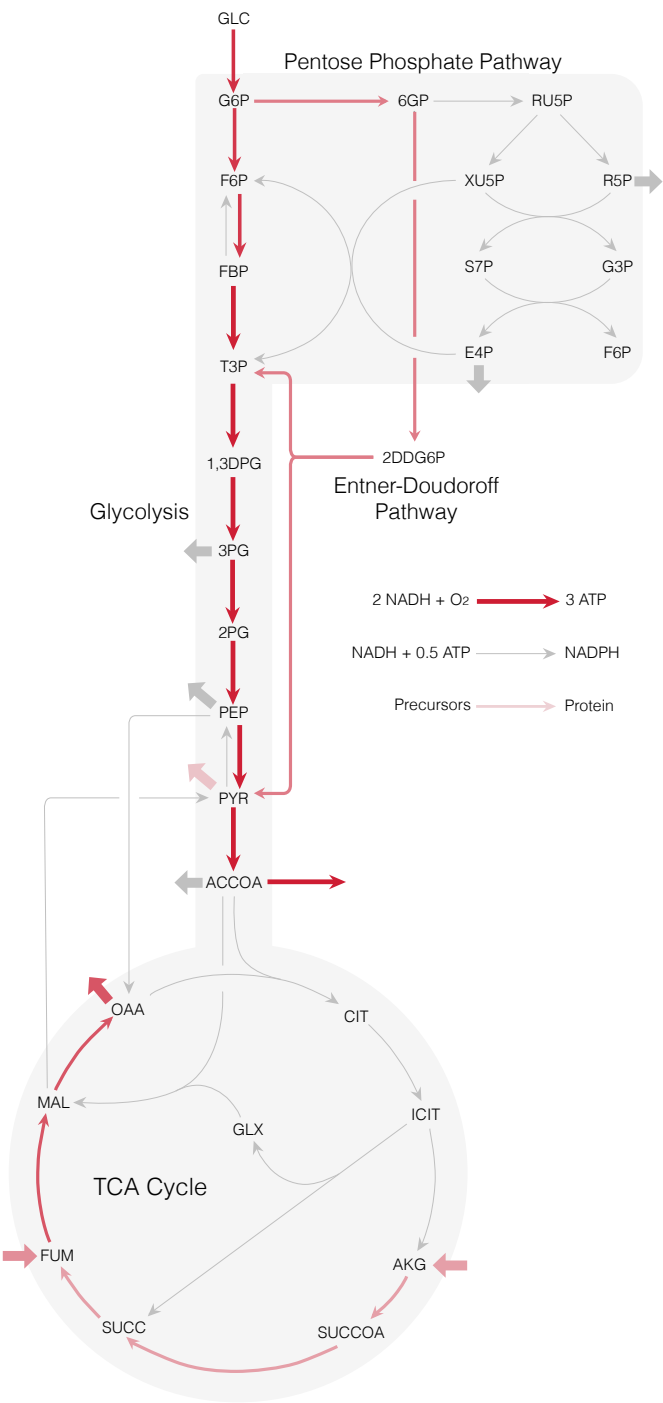
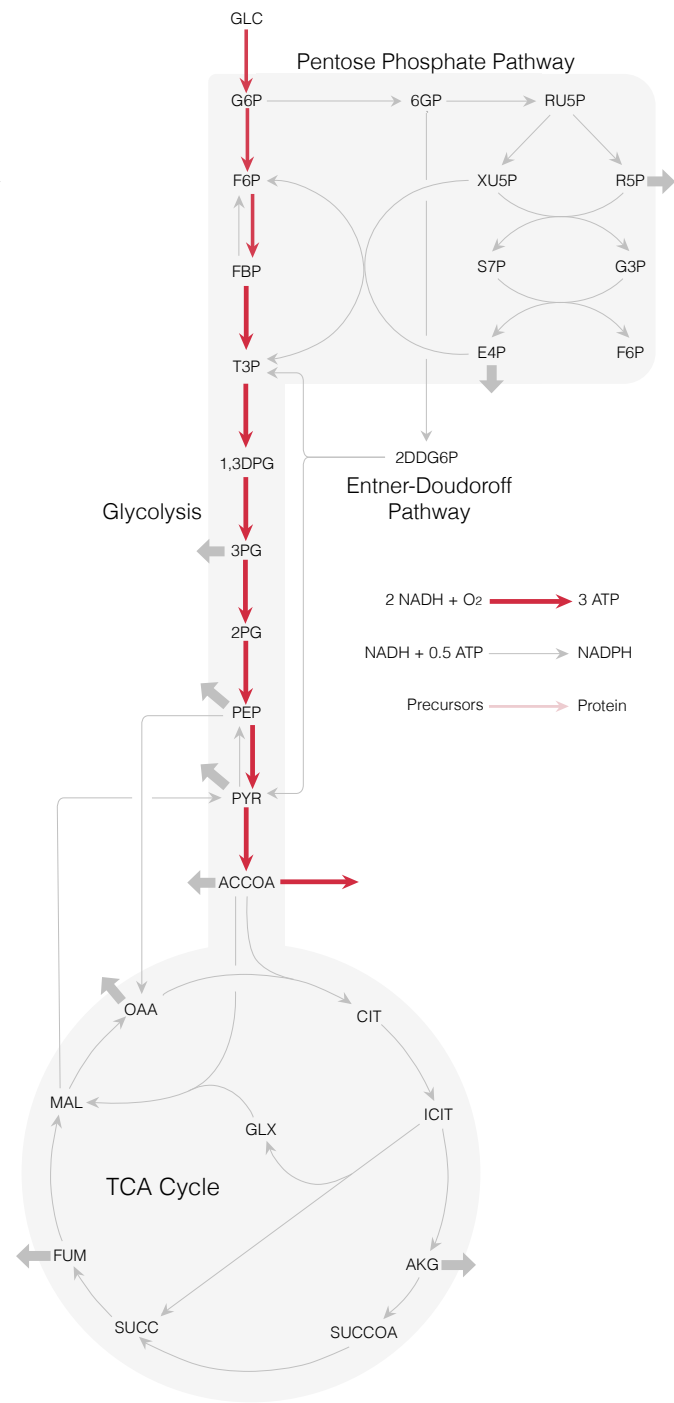


A

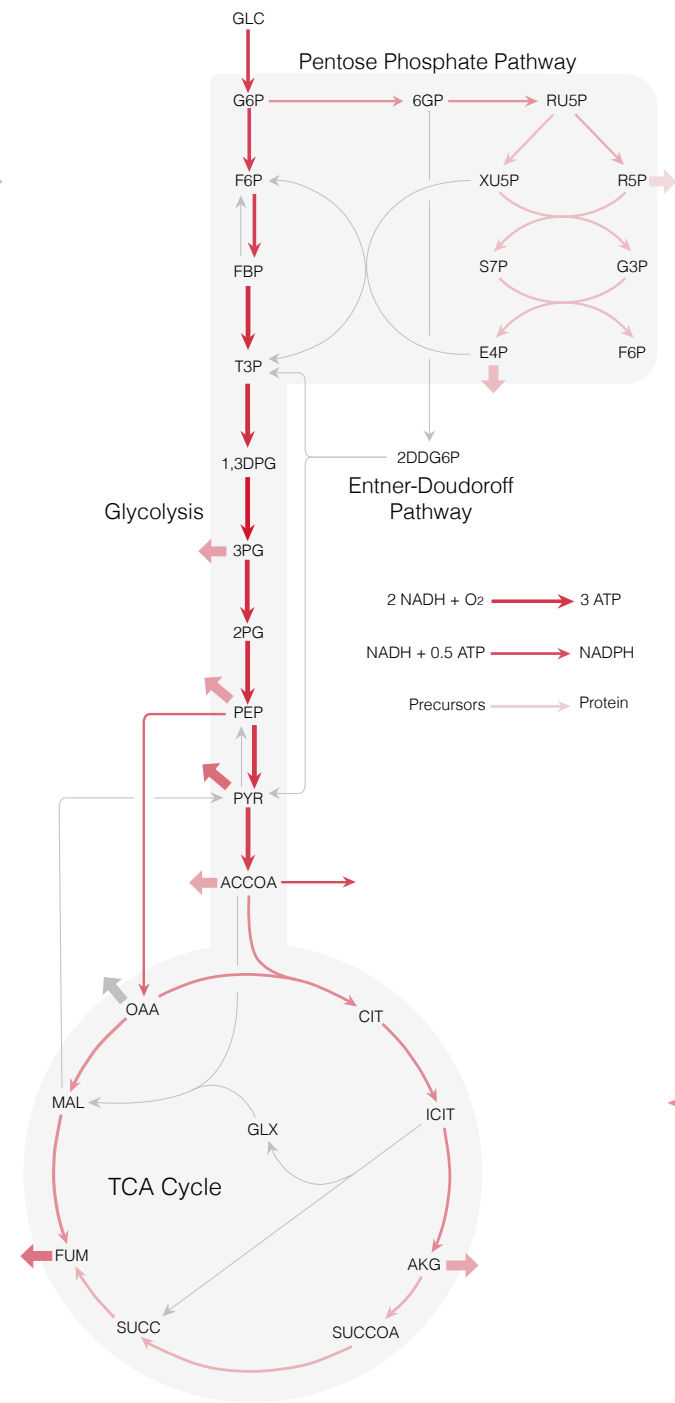
AA Uptake & Synthesis

**B**

AA Uptake w/o Synthesis

**C**

AA Synthesis w/o Uptake

**D**

Experimental Measurements

