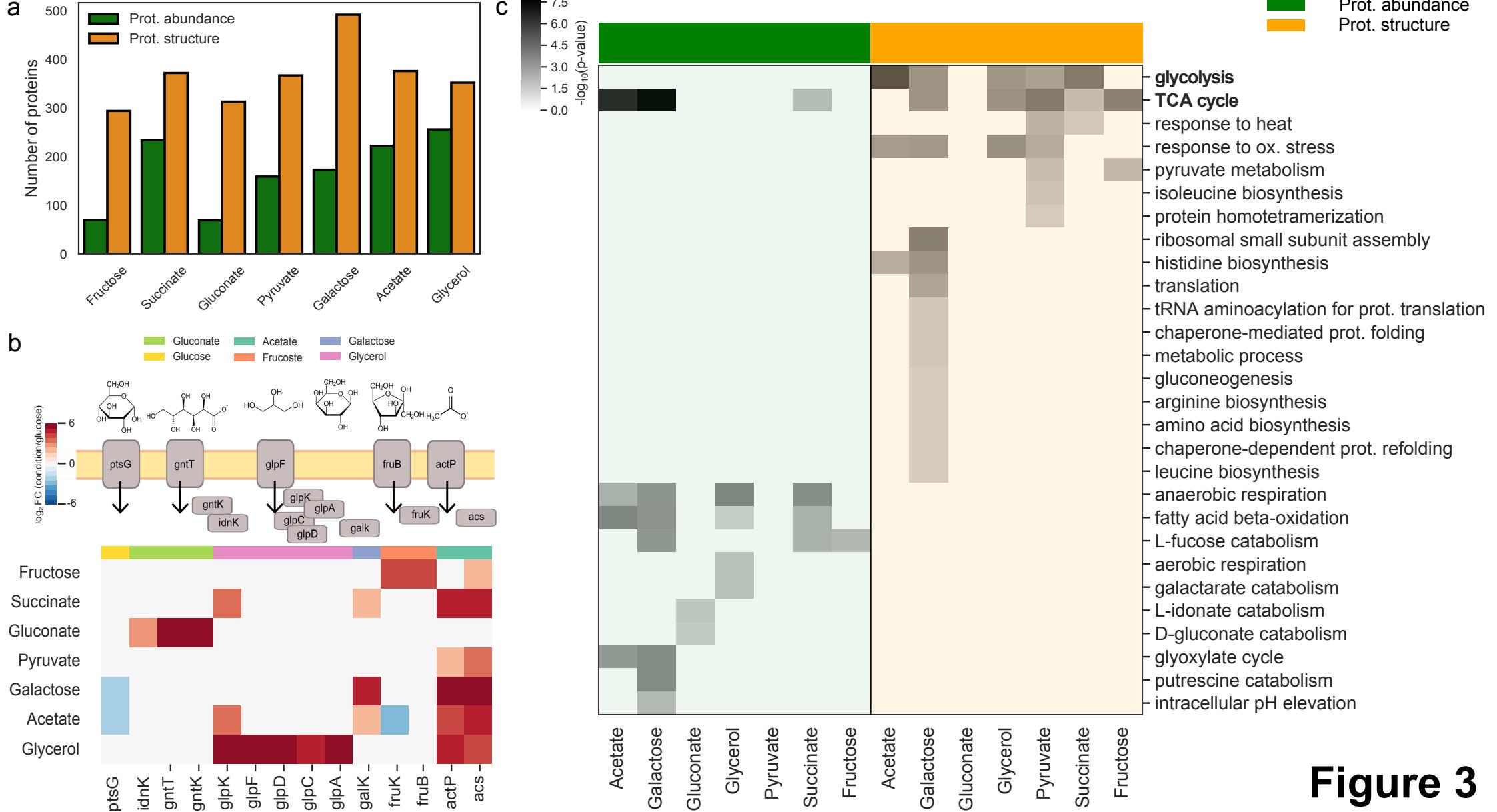
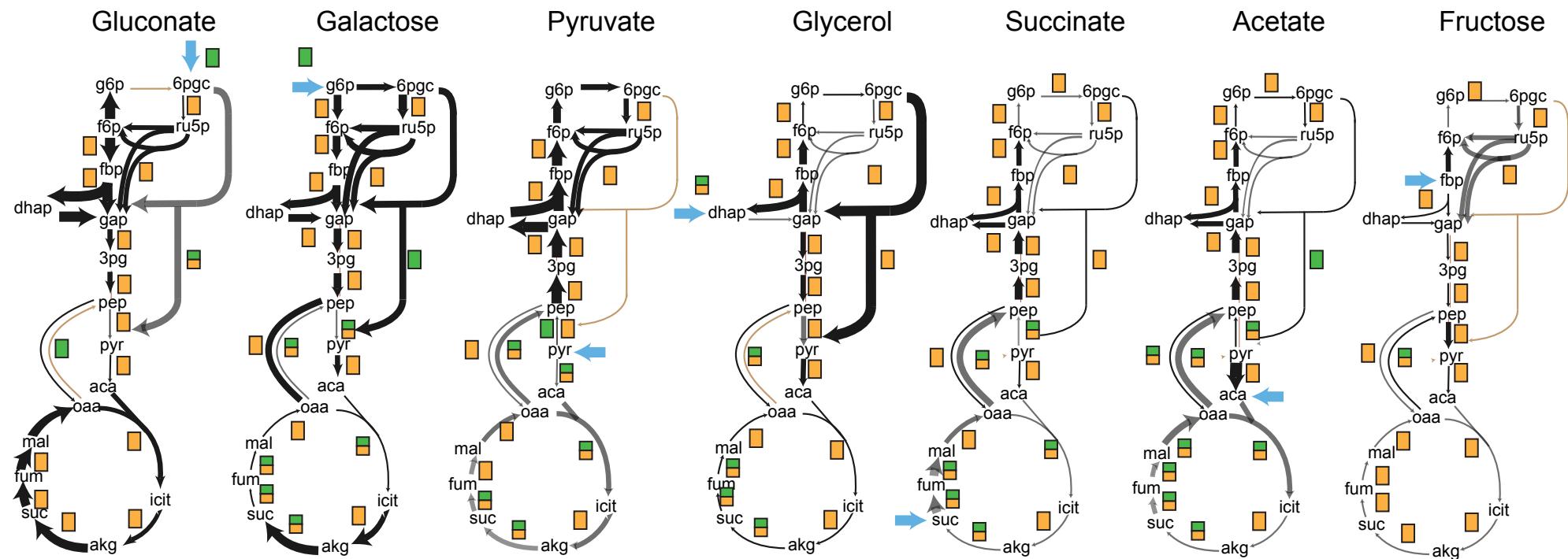


Figure 3

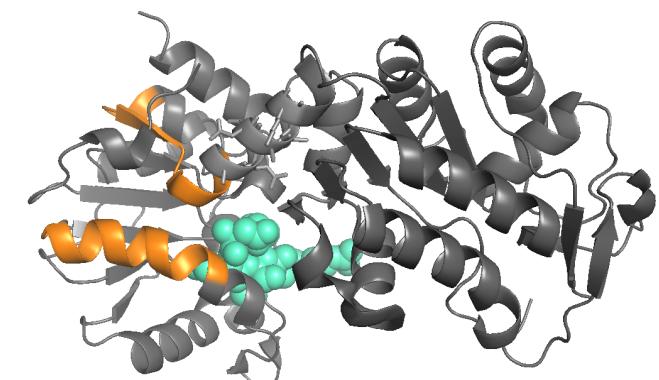
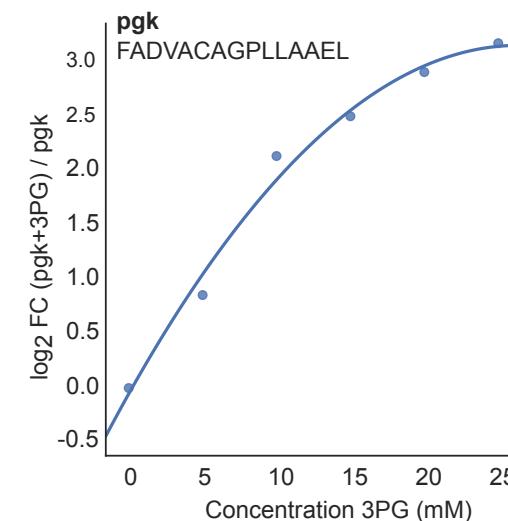
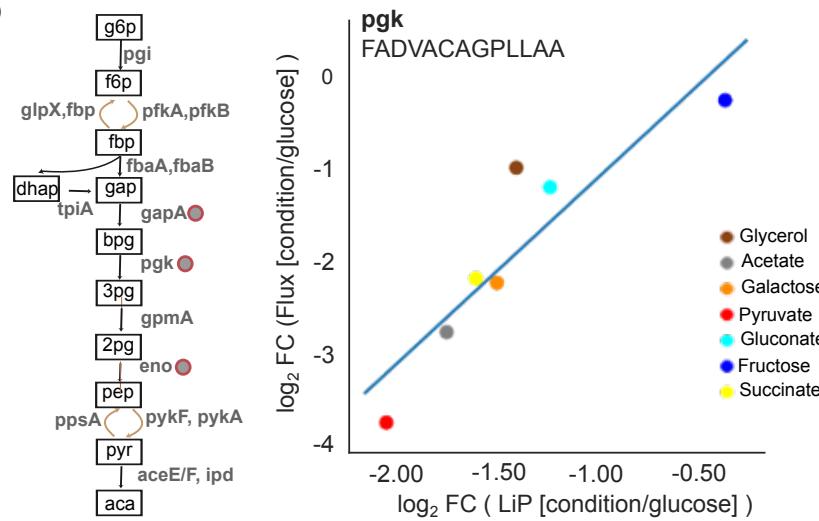
Figure 4

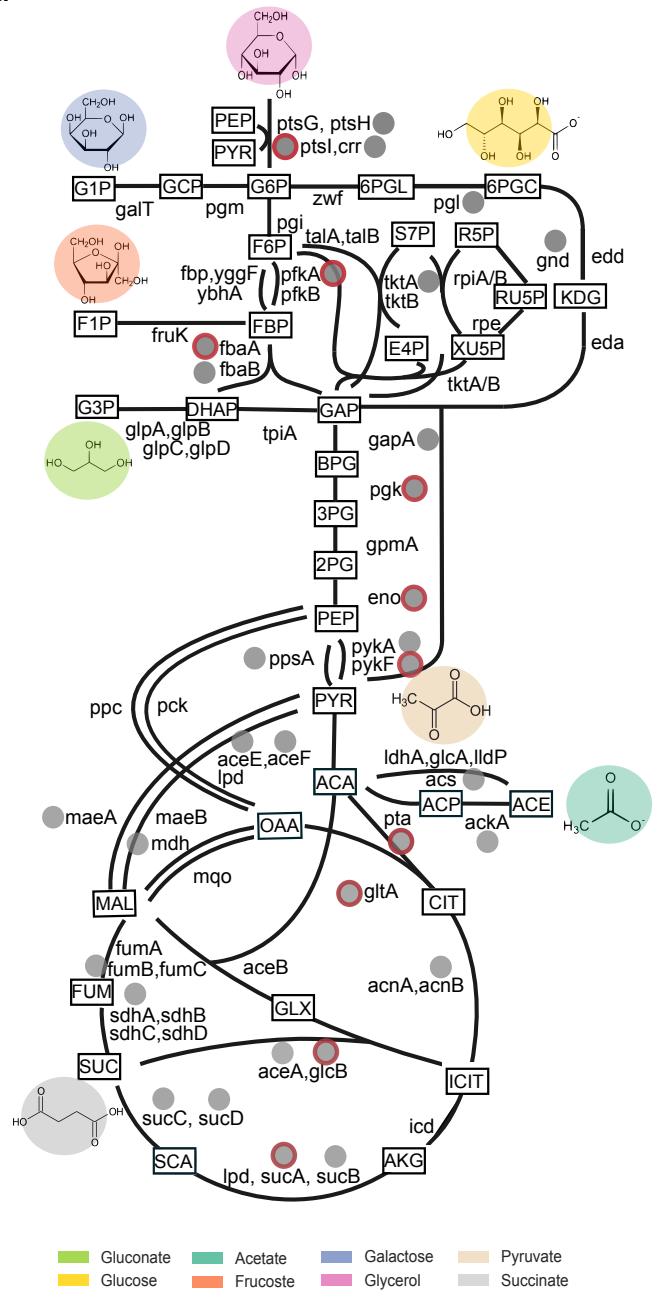
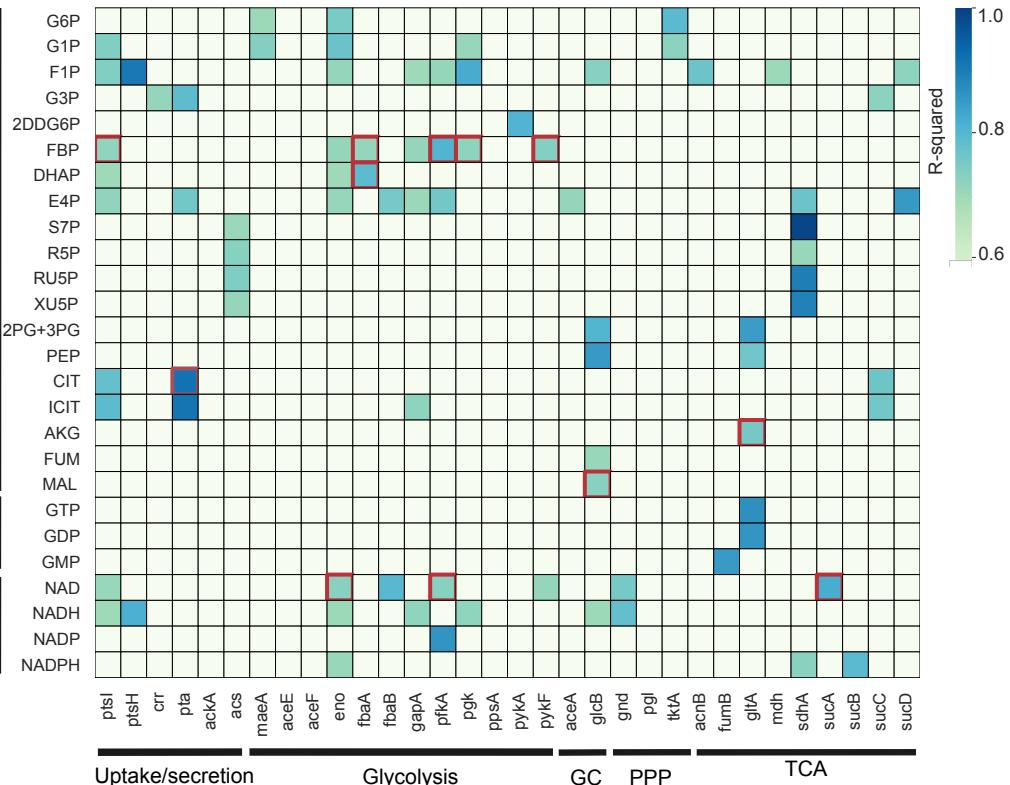
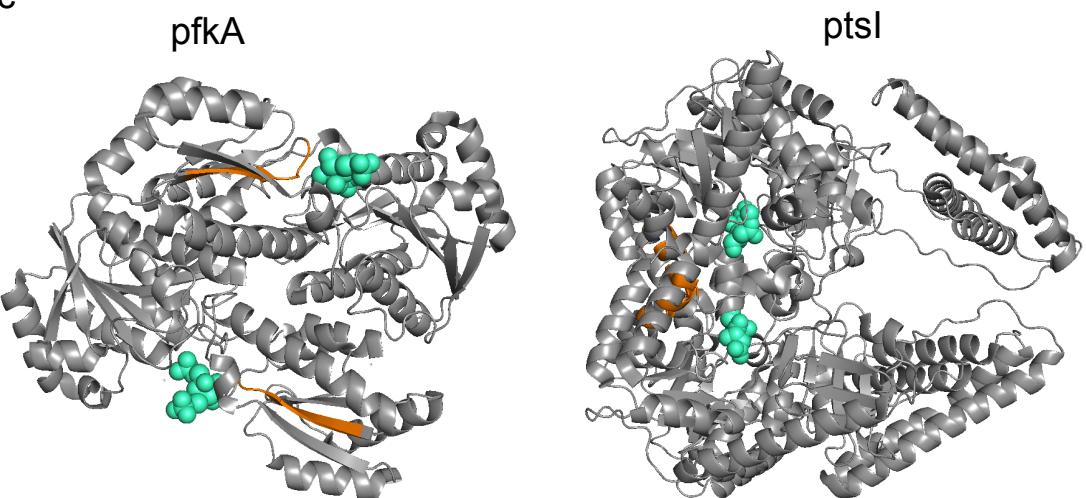
a \log_2 (flux condition / flux glucose)

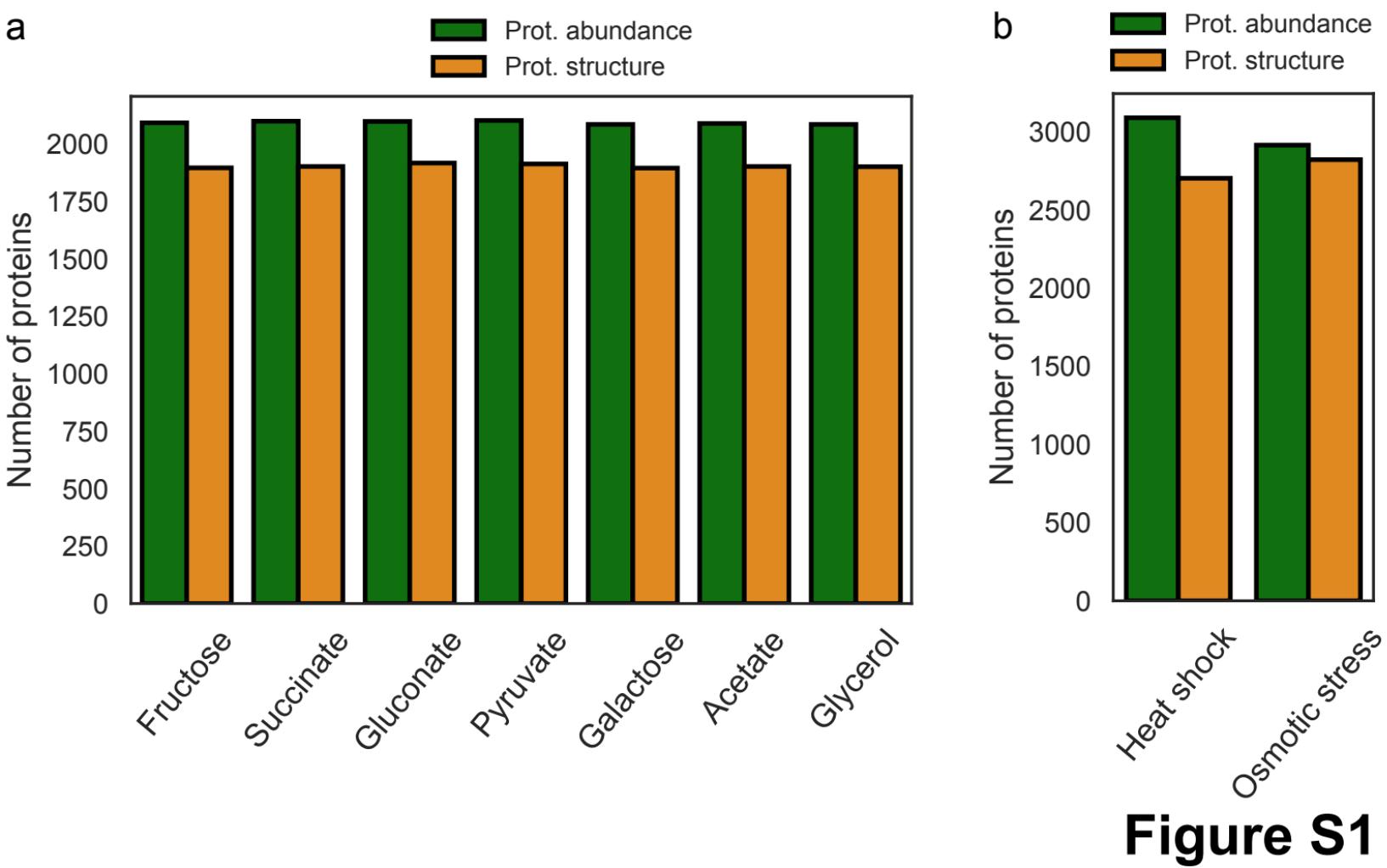
- <1
- 1-2
- 2-3
- >3
- NA
- abundance changes
- structural changes
- abundance and structural changes



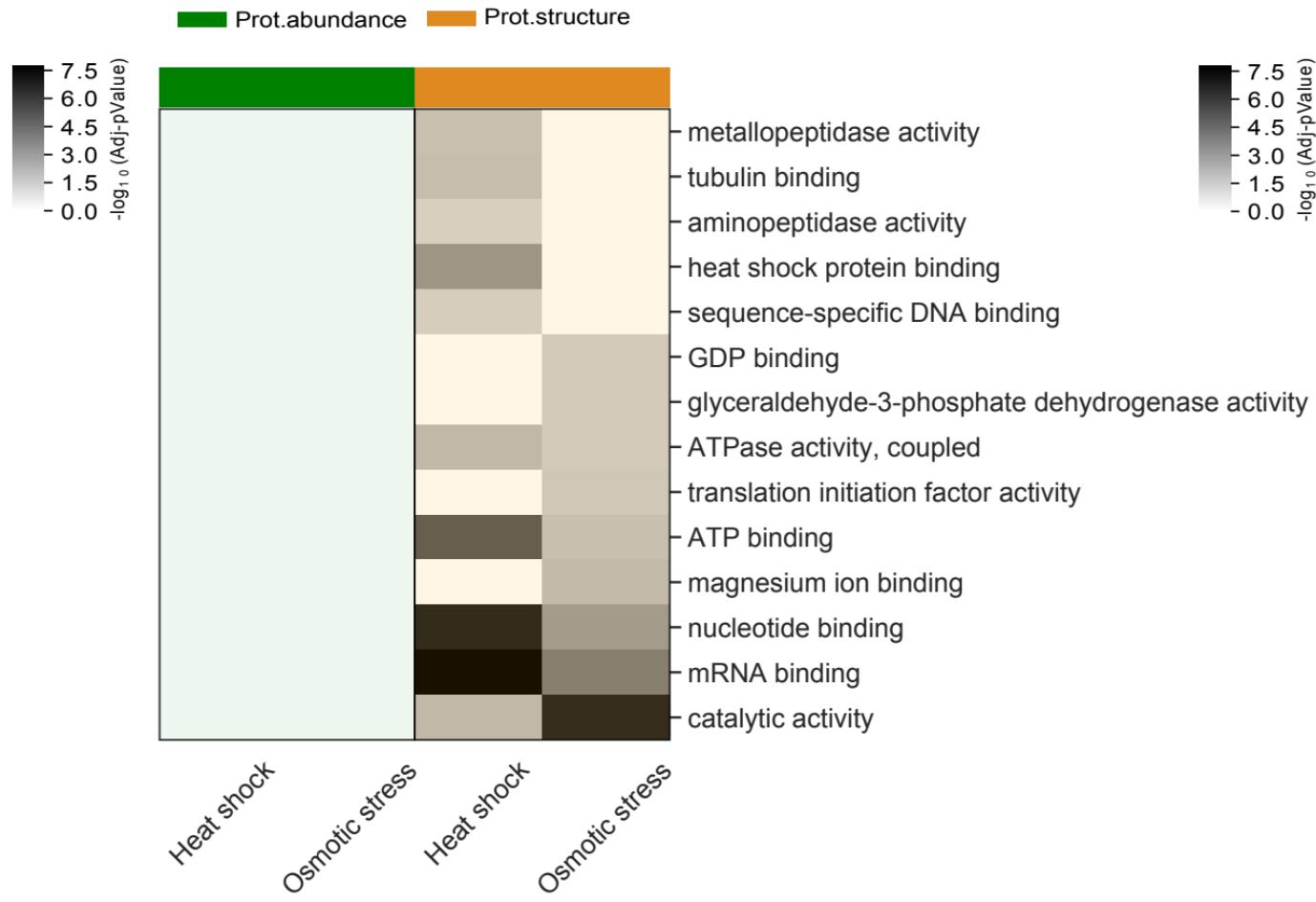
b



a**b****c****Figure 5**



Molecular function



Cellular component

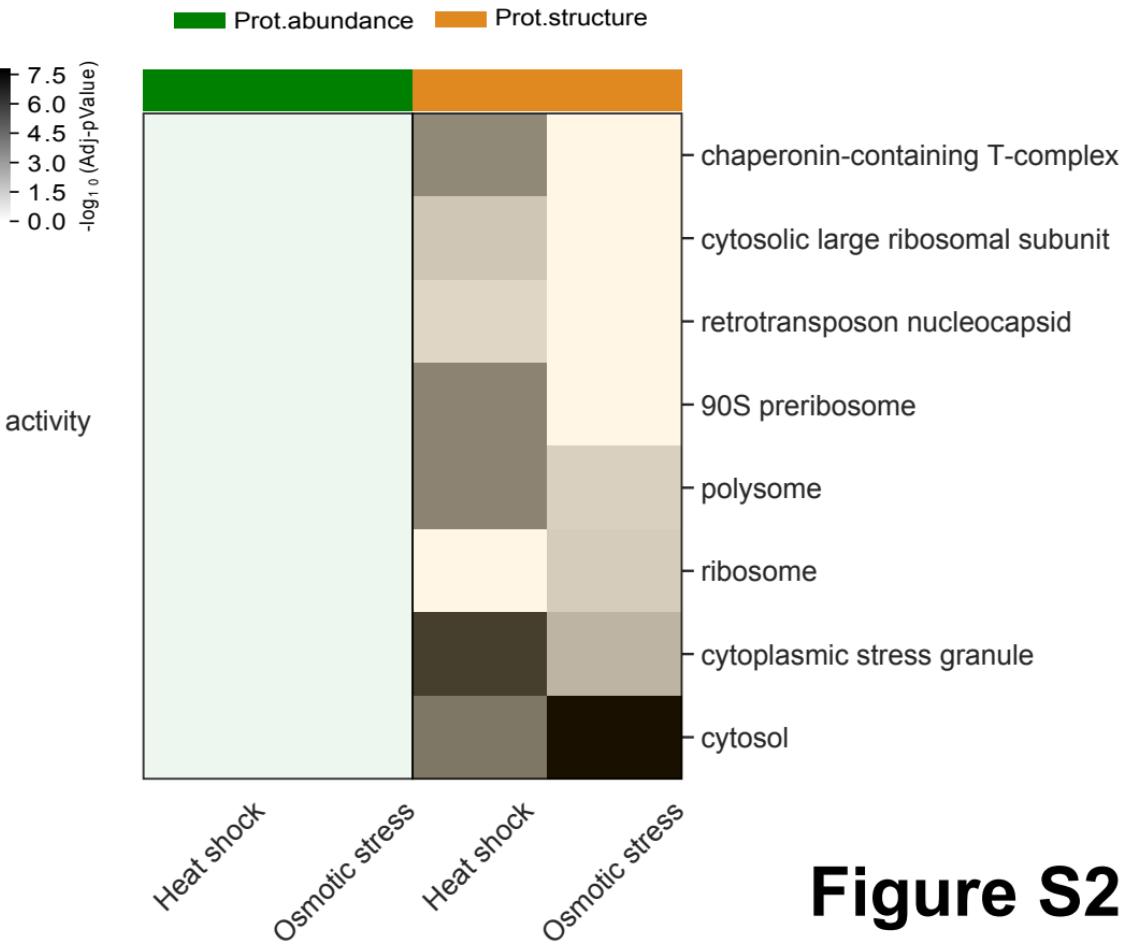
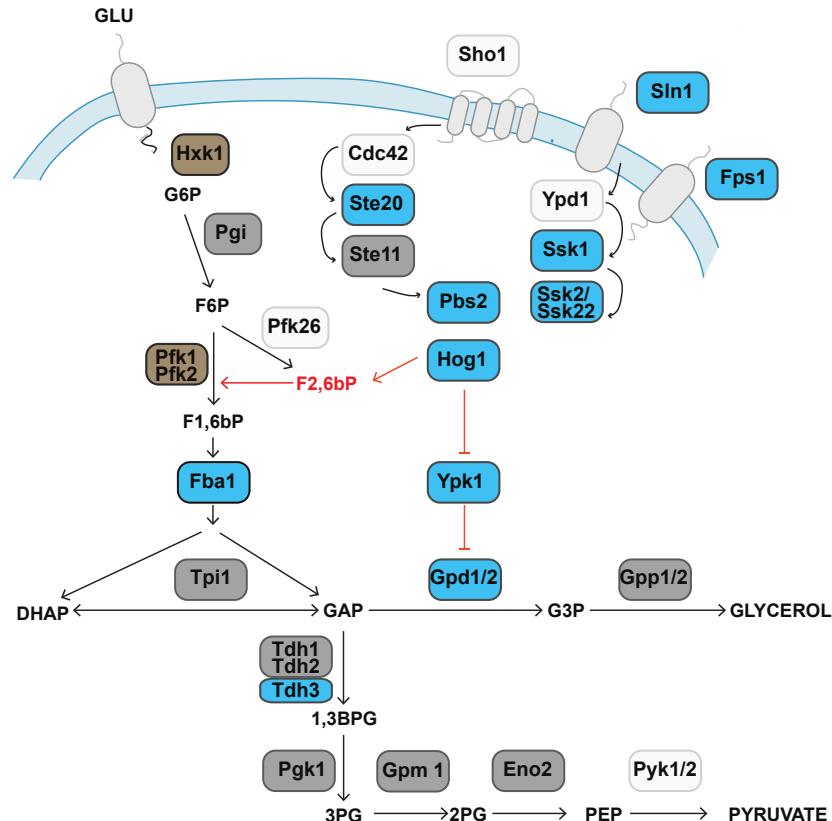
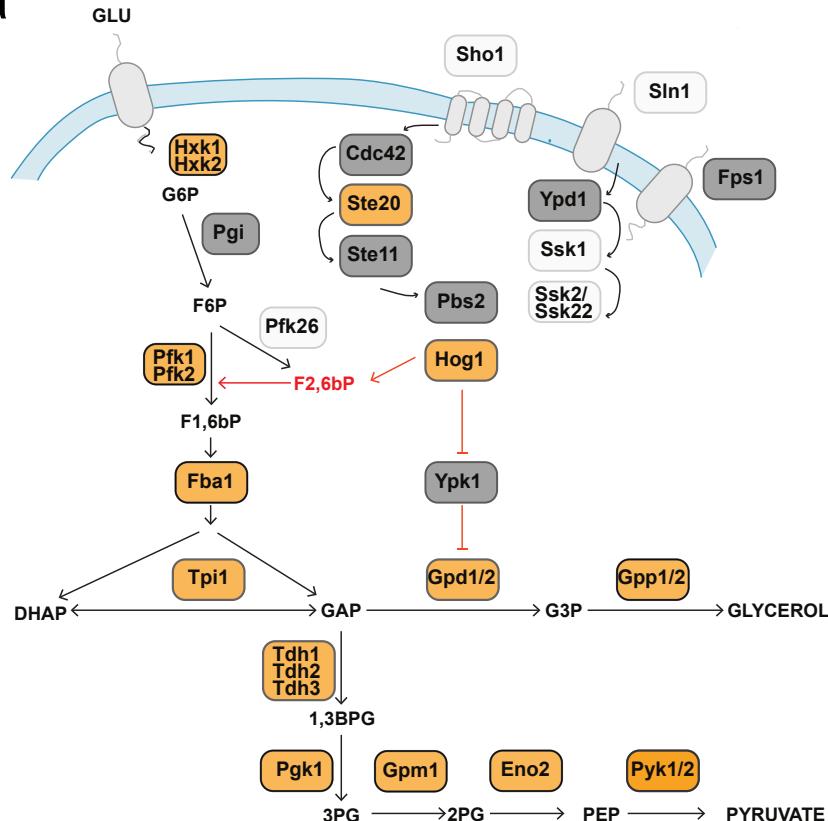
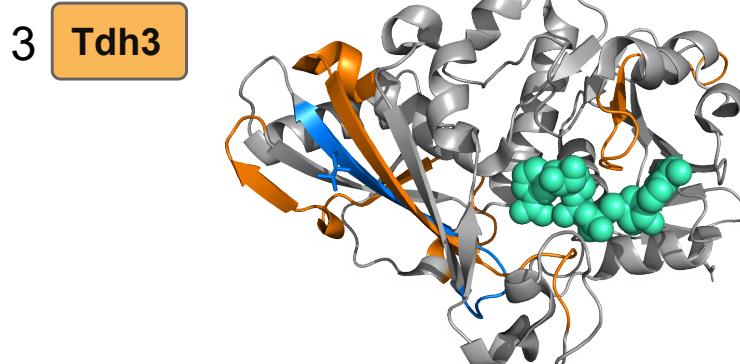


Figure S2

a**b**

1 **Hog1**
LiP Peptide
IQDPQMTGYYVSTD
174 176 178

2 **Gpd1**
LiP Peptide
LNLTSGHNLAGRKRSSSSVSKA₃₀
24 25 27



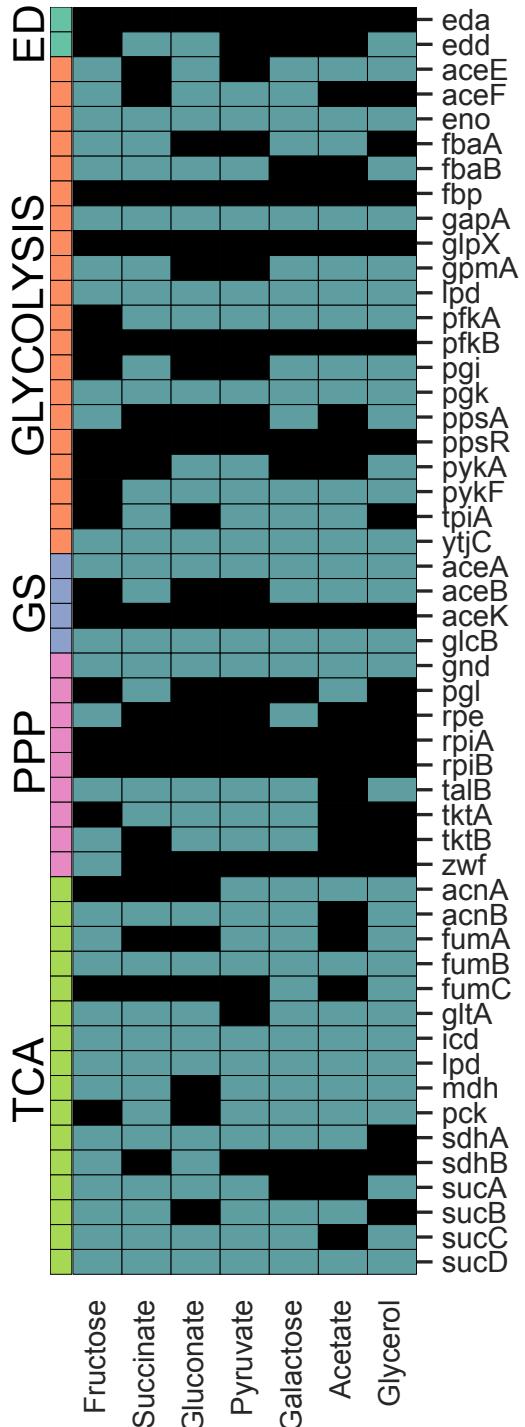
LiP peptide and phosphosites overlap

LiP peptide adjacent to phosphosites

LiP peptide in close proximity in the 3D space

Figure S3

Structural changes



Abundance changes

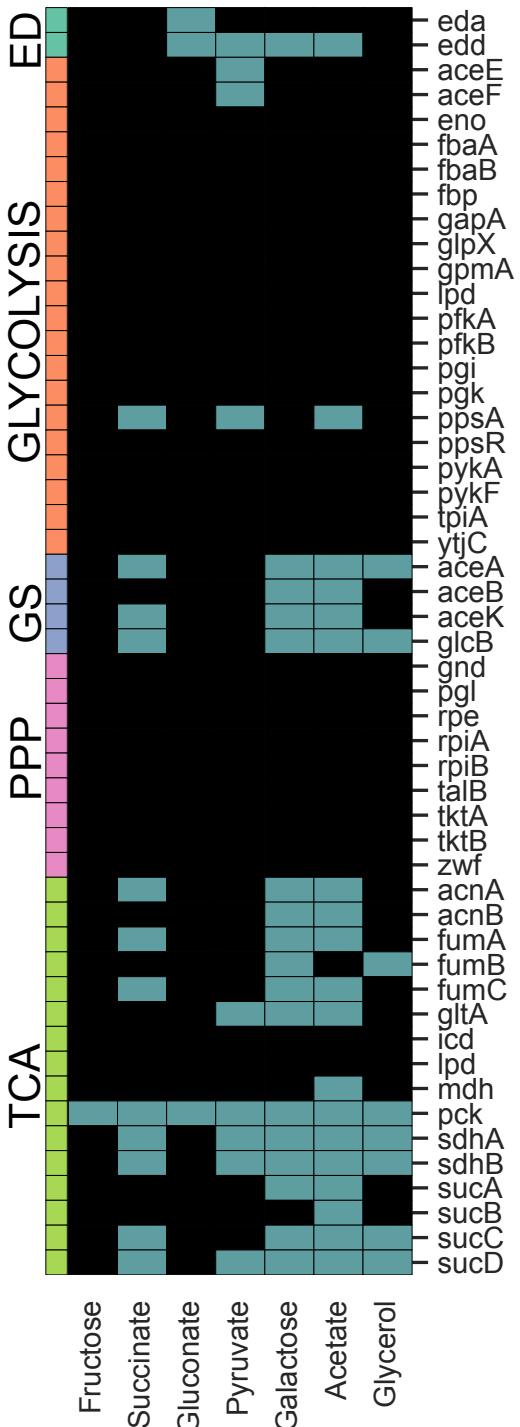


Figure S4

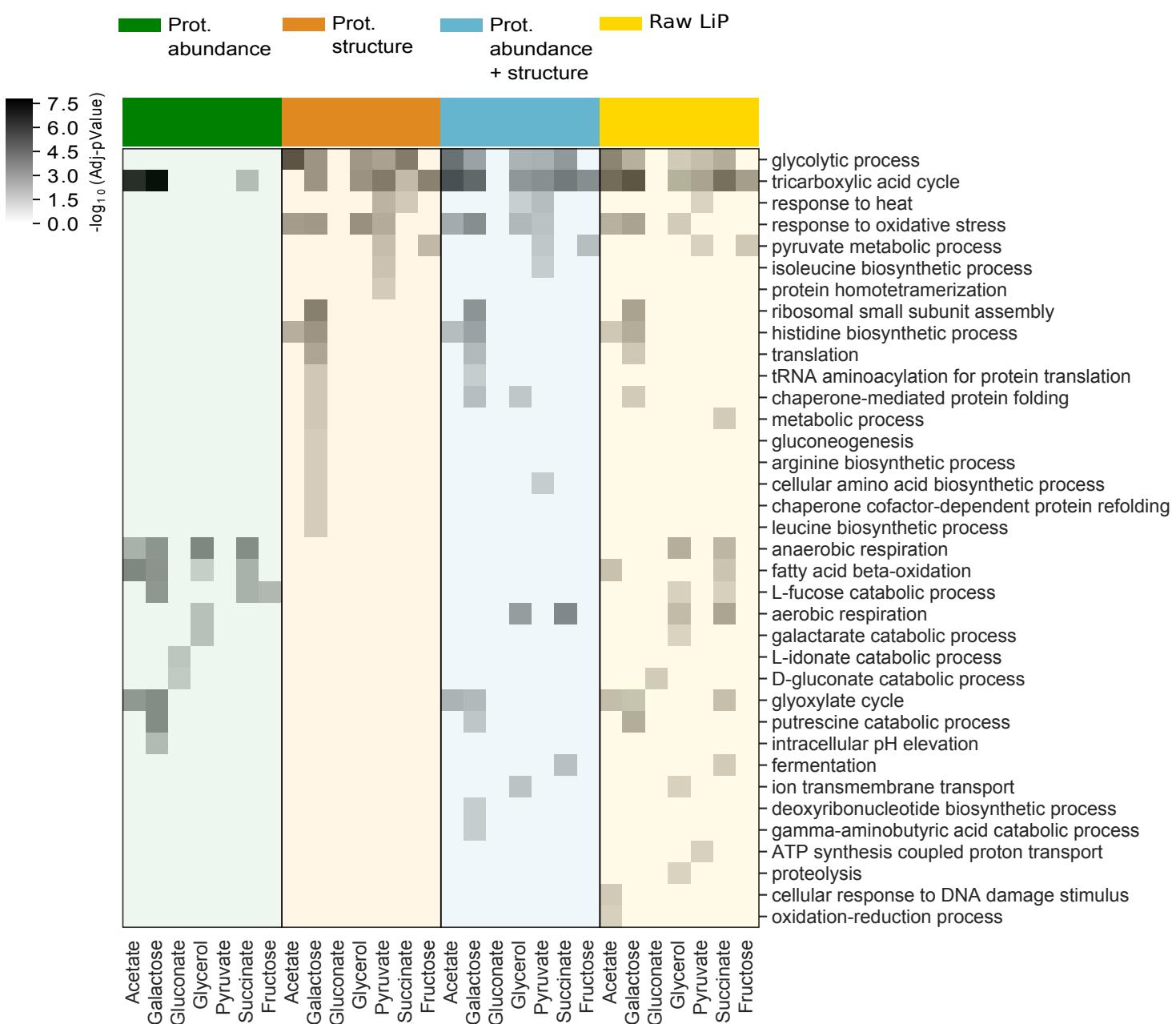


Figure S5