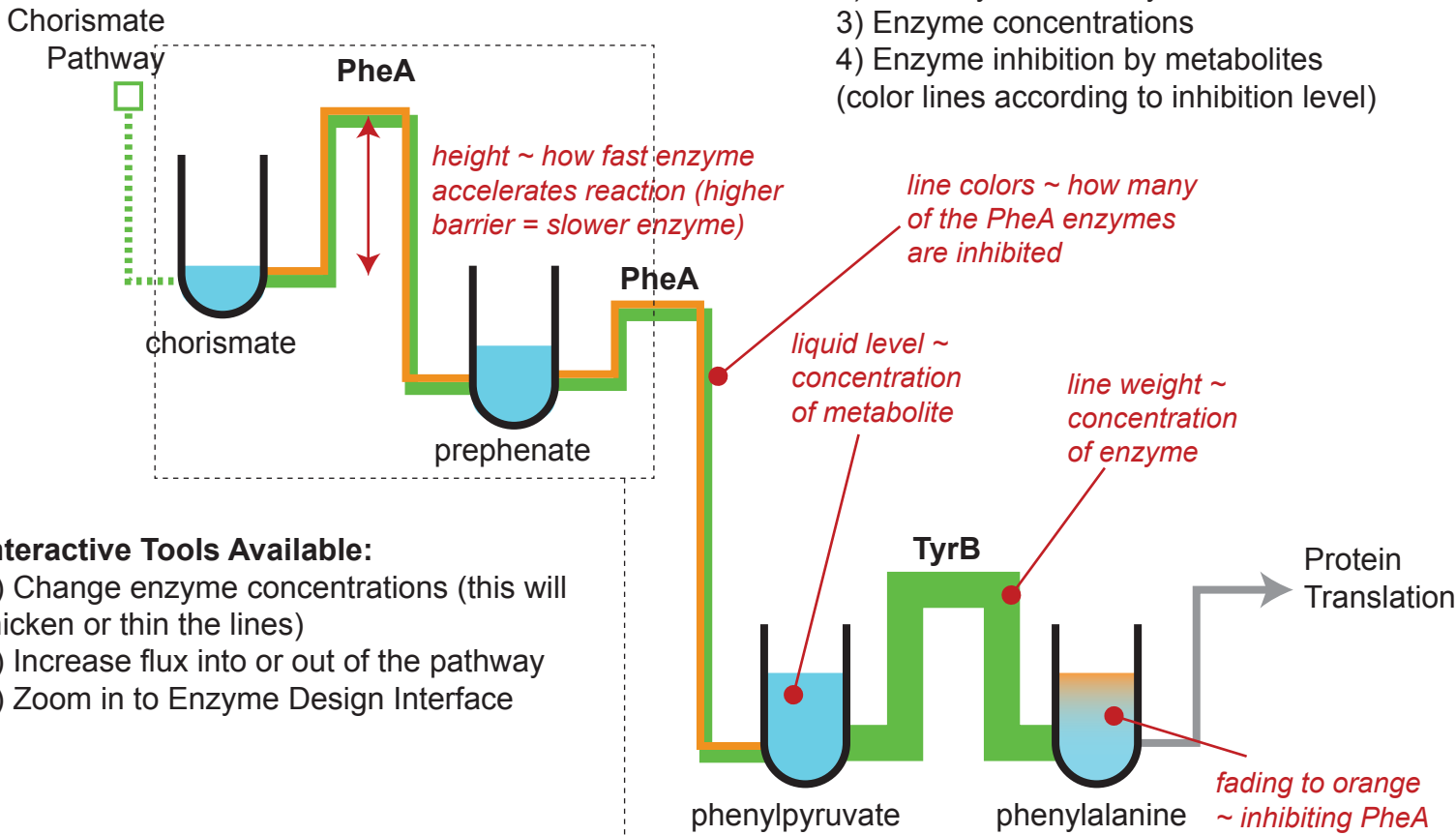


Pathway Overview

Information presented:

- 1) Metabolite concentrations
- 2) Pathway connectivity
- 3) Enzyme concentrations
- 4) Enzyme inhibition by metabolites (color lines according to inhibition level)



Interactive Tools Available:

- 1) Change enzyme concentrations (this will thicken or thin the lines)
- 2) Increase flux into or out of the pathway
- 3) Zoom in to Enzyme Design Interface

Enzyme Design Interface

Information Presented:

- 1) Enzyme affinity for substrate and product metabolites
- 2) Catalytic activity (how fast the enzyme accelerates the reaction)
- 3) Cofactors (if necessary)

Interactive Tools Available:

- 1) Adjust enzyme affinity
- 2) Adjust catalytic activity

