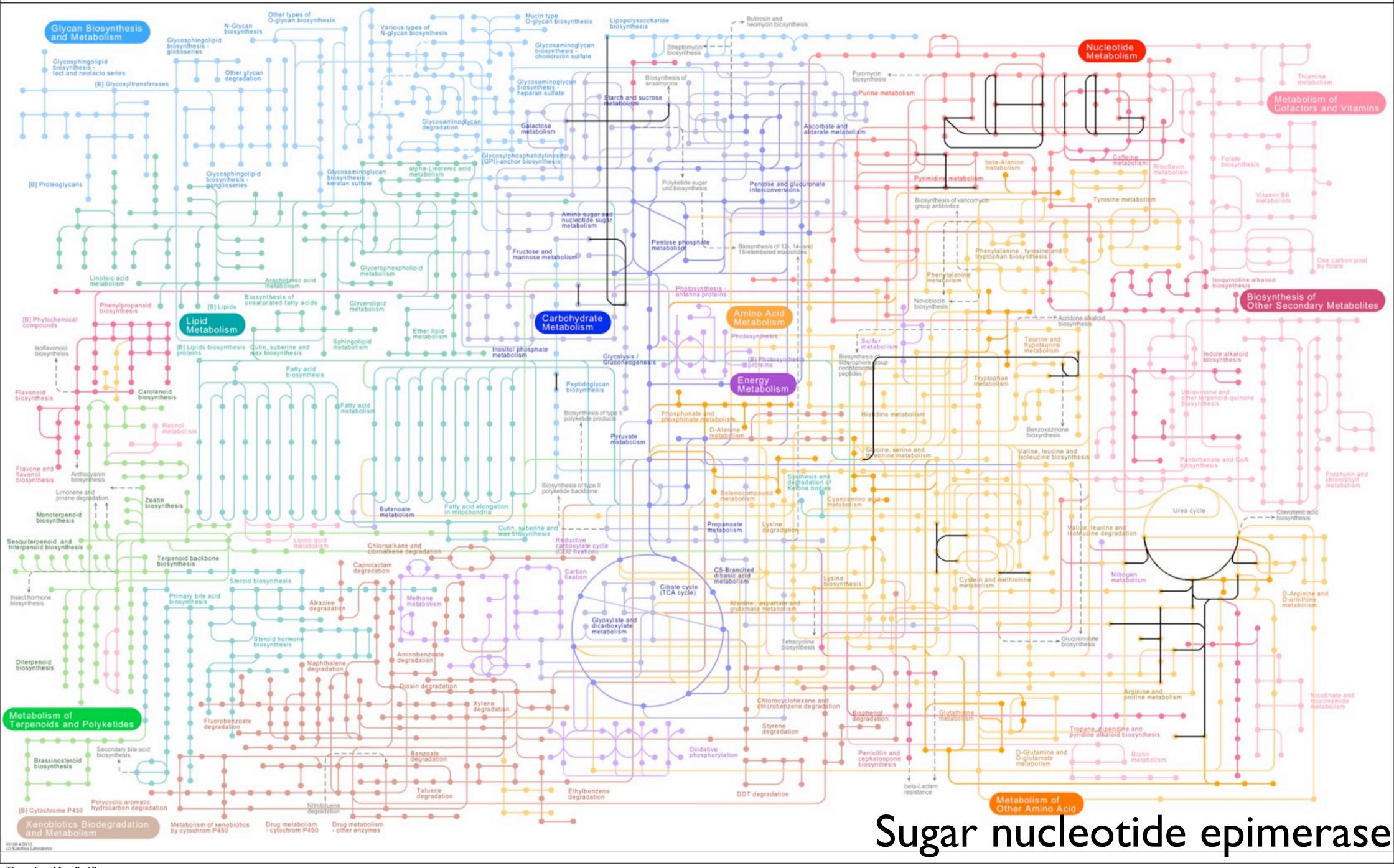
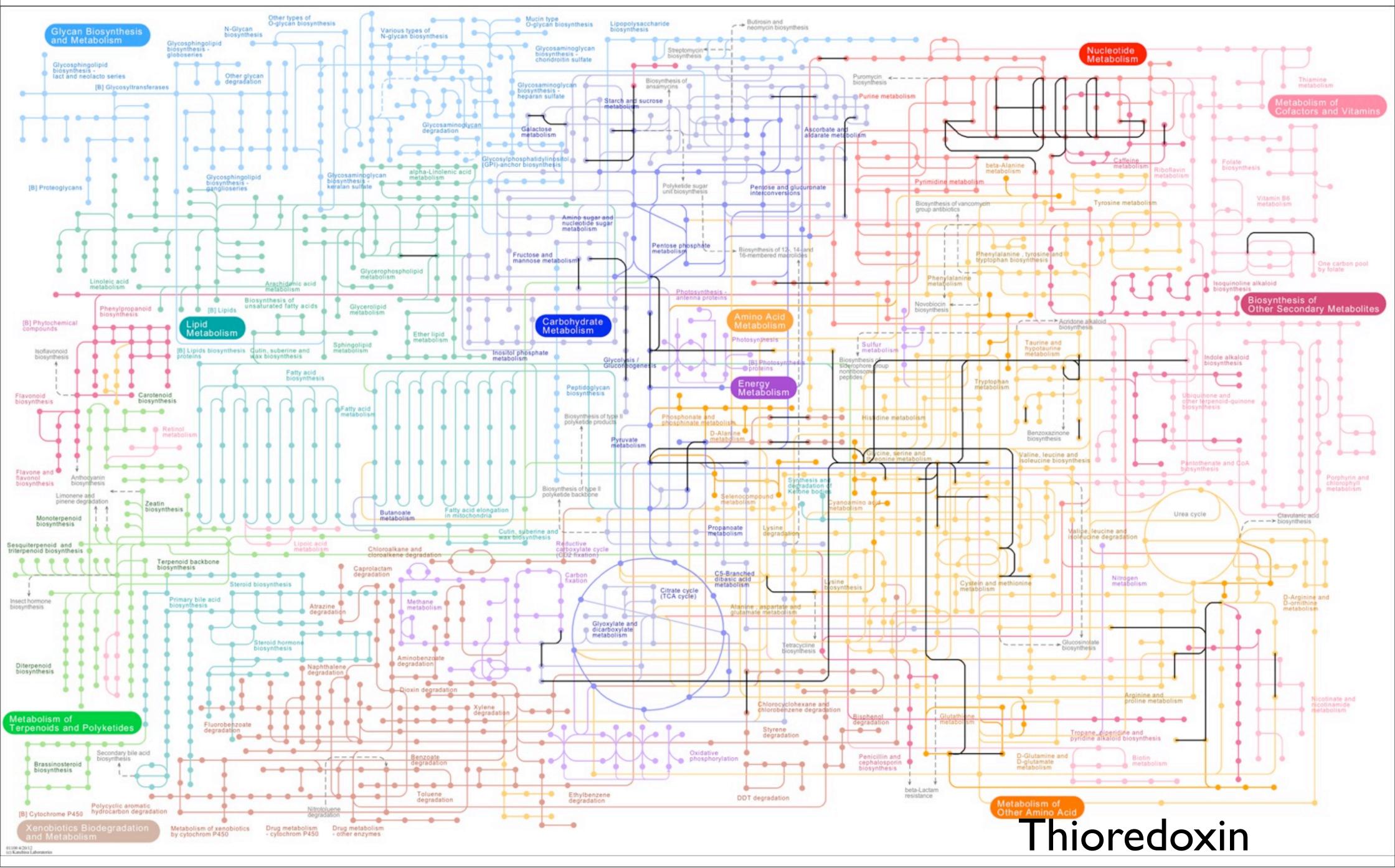
Dimensions 05-03-12 Update

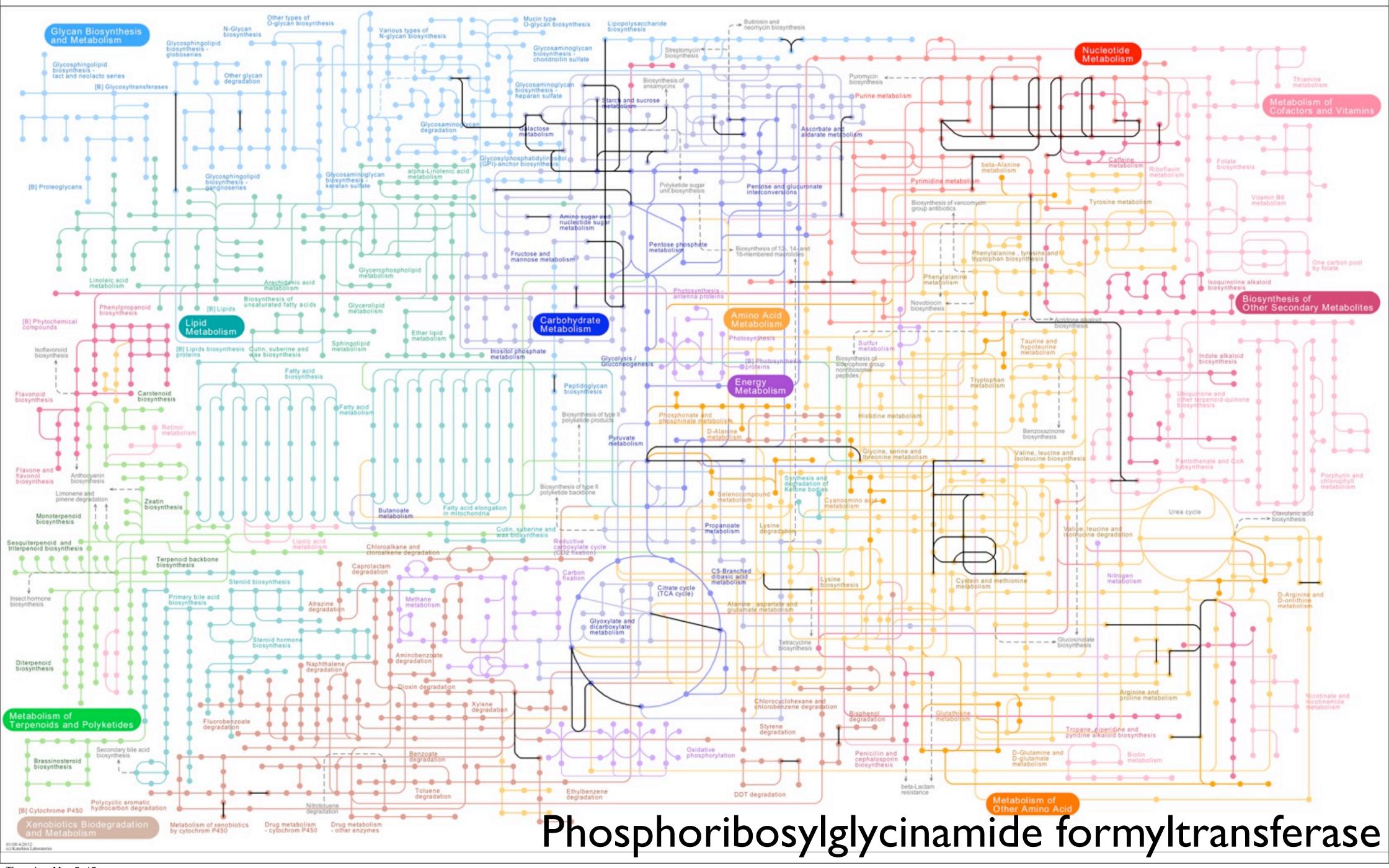
Jeremy Frank

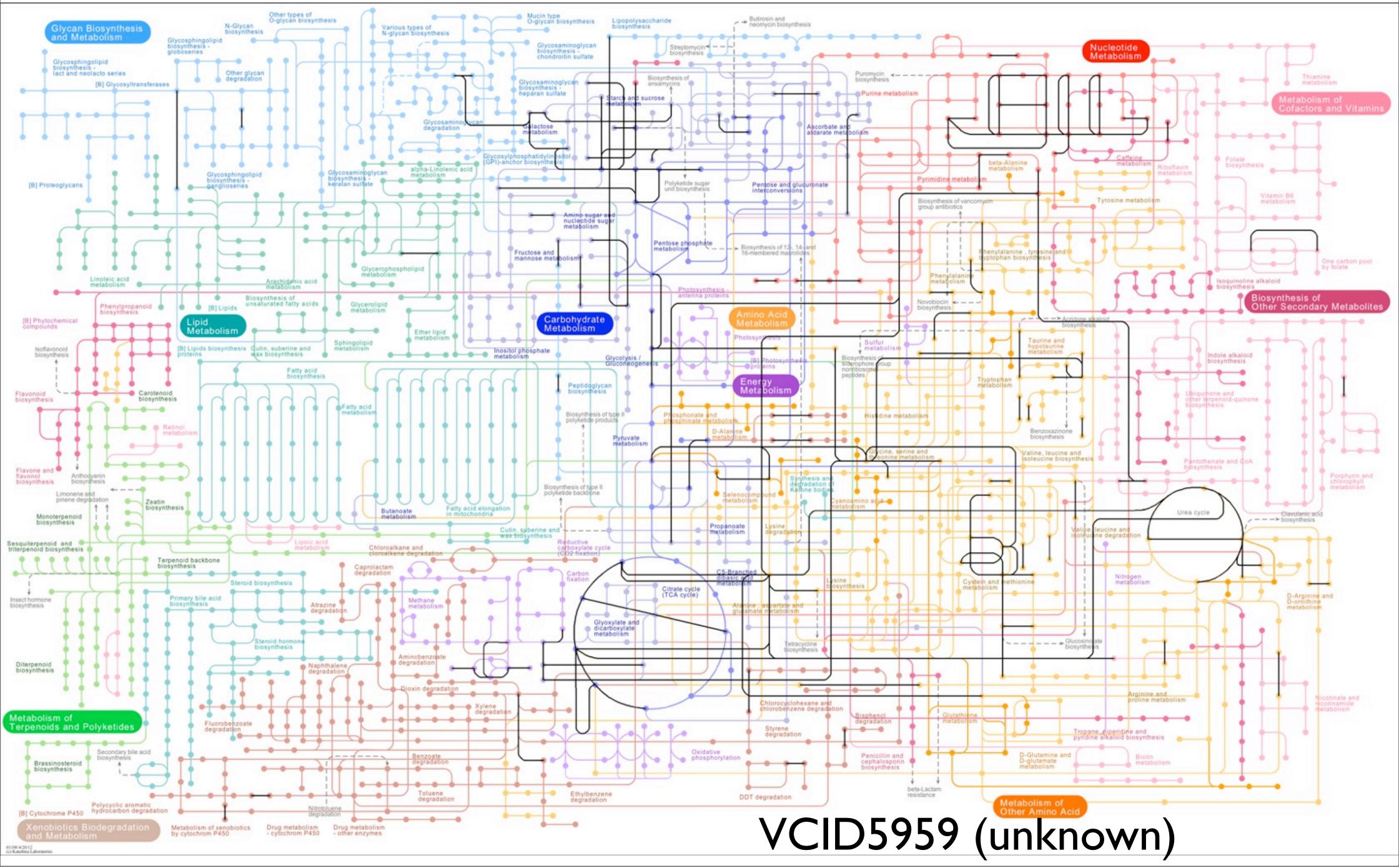
Dimensions Physiology Data

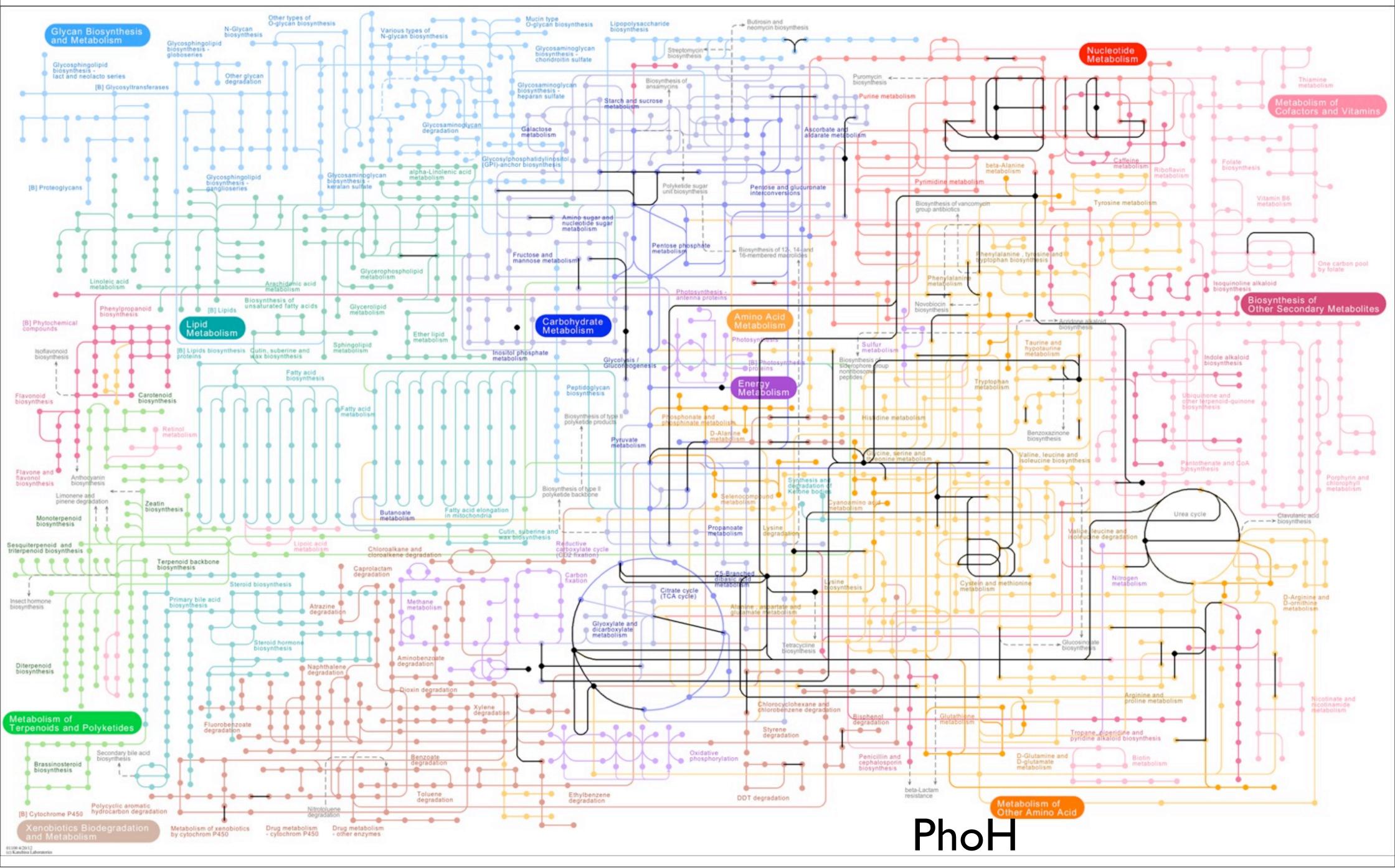
- Evaluated all metabolomics data (clone vs empty vector pairwise comparisons)
- •Some compounds/subsystems come up all the time
- •Will compare all comparisons to identify which pathways are always hit (= less informative)
- Do subtraction and evaluate left over data
- •Starting the code for converting significant reactions to colored metabolic maps
- Need to identify which maps are most informative
- •Will still have a list of 10s of maps
- •Need to generate "longest affected pathways" to show linkage between maps...have the code, need to edit it to increase efficiency

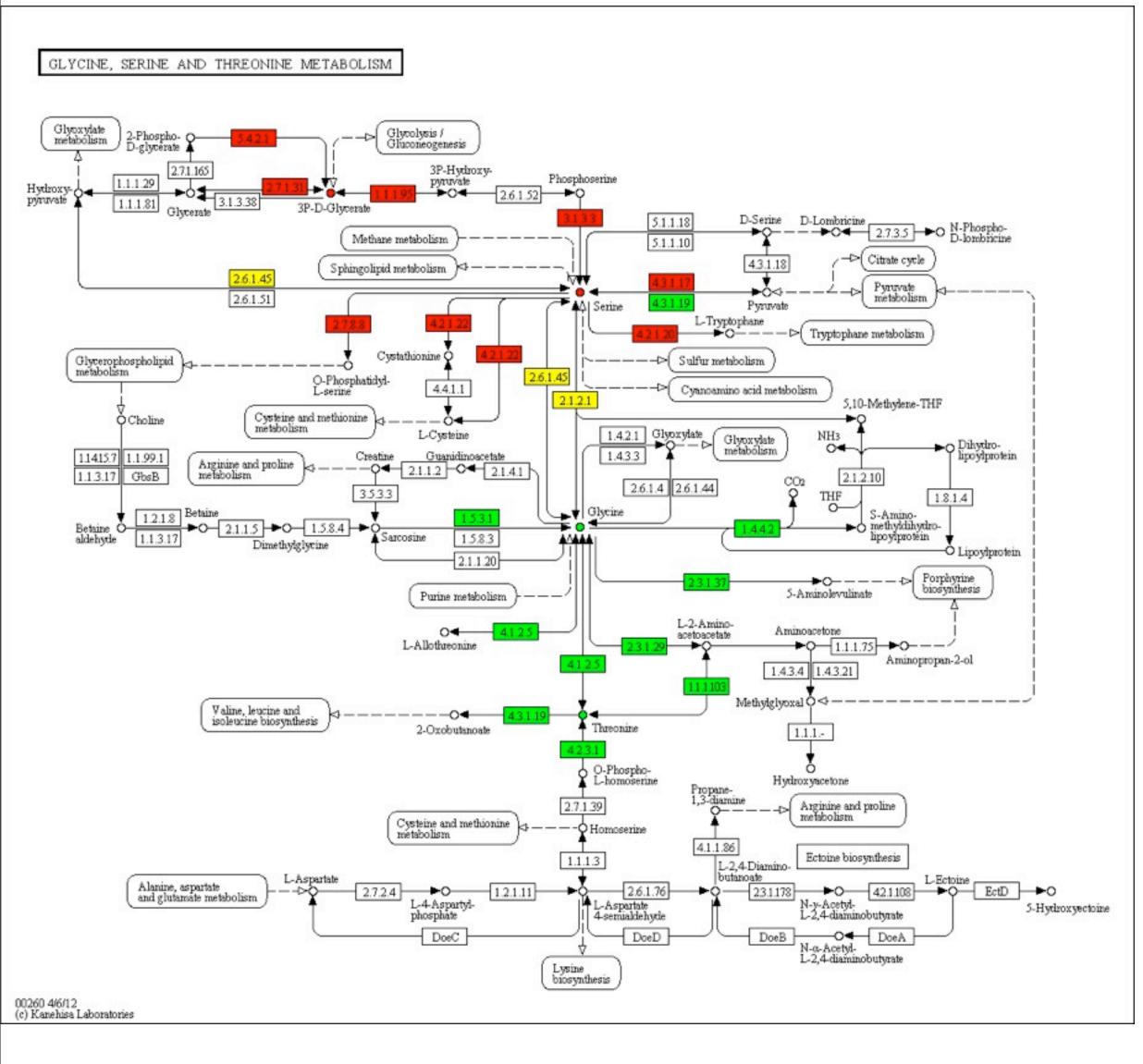




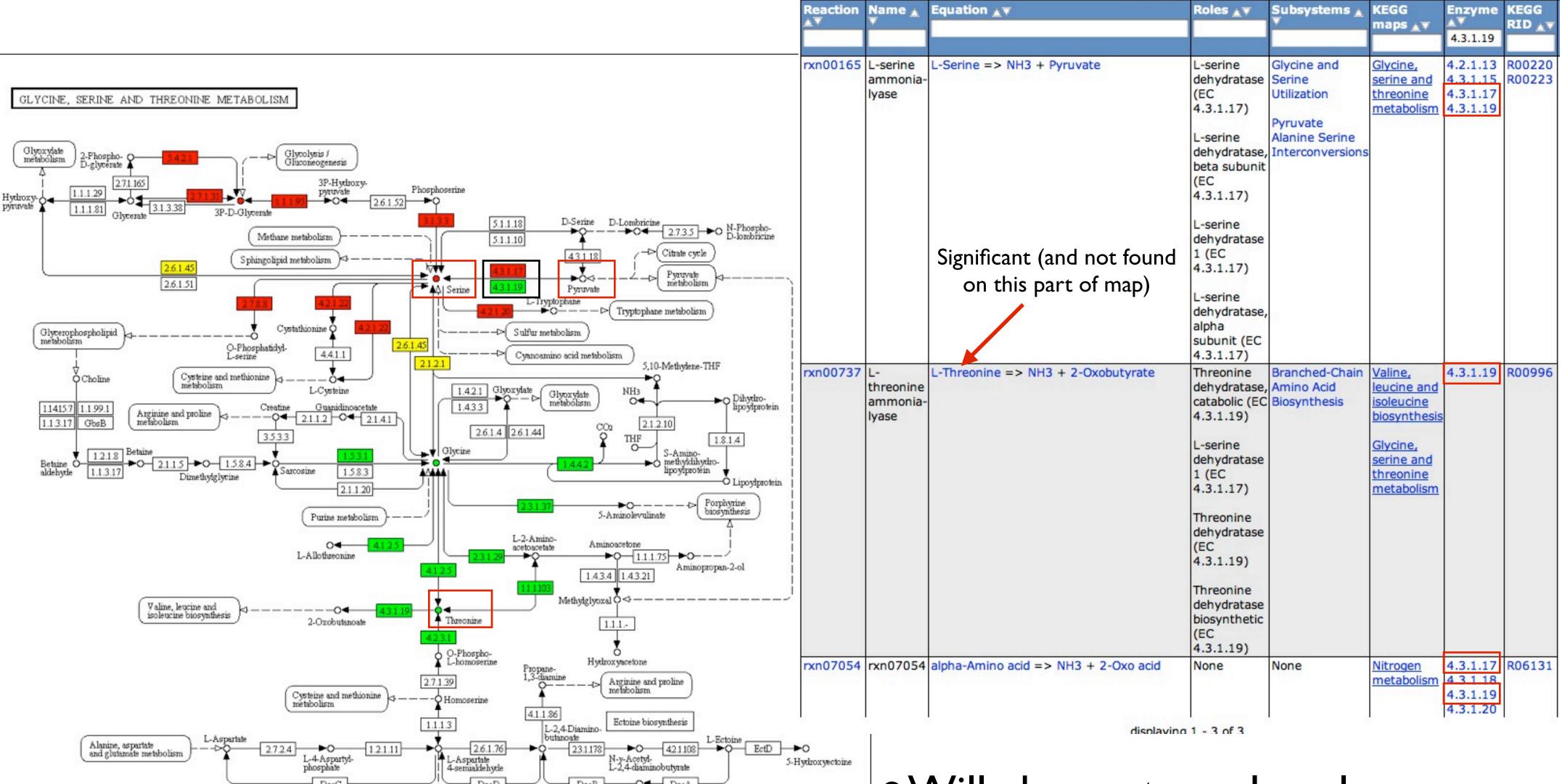








- Thioredoxin
- Changed the coloring scheme for reactions to green, red, yellow
- Colored in significant compounds
- Need to change map ranking to significant compounds from significant reactions (map looks more important than it is)
- Issue with coloring reactions



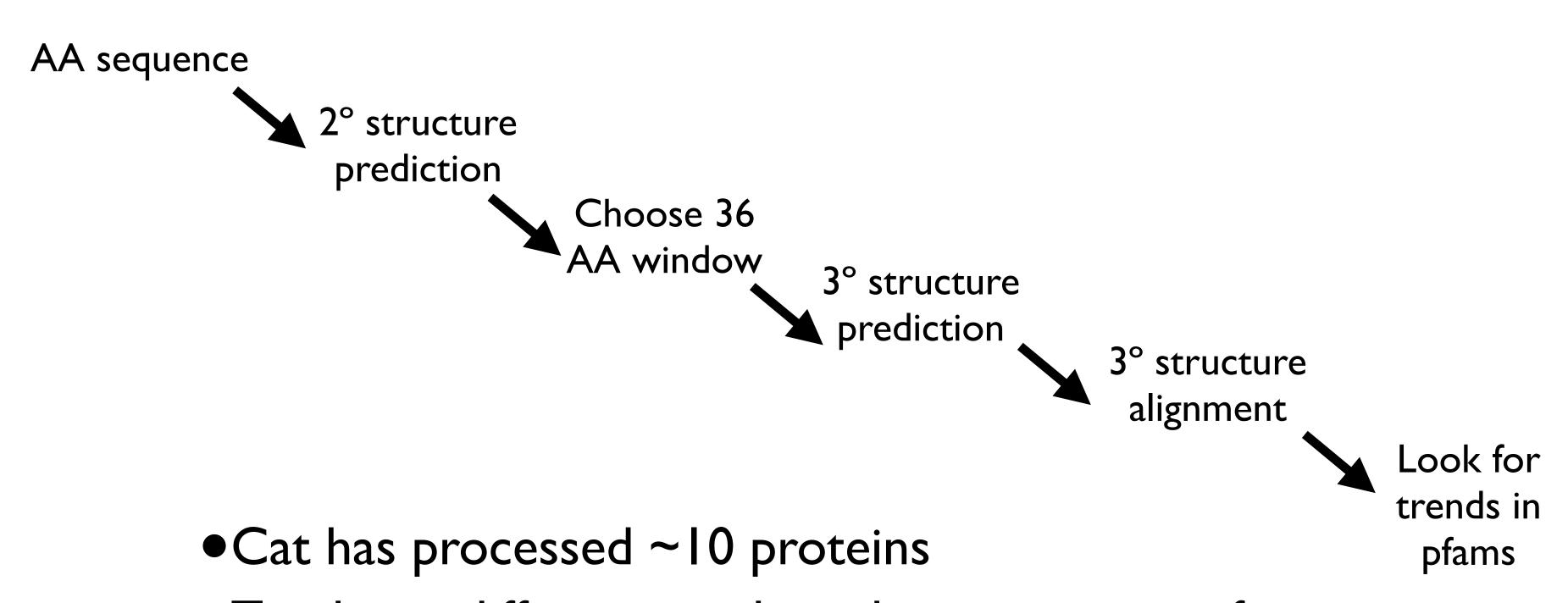
L-2,4-diaminobutyrate

Lysine

 Will change to: only color reactions only if reactants are found on map

Dimensions Physiology

- Protein sequence analysis
 - Developed a pipeline that seems to work



- Tried two different window choosing criteria for one protein
- •In depth evaluation of pfams for one protein