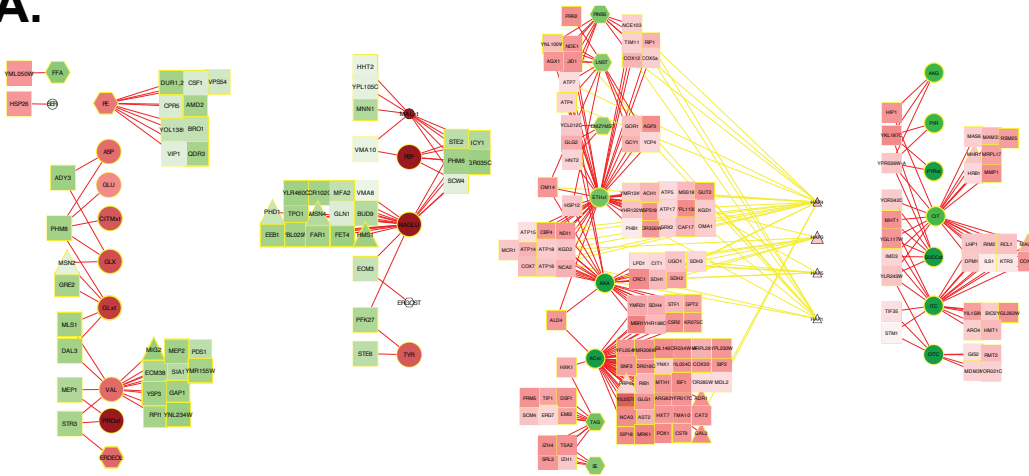
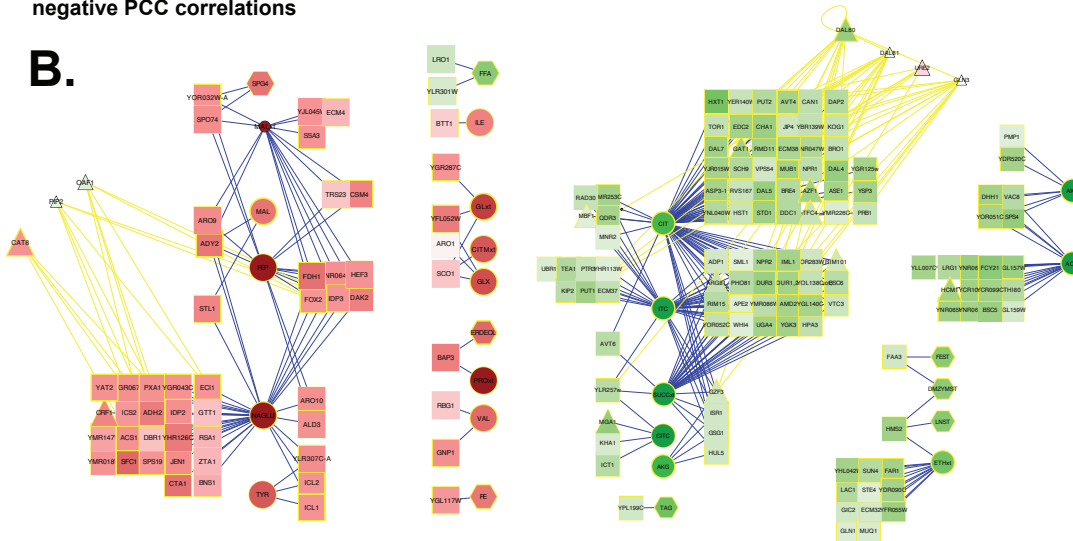


A.



**C-limited versus N-limited:
negative PCC correlations**

B.



**C-limited versus N-limited:
positive PCC correlations**

Node and edge type key:

- Gene
- Metabolite
- Lipid
- △ Transcription Factor
- Negative correlation
- Positive correlation
- Transcription factor interaction

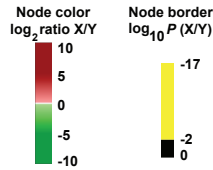


Figure S20 Correlation analysis demonstrates significant ($P \leq 0.001$ following Bonferroni correction) gene-lipid and gene-metabolite relationships when comparing carbon-limited versus nitrogen-limited conditions. (A) Negative Pearson Correlation Coefficients (PCC). (B) Positive Pearson Correlation Coefficients (PCC). Enriched transcription factors are shown (yellow edges). Measurement ratios were visualized with a \log_2 color-bar and the color of each node border represents the $\log_{10}(p\text{-value})$ (see node and edge color key).