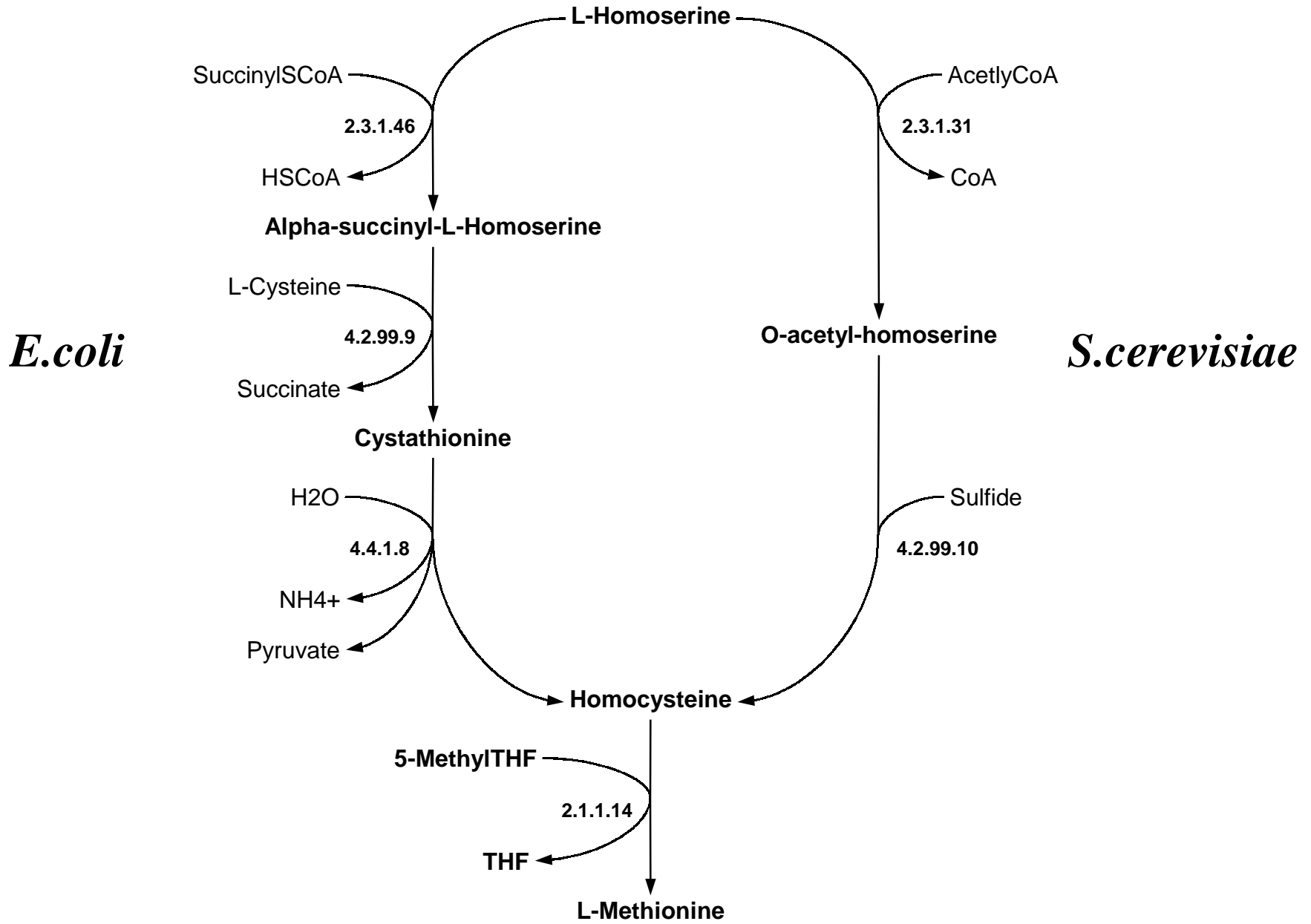
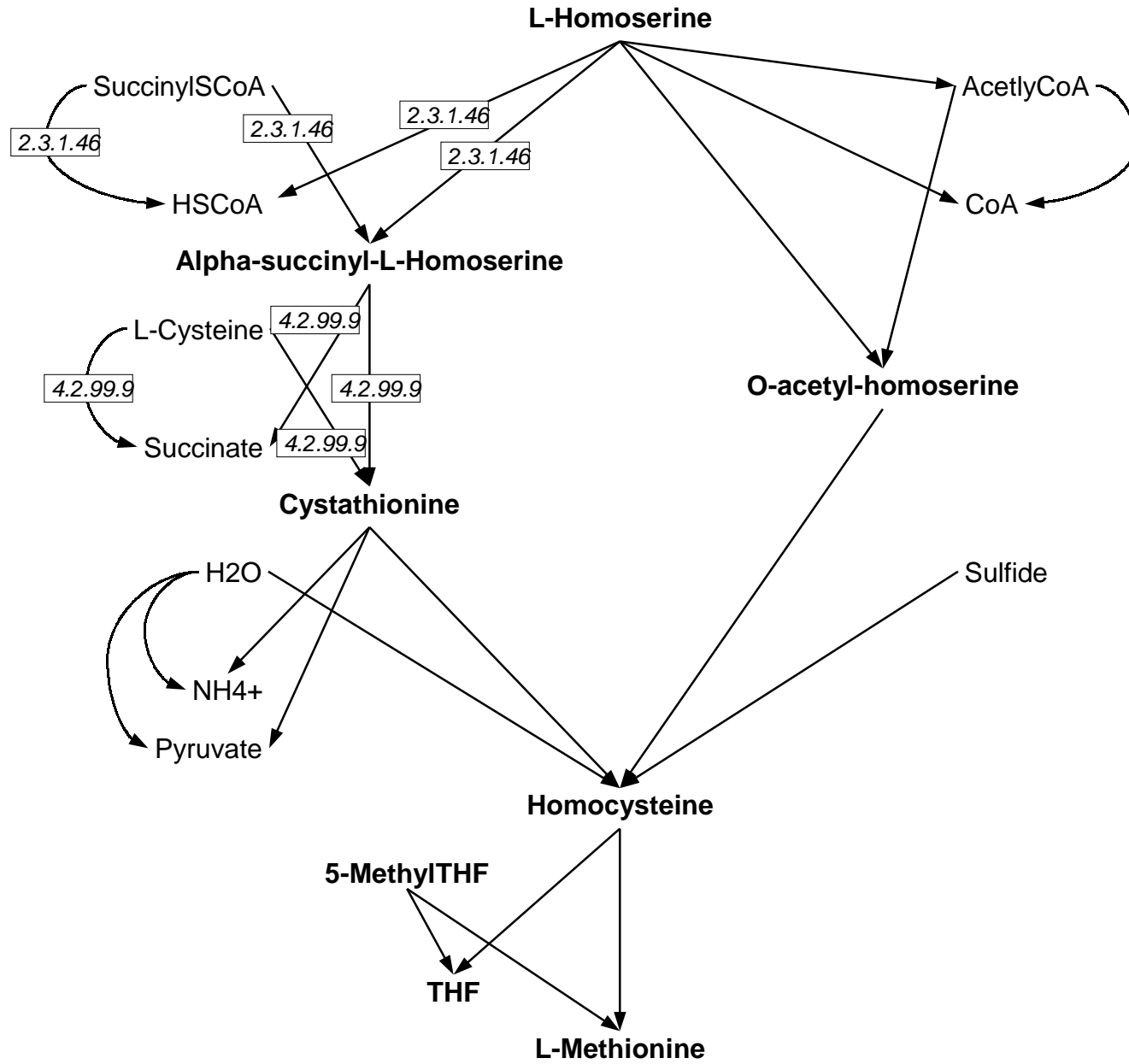
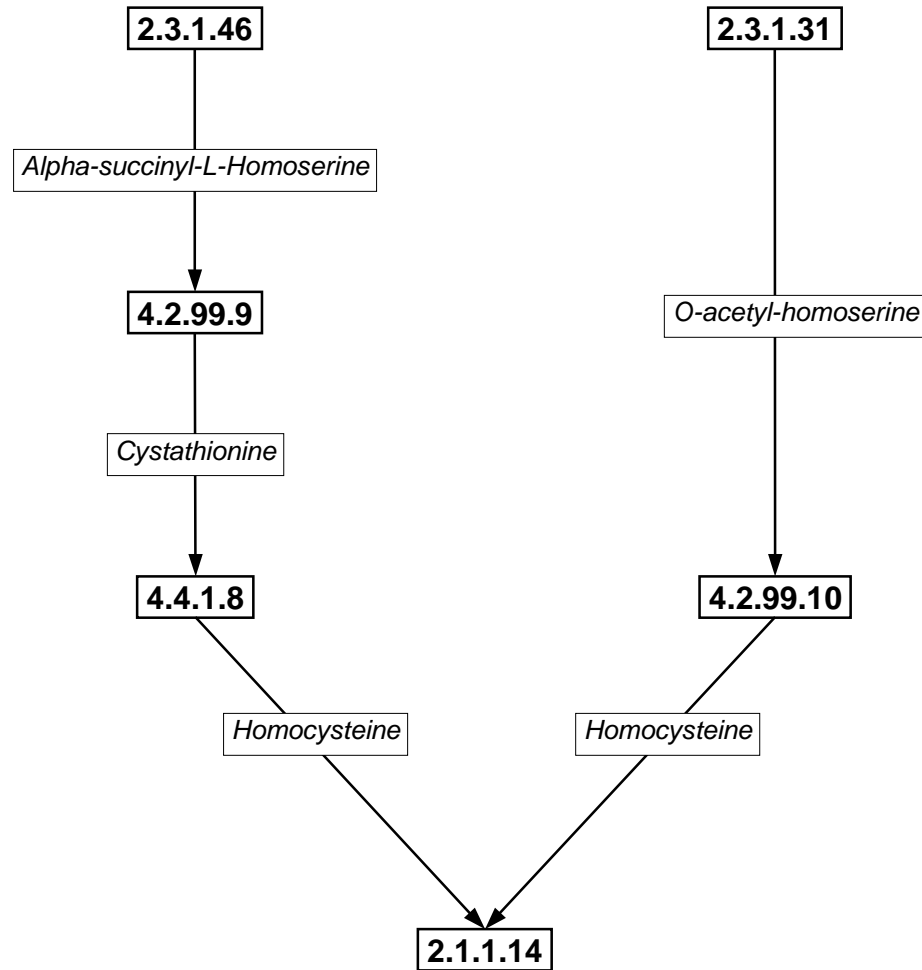


A

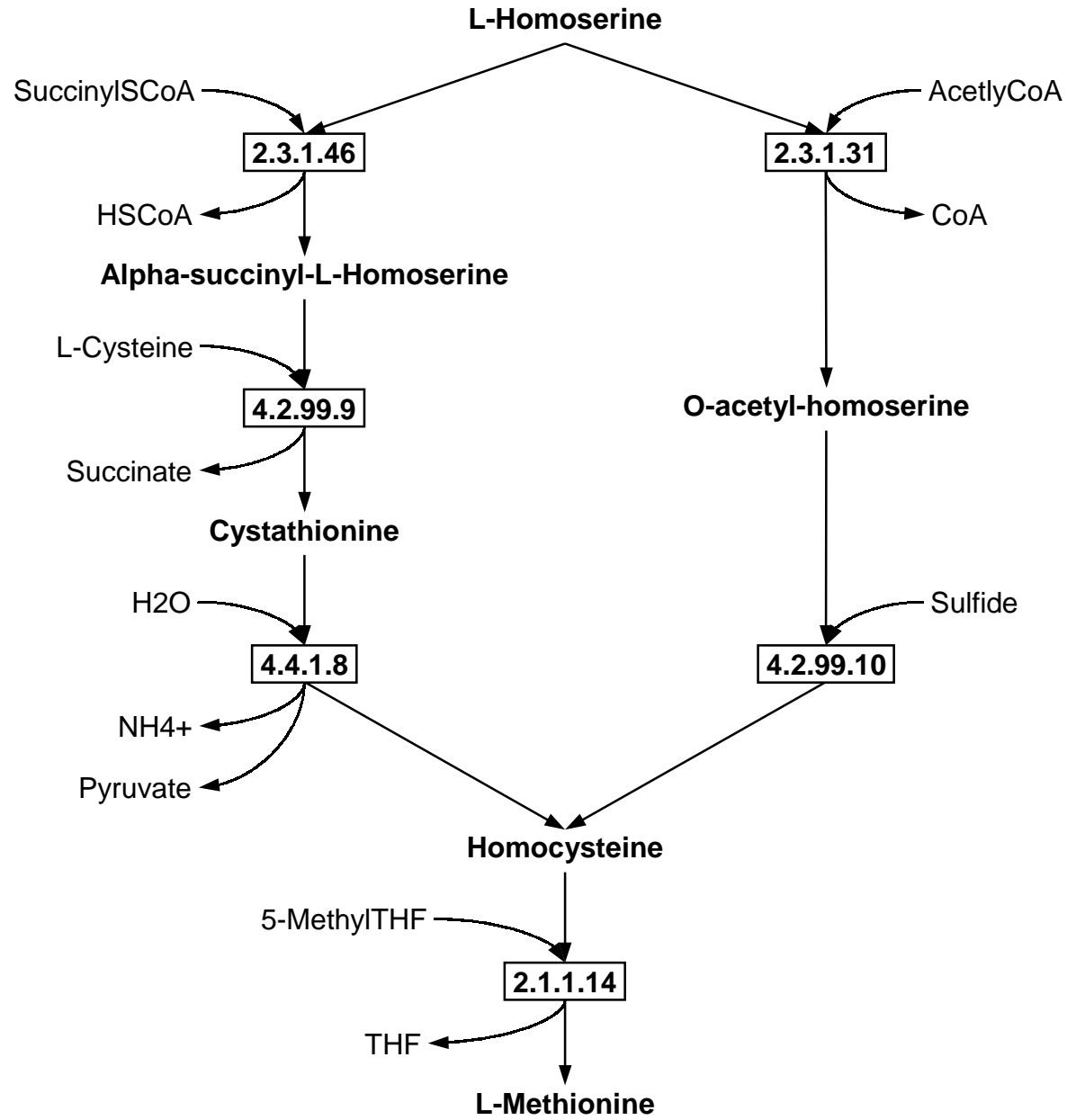


B

C

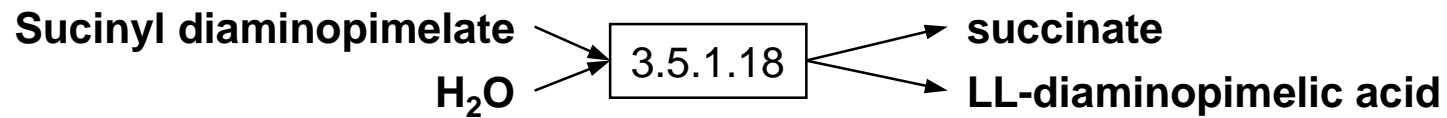
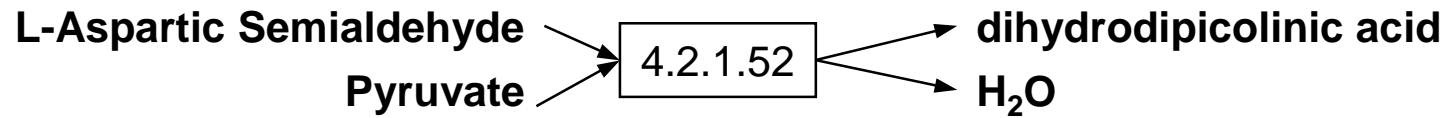


D

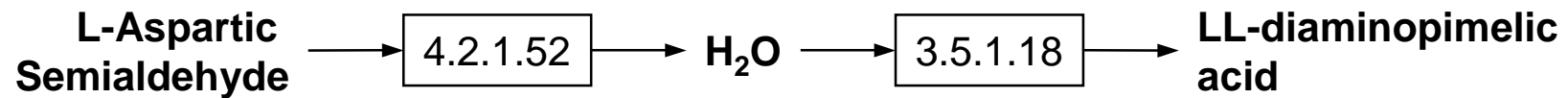


A

Reactions

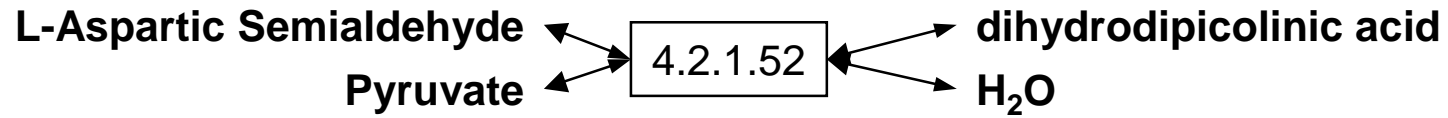


Invalid path

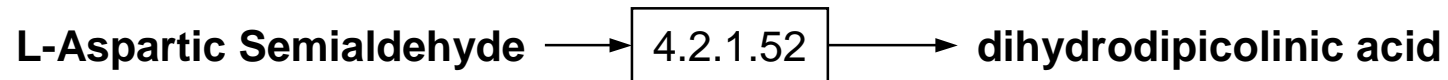


B

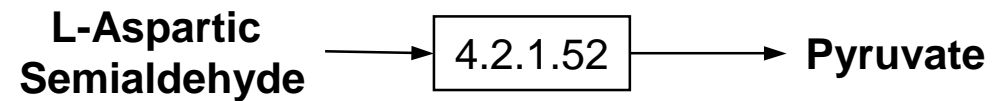
Reaction



Valid path

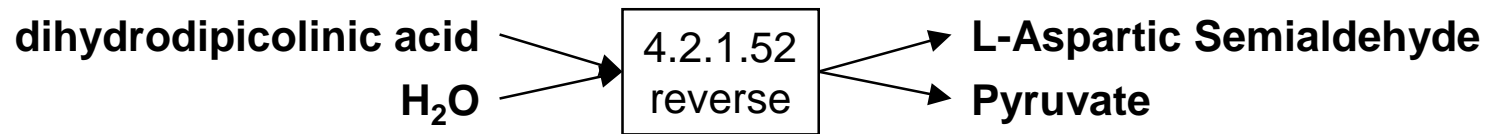
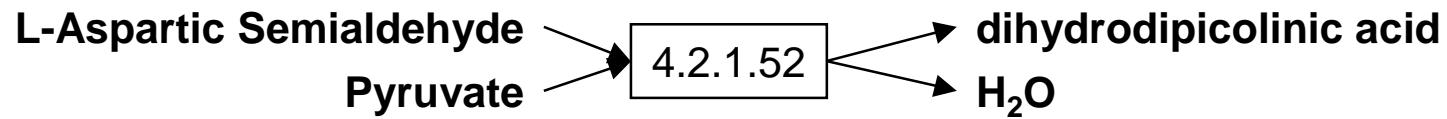


Invalid path



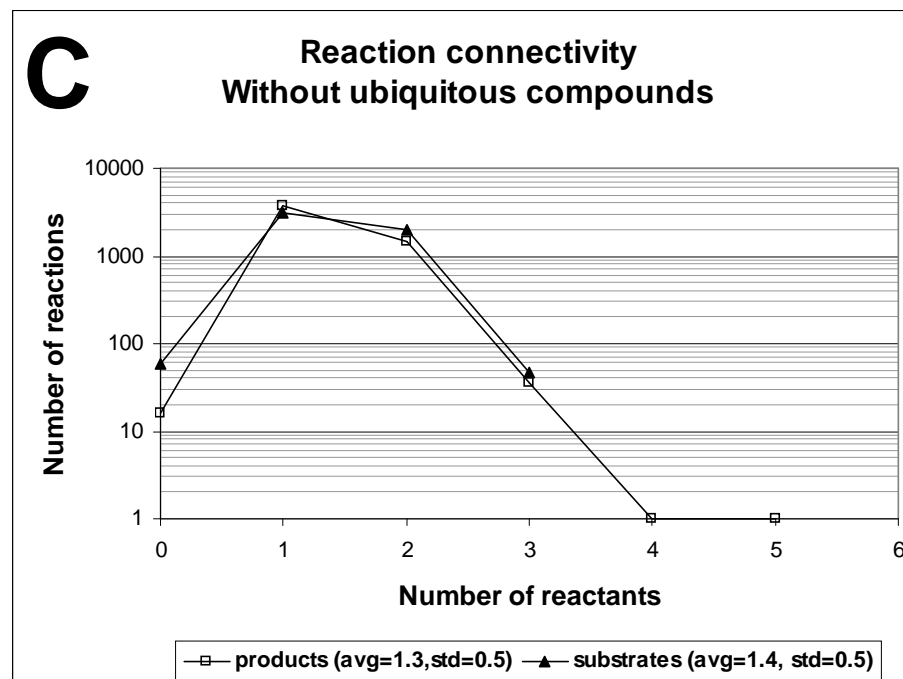
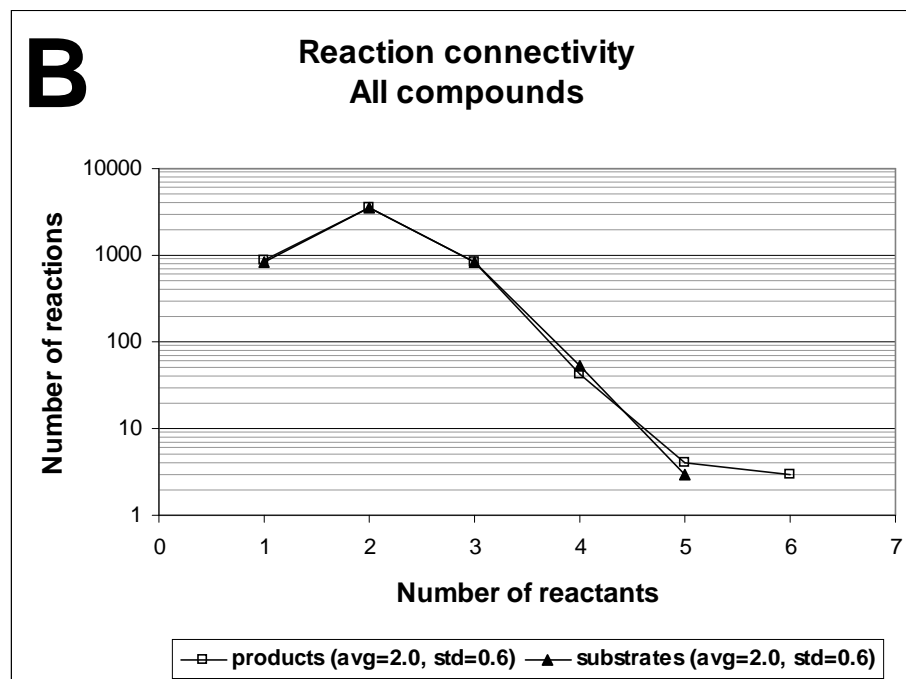
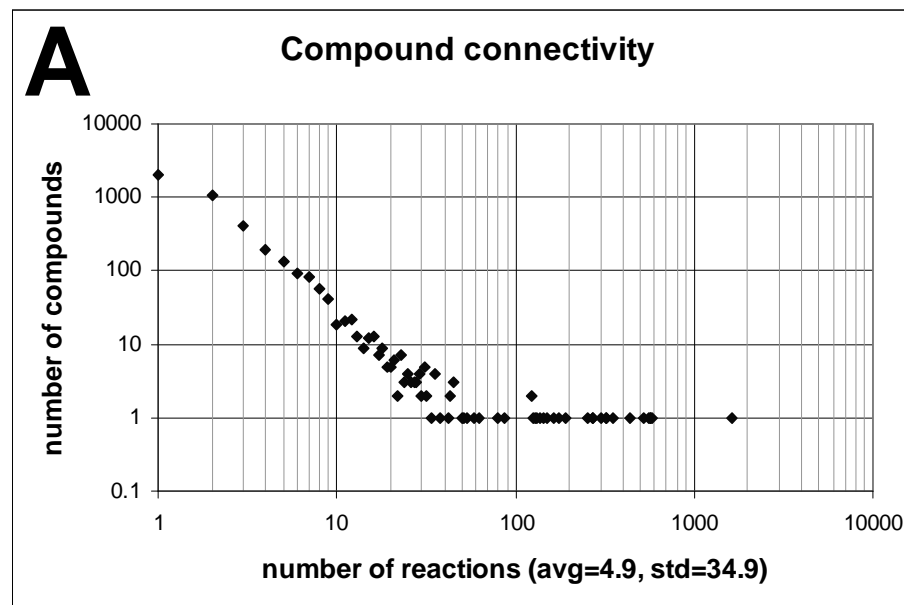
C

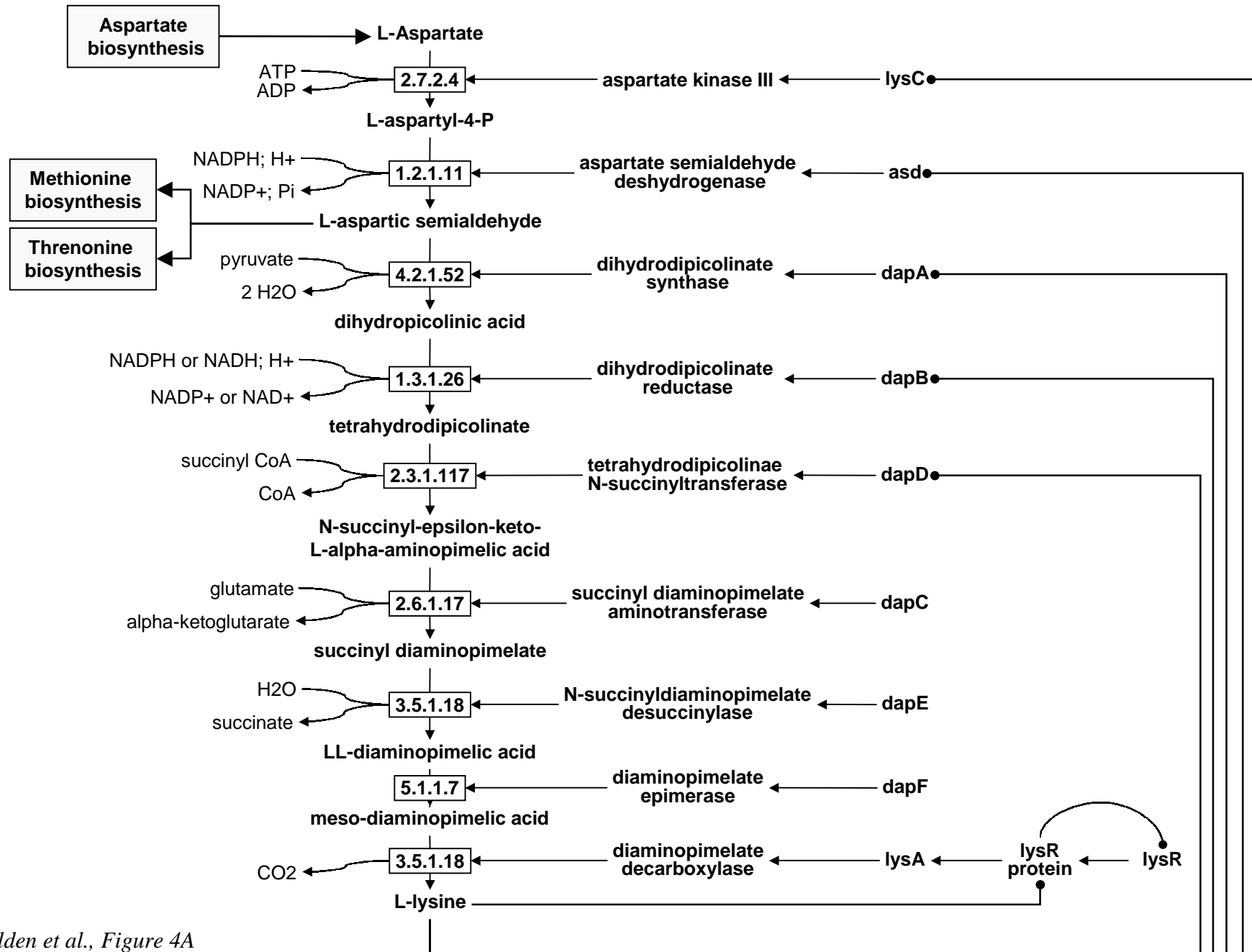
Reactions



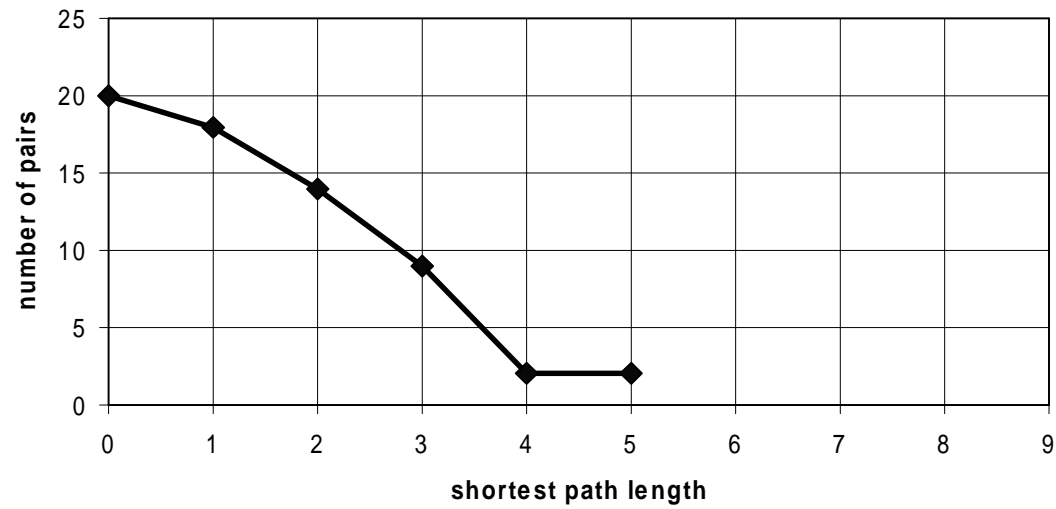
Invalid path





A

A Distribution of shortest path length between fusion partners



B Distribution of shortest path length between random pairs of enzymes

