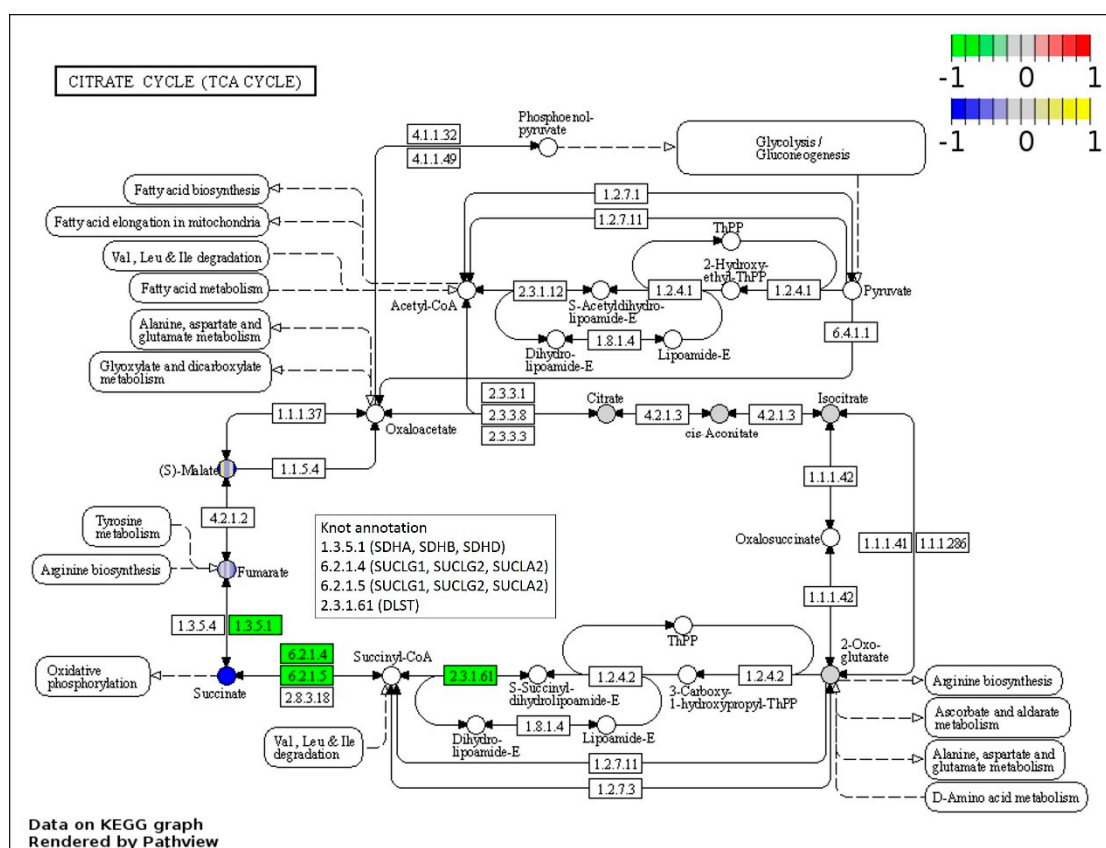


**Figure S1. Top 50 up-regulated proteins in TPN piglets** (A) Heatmap of top 50 up-regulated proteins in TPN piglets. (B) Protein-protein interaction (PPI) analysis among top 50 up-regulated proteins.





**Figure S3. KEGG pathway plotting for the altered proteins and metabolites involved in Citrate cycle.**