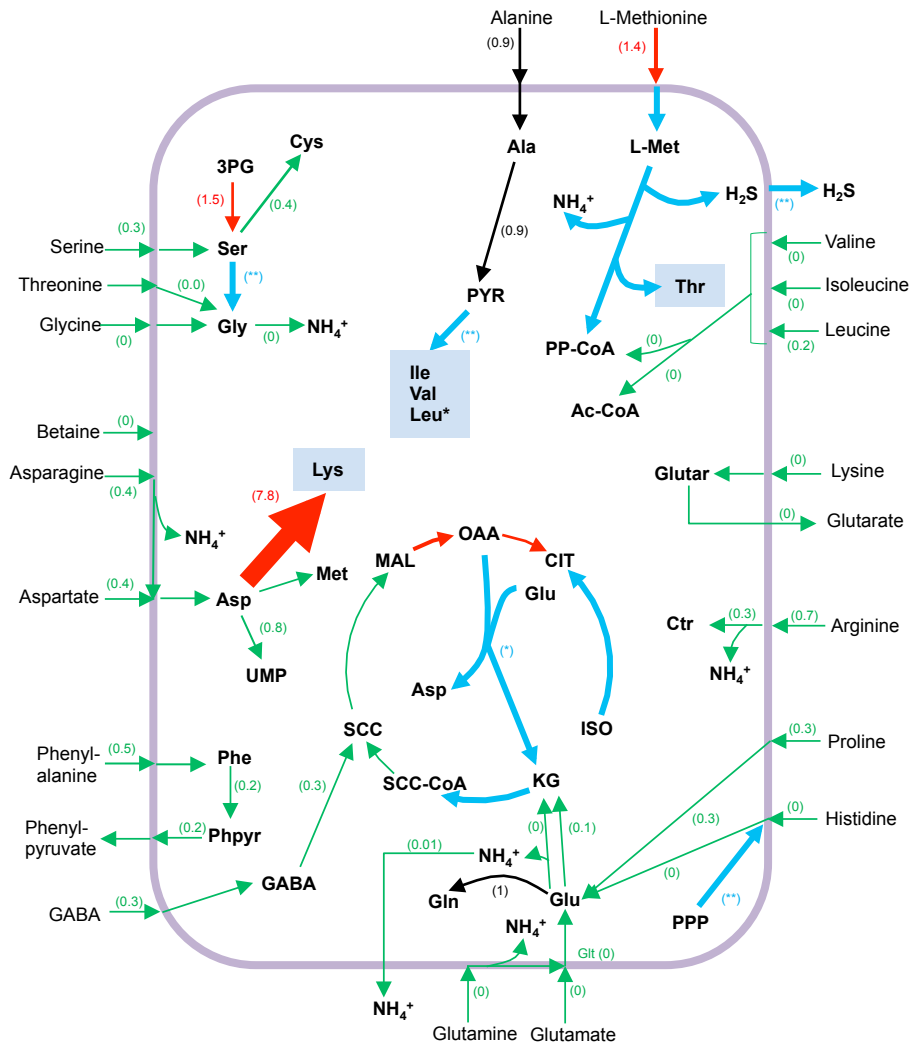
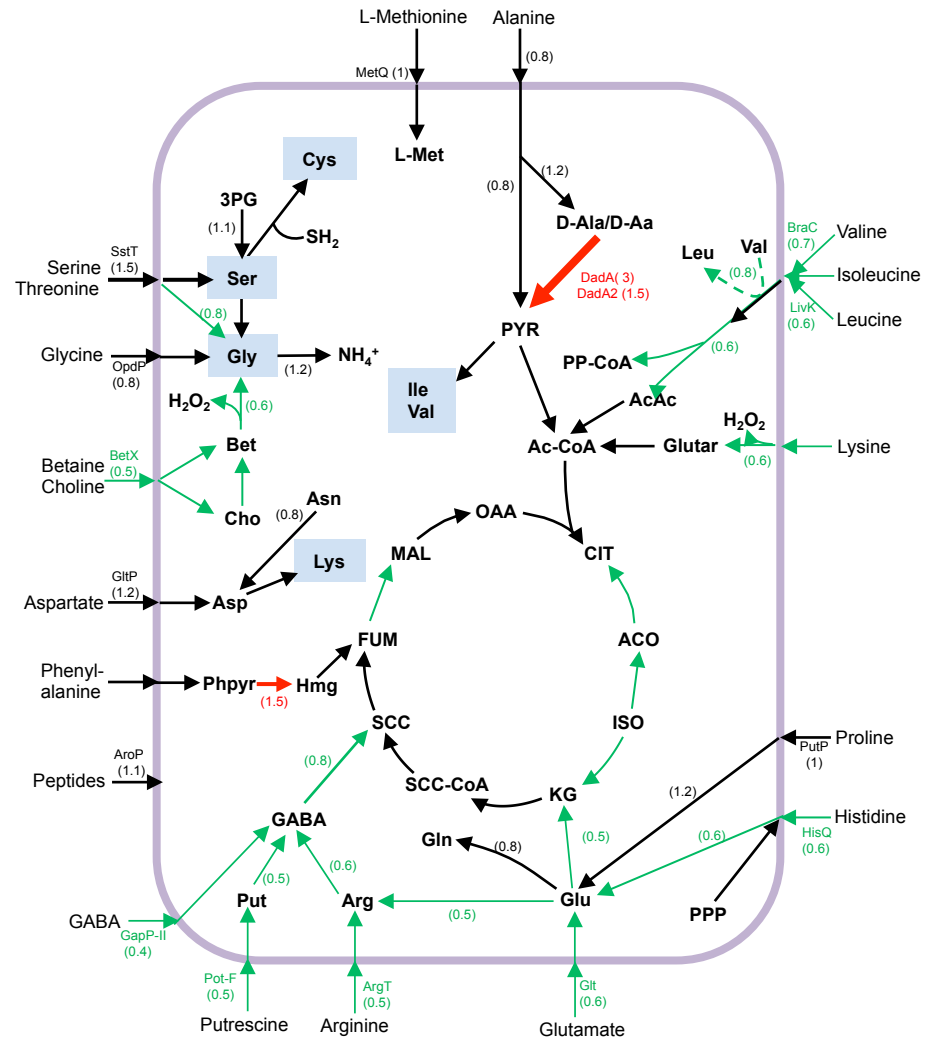


## A. Flux model



## B. Proteomics



\*Only the last step of Leucine biosynthesis is upregulated, all other steps decrease

Metabolism of amino acids, Crc-null strain, mid phase vs. early phase