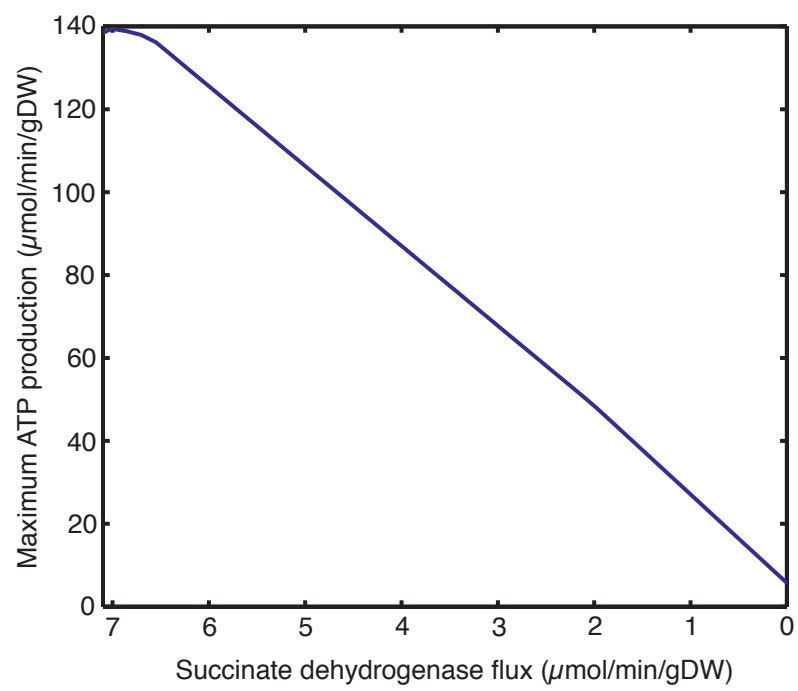
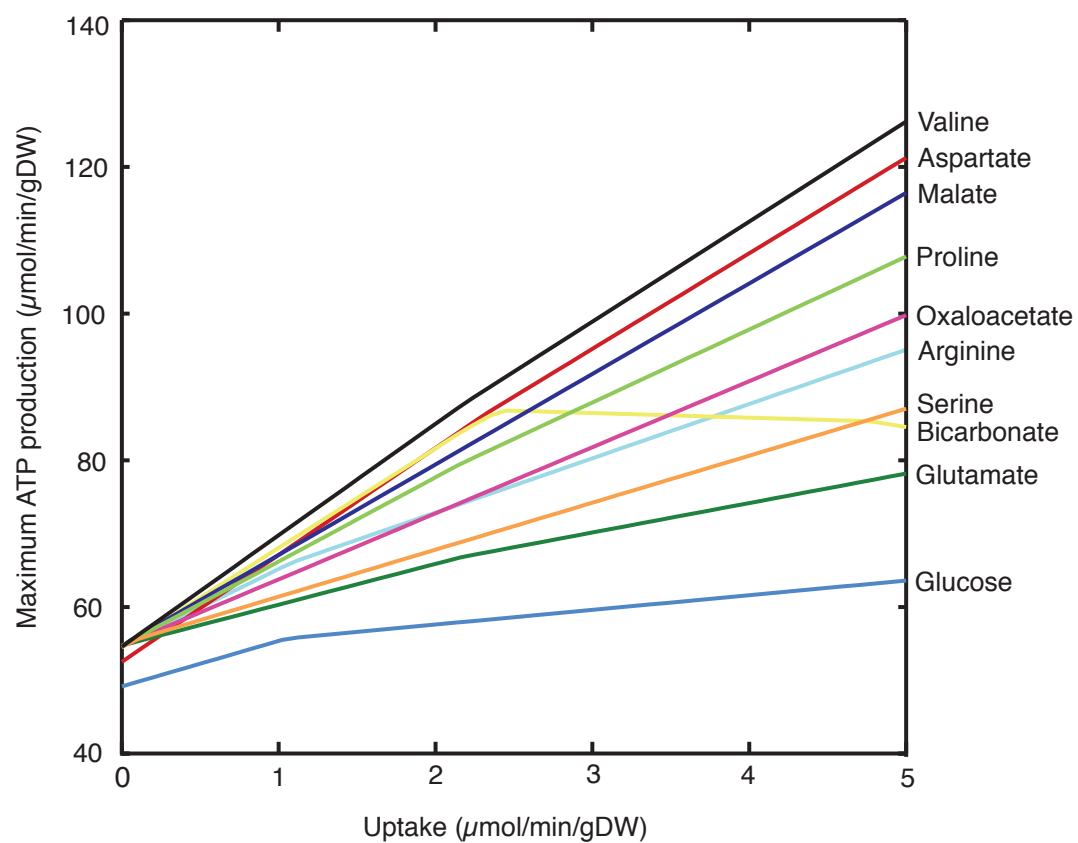


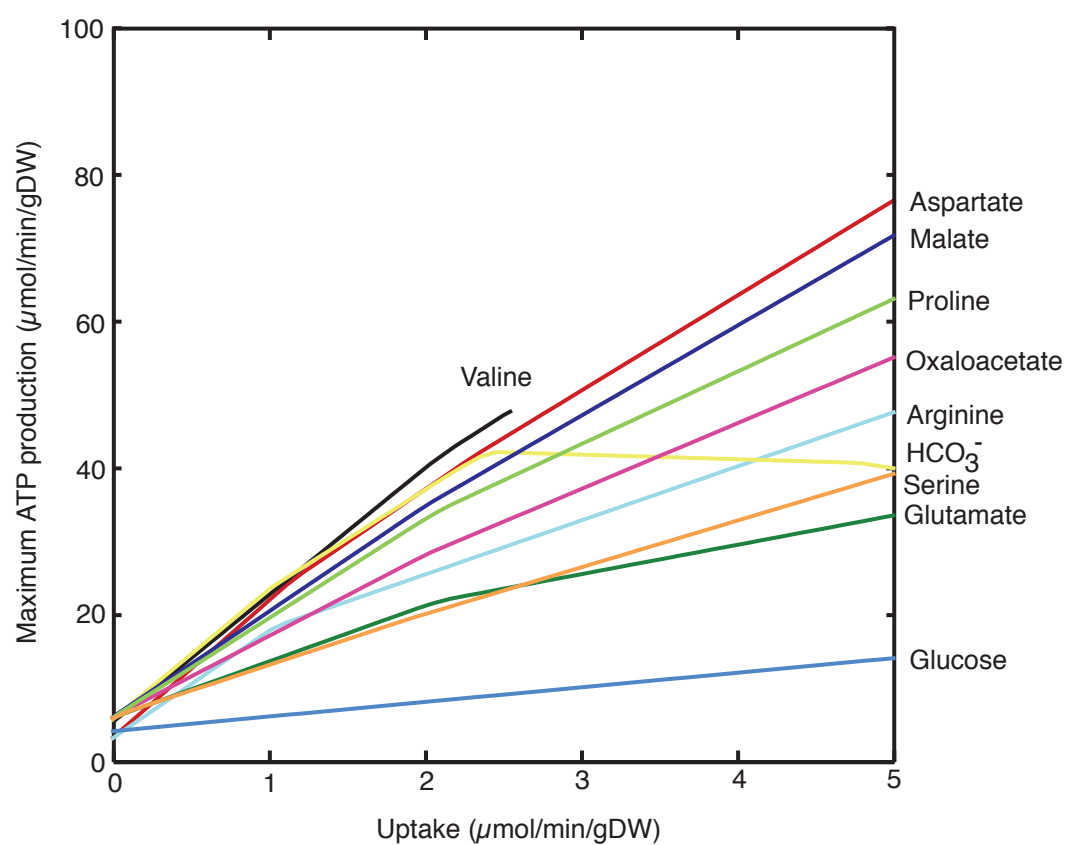
## Supplementary Figures



**Supplementary Figure S1.** Effect of varying succinate dehydrogenase flux on maximum ATP production.



**Supplementary Figure S2.** Effects of metabolites on maximum ATP production while succinate dehydrogenase deficiency flux is at 33% of its flux under normal conditions.



**Supplementary Figure S3.** Effects of metabolites on maximum ATP production while succinate dehydrogenase deficiency flux is at 0% of its flux under normal conditions.

