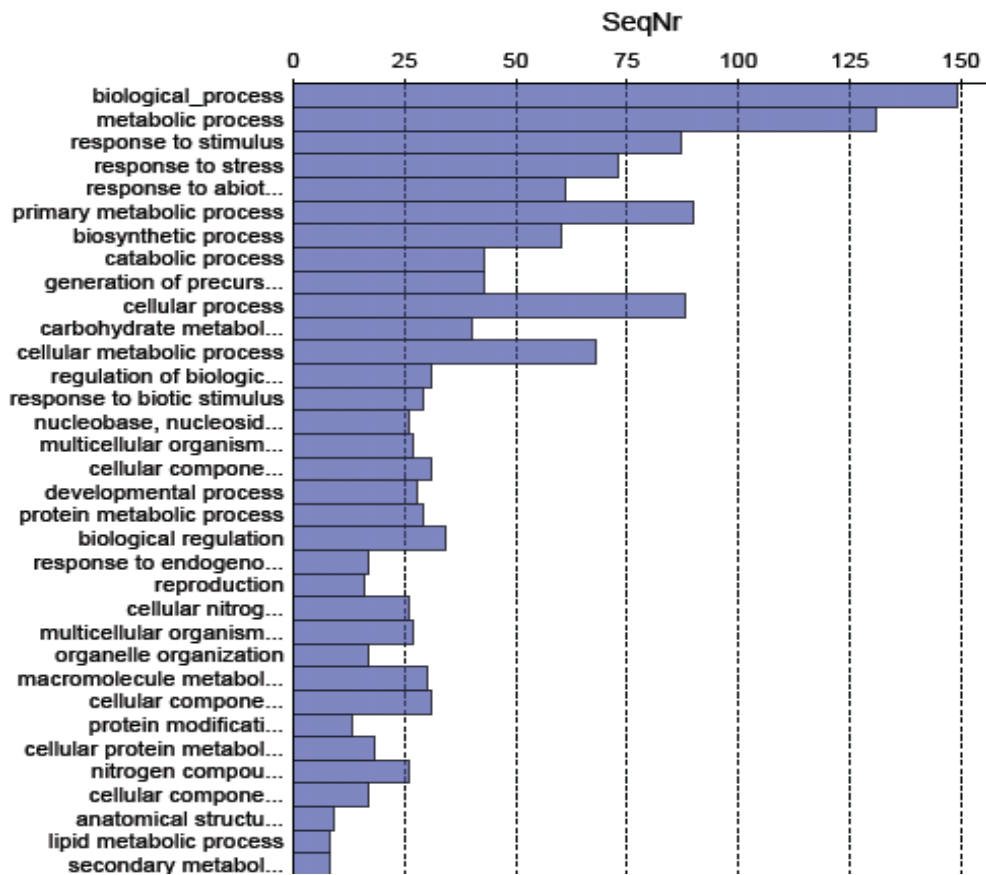
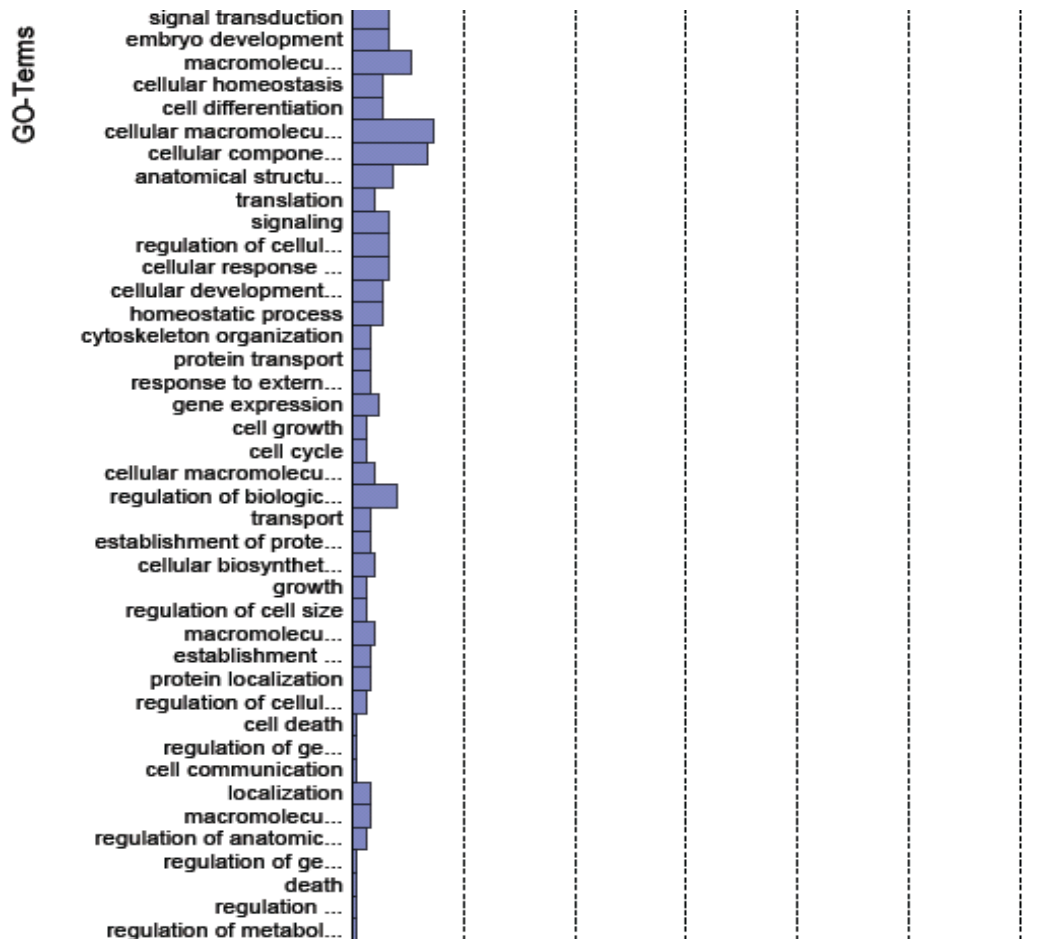


The main pathways involved in salt tolerance of Thellungiella leaves

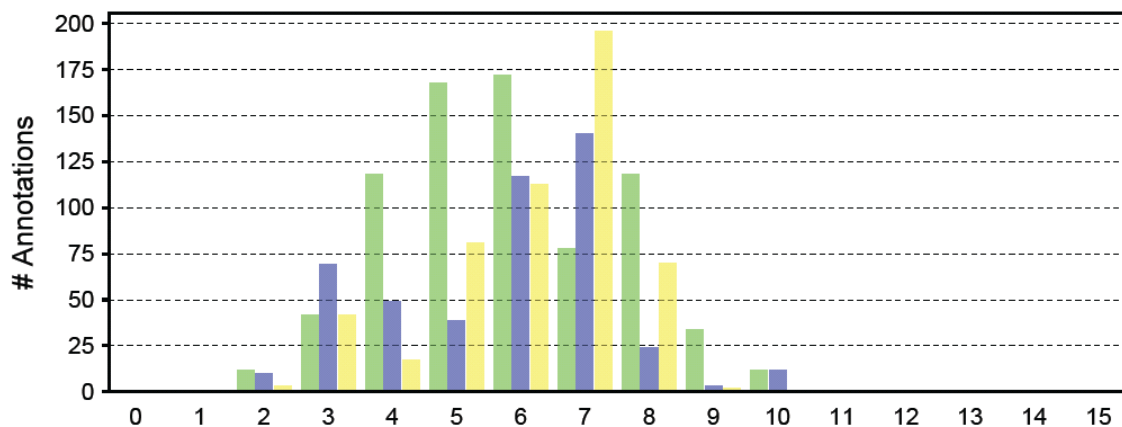
The main pathways involved in salt tolerance of Thellungiella leaves correspond to the proteins that listed in Table 1 and their GO information including the enzyme code (EC) numbers were provided in Suppl Data 5.

Sequence distribution: biological_process





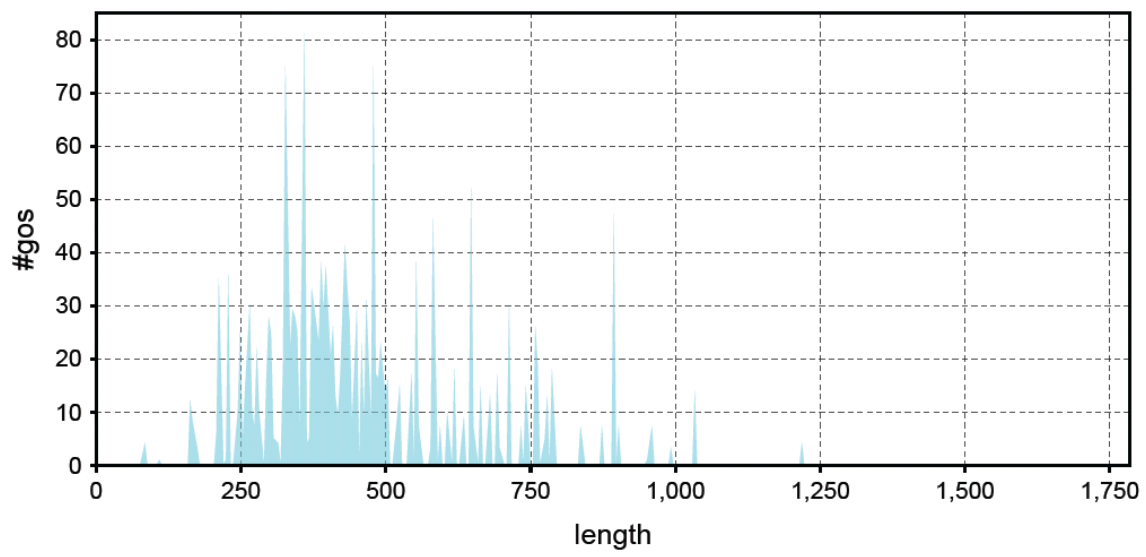
GO-level distribution



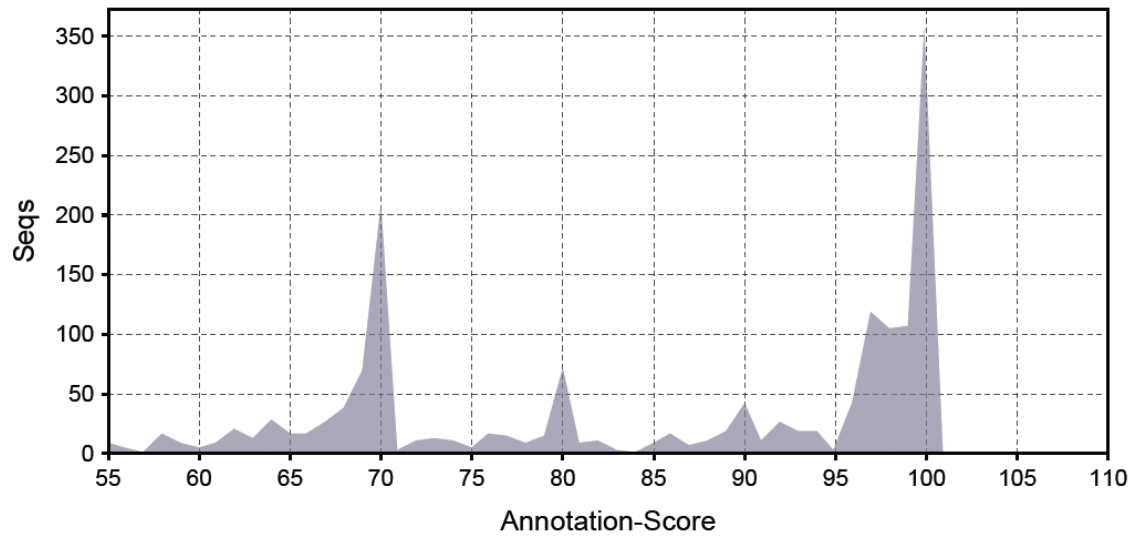
GO Level (Total Annotations = 1767, Mean Level = 5.825, Std. Deviation = 1.652)



Number of GO-terms for sequences with length(x)

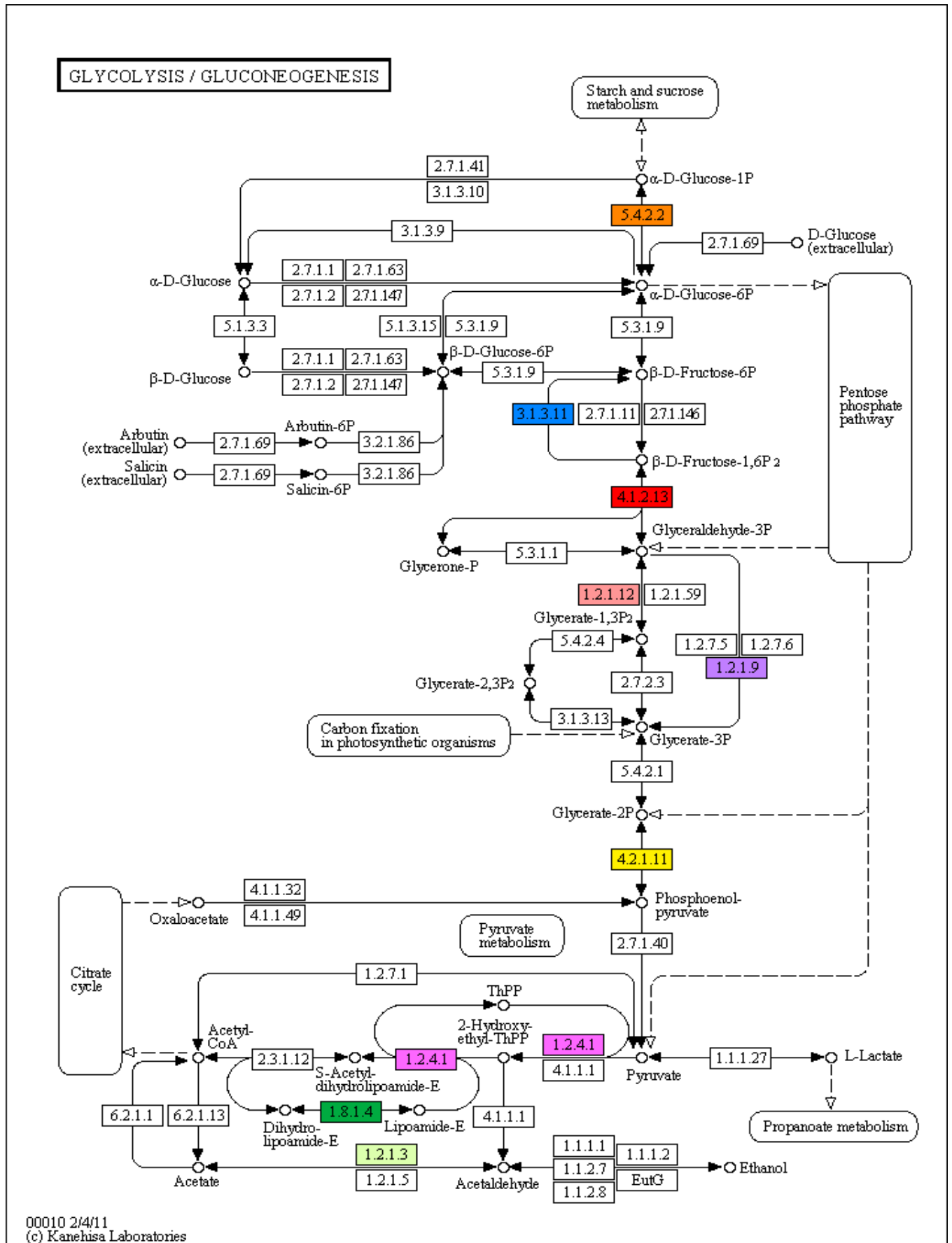


Annotation-Score distribution

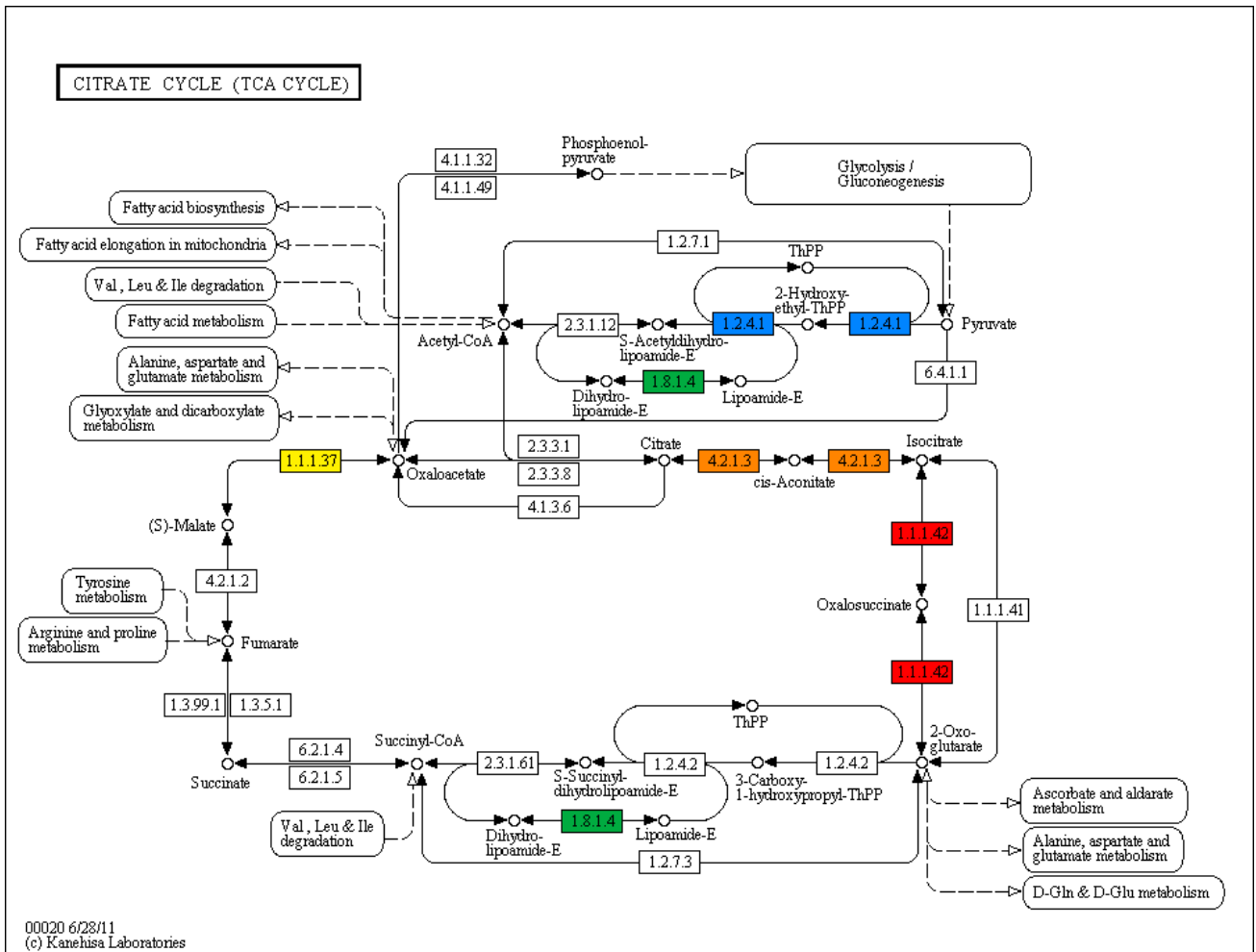


The main pathways involved in salt tolerance of *Thellungiella*

Glycolysis/gluconeogenesis: 9 proteins

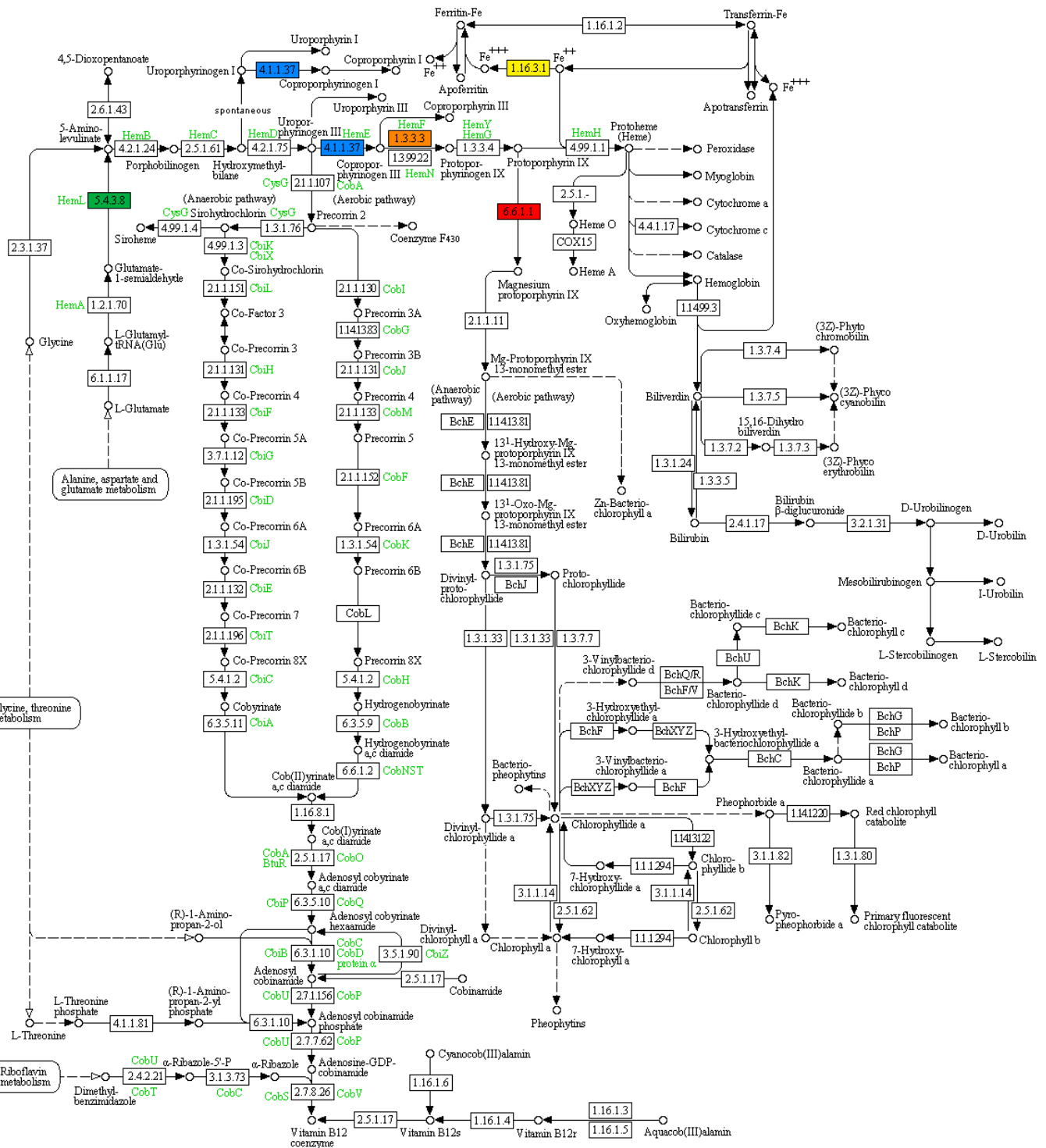


Citrate cycle (TCA cycle): 6 proteins

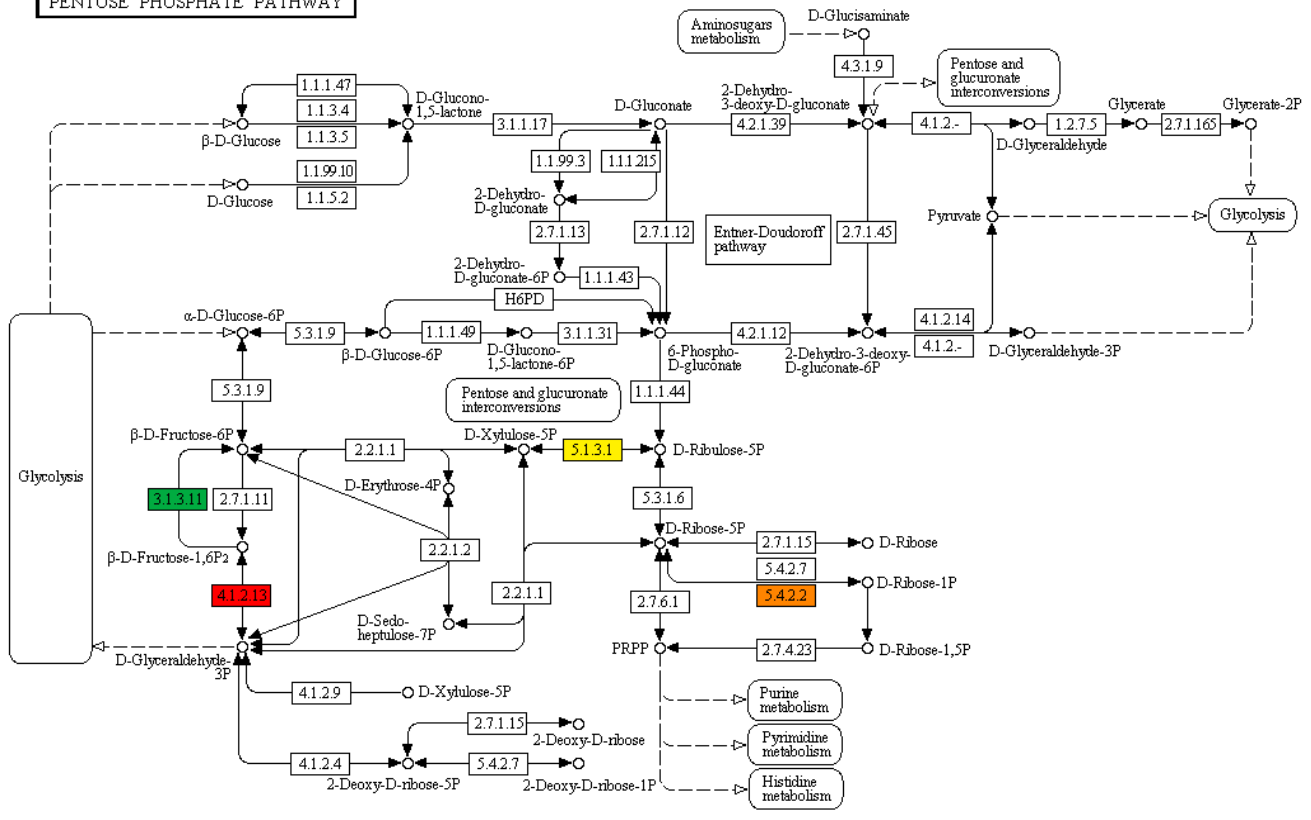


Porphyrin and chlorophyll metabolism: 9 proteins

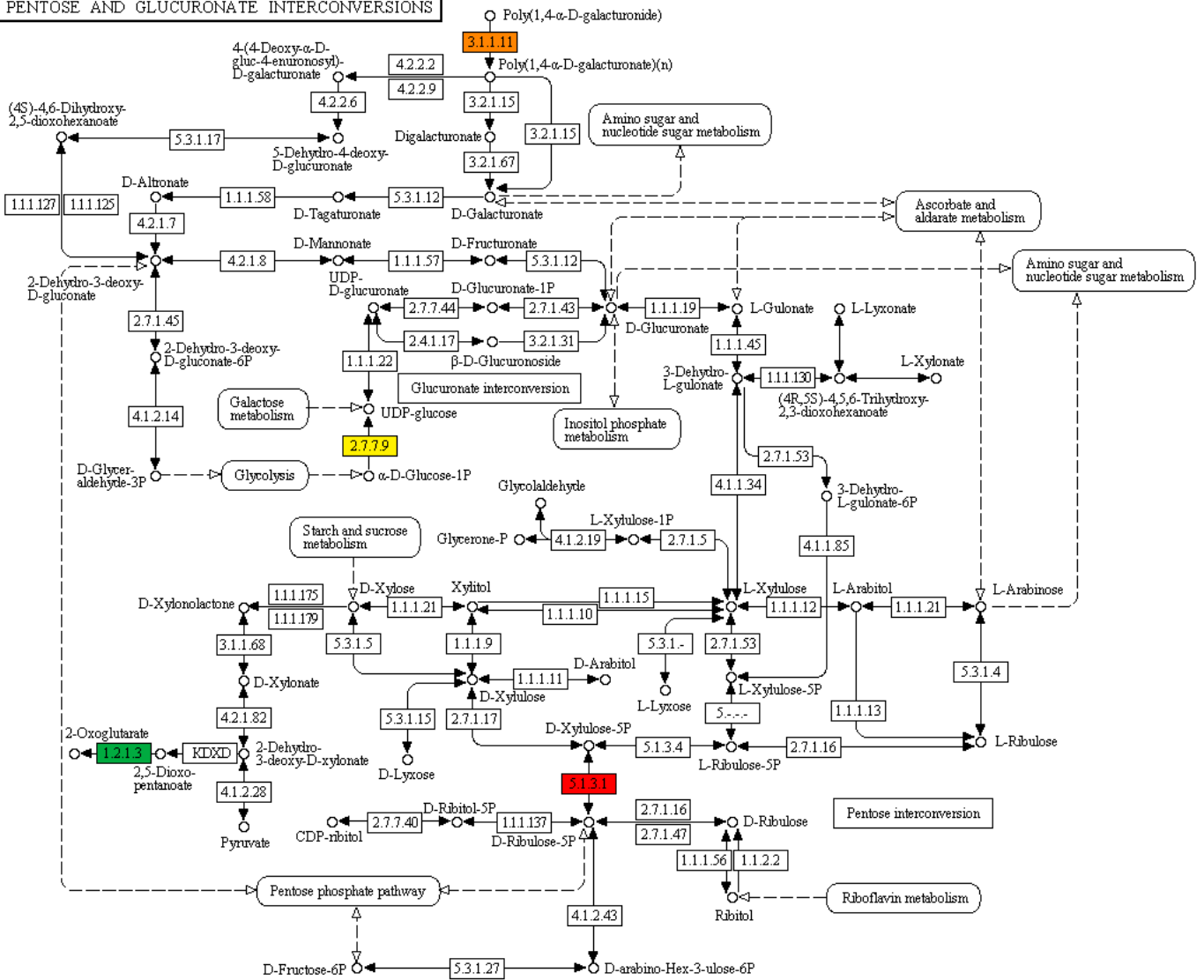
PORPHYRIN AND CHLOROPHYLL METABOLISM



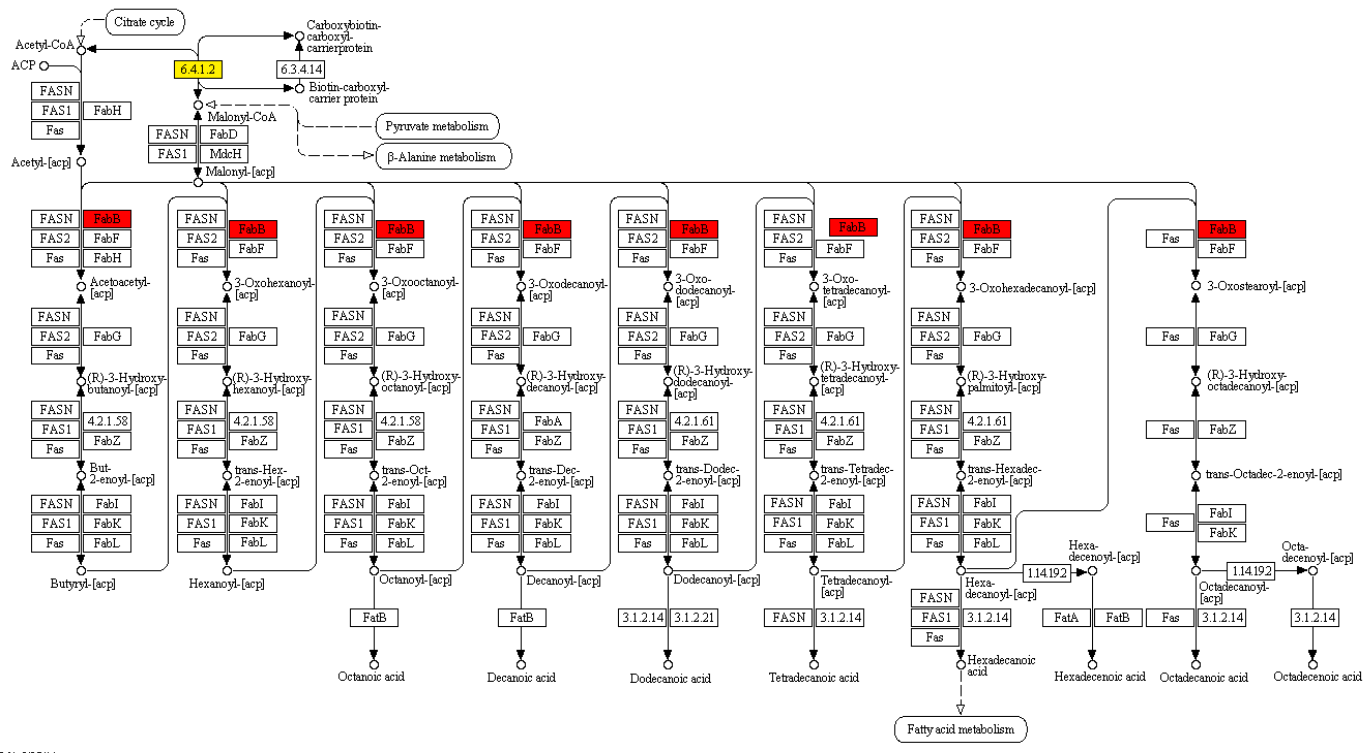
PENTOSE PHOSPHATE PATHWAY



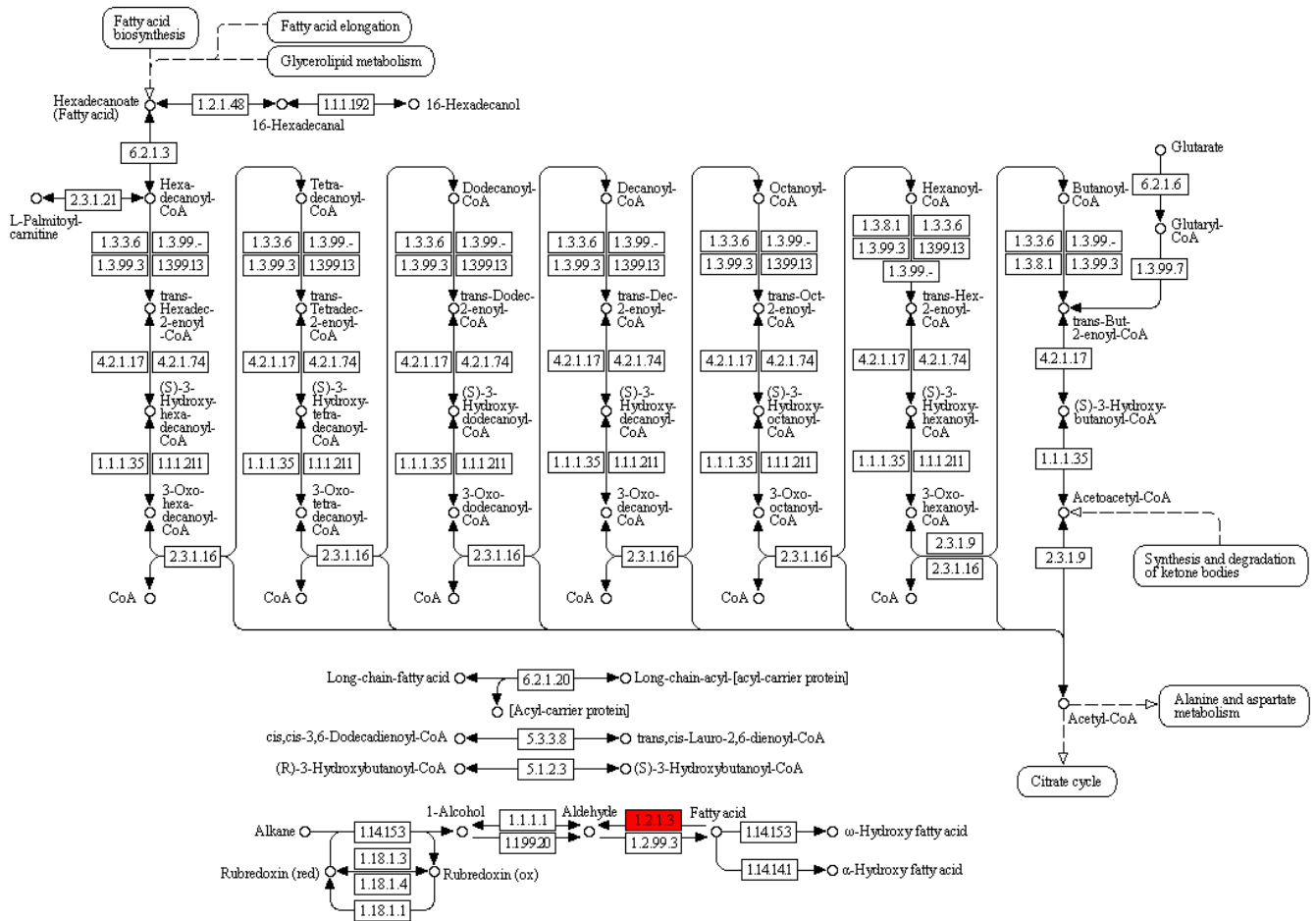
PENTOSE AND GLUCURONATE INTERCONVERSIONS



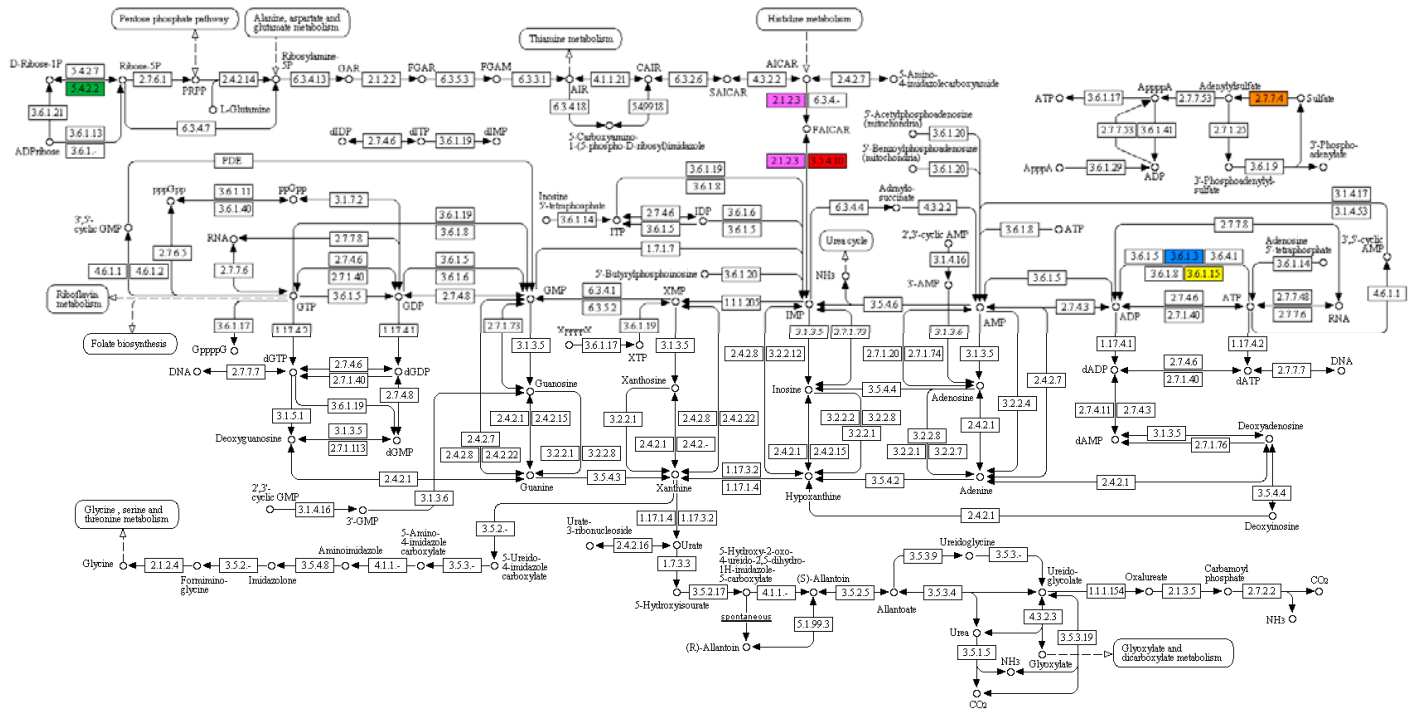
FATTY ACID BIOSYNTHESIS



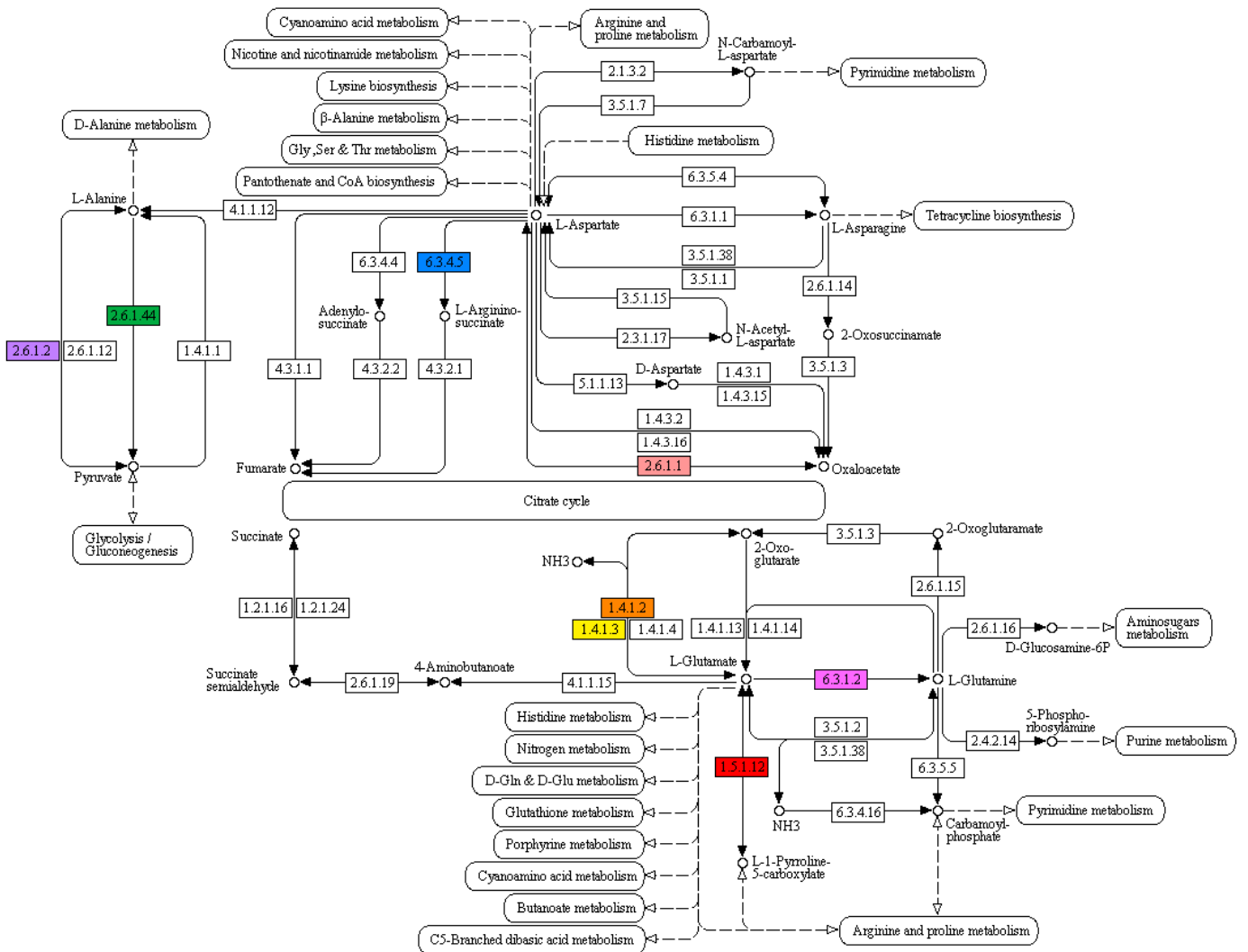
FATTY ACID METABOLISM



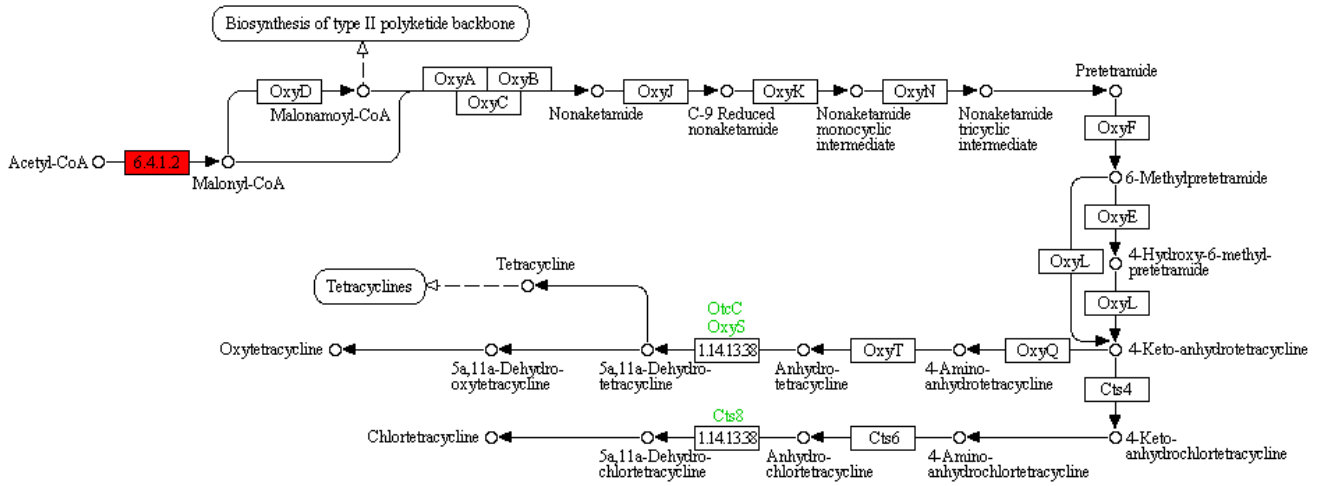
PURINE METABOLISM



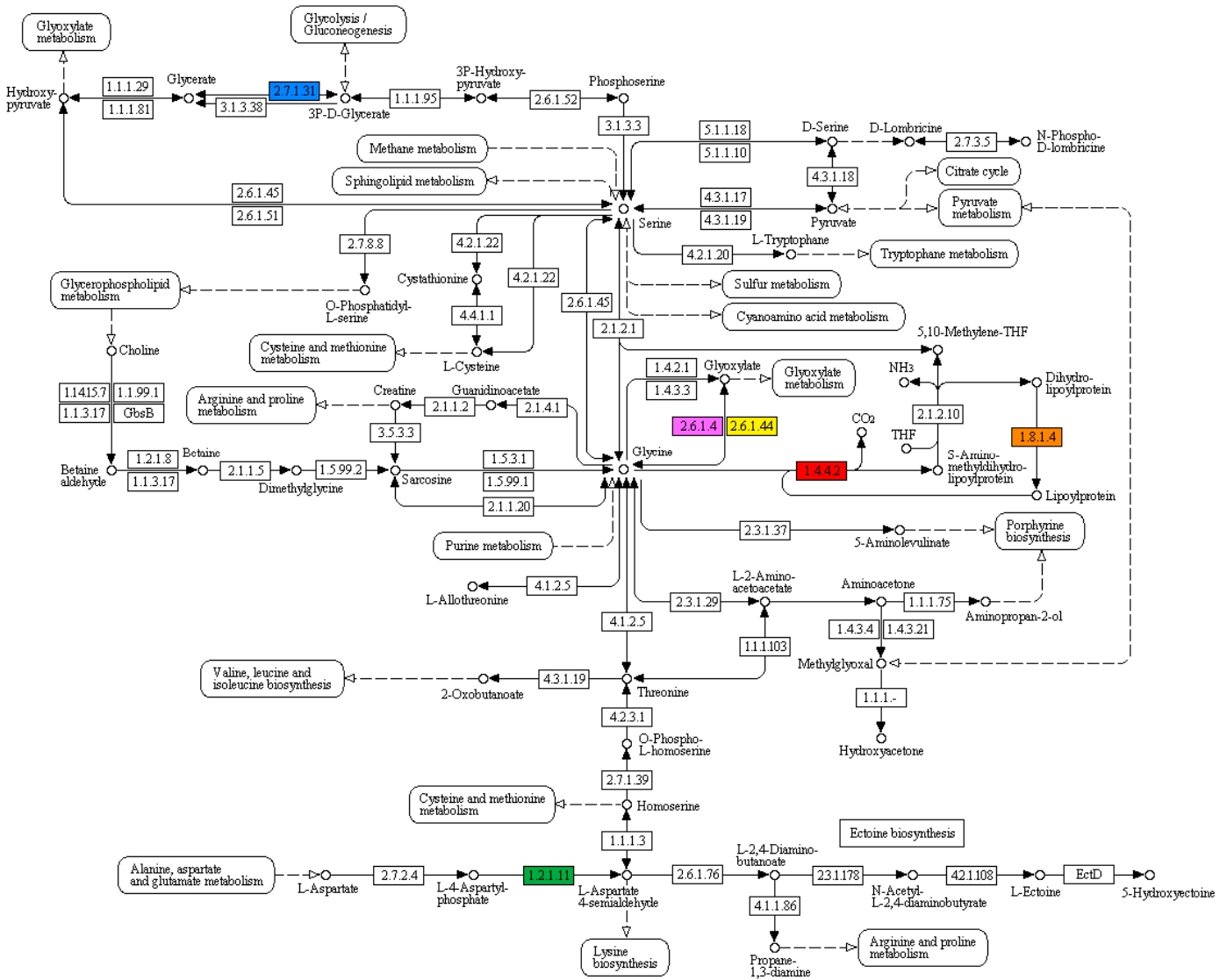
ALANINE, ASPARTATE AND GLUTAMATE METABOLISM



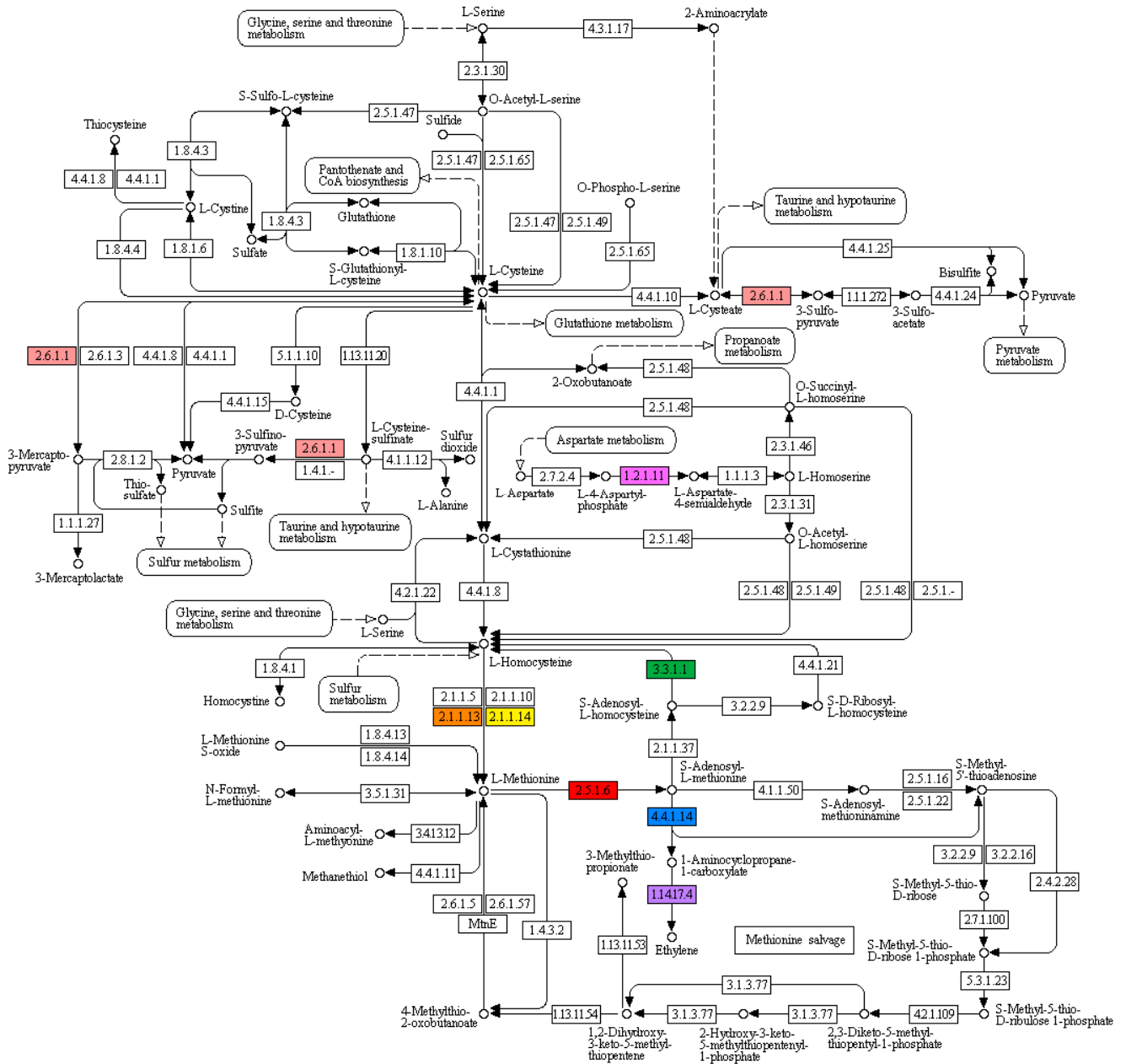
TETRACYCLINE BIOSYNTHESIS



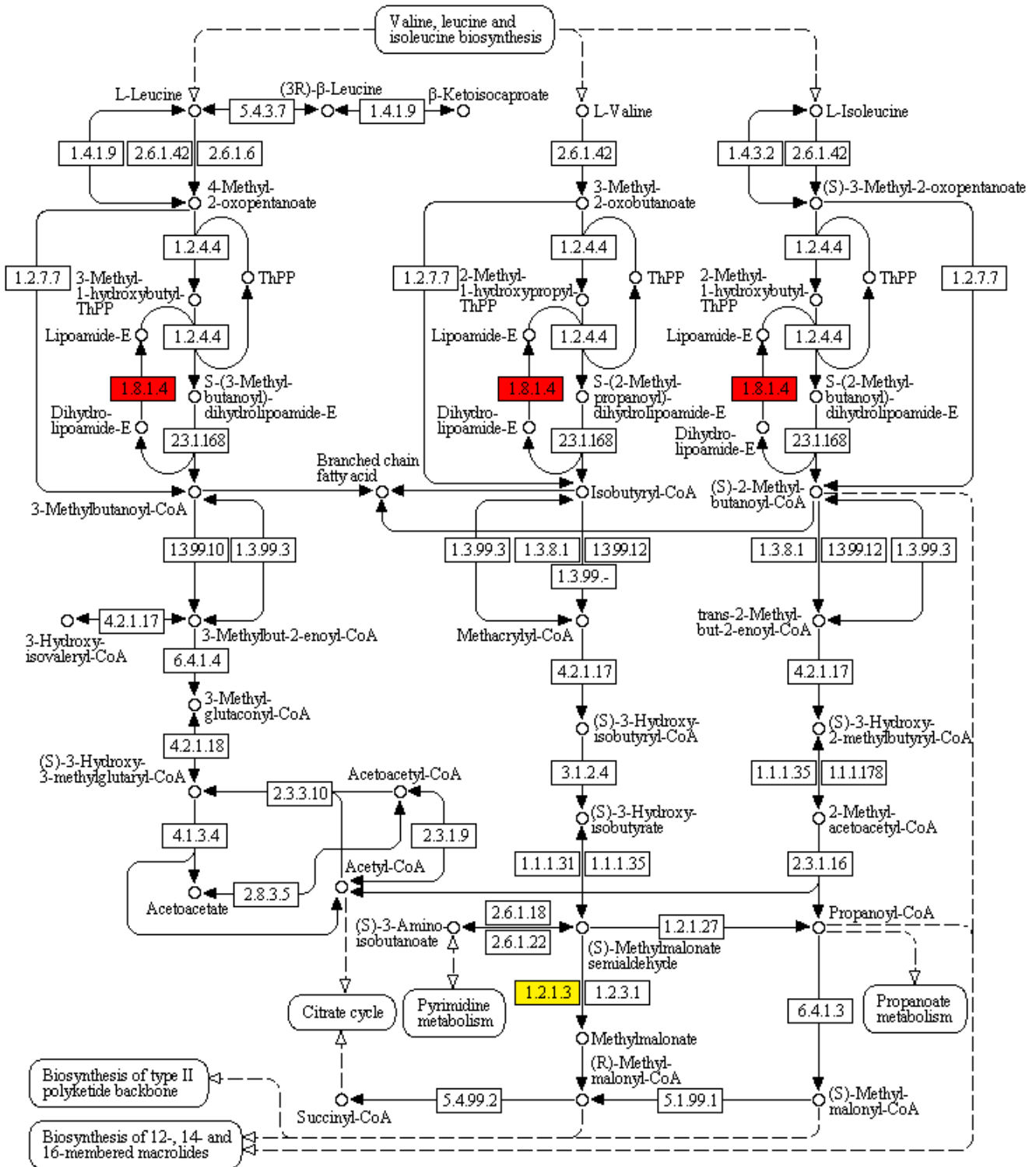
GLYCINE, SERINE AND THREONINE METABOLISM



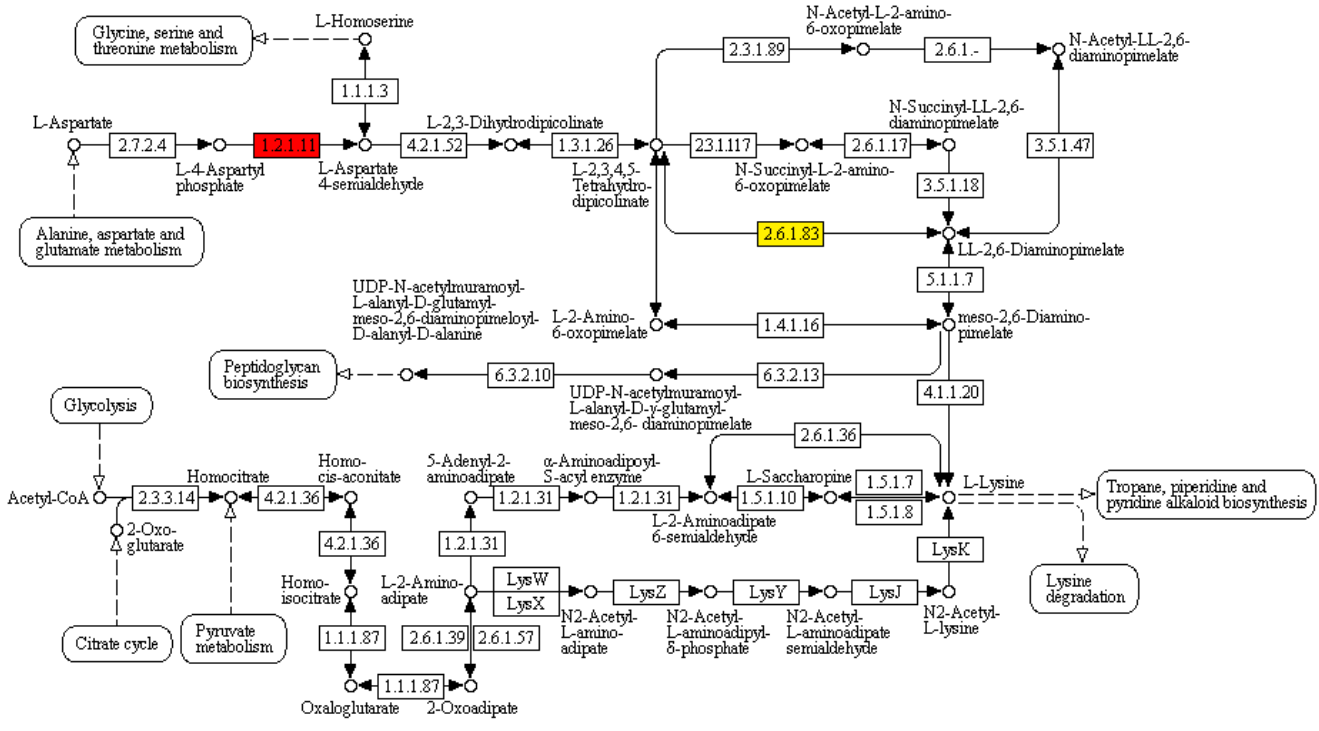
CYSTEINE AND METHIONINE METABOLISM



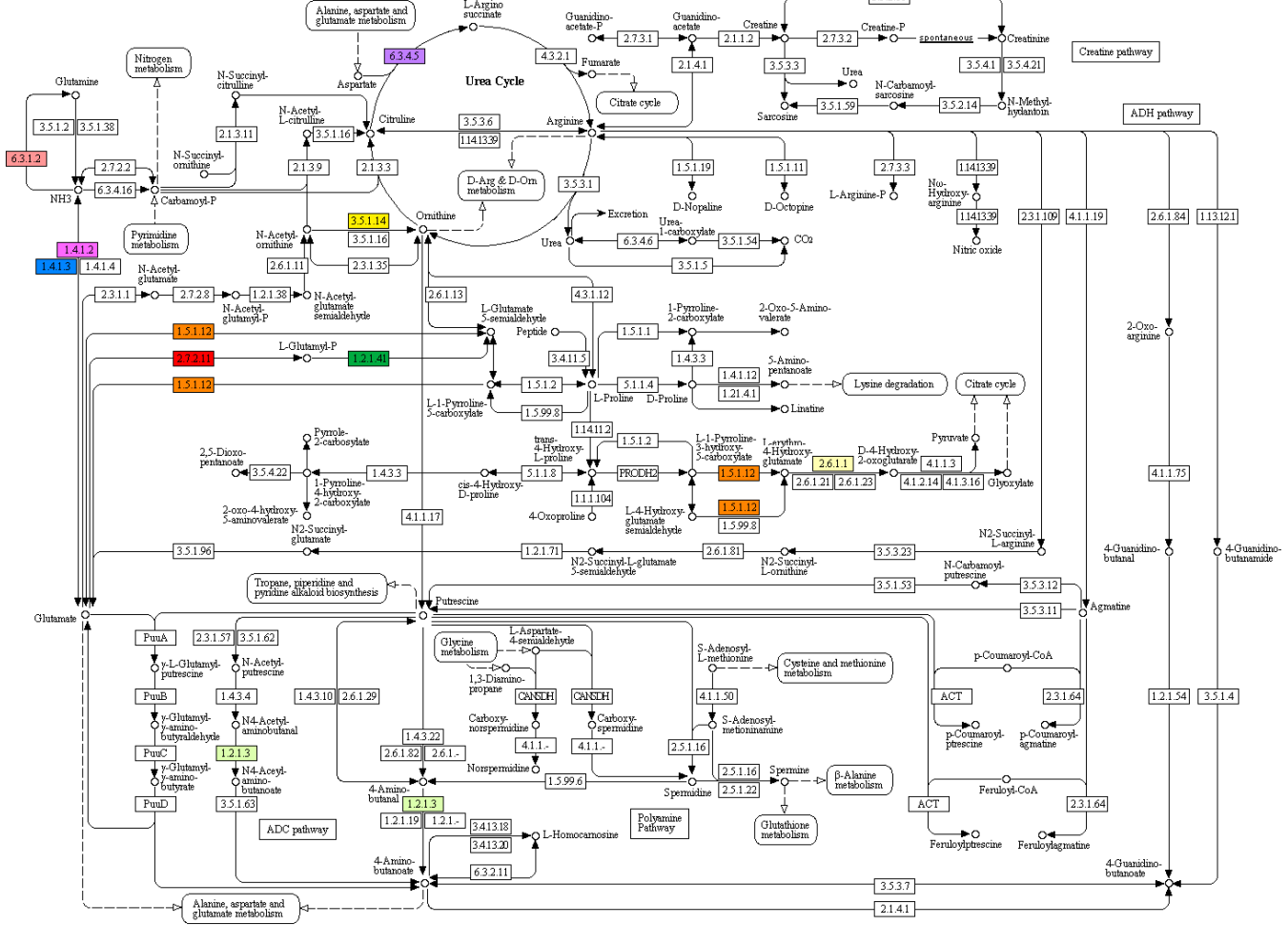
VALINE, LEUCINE AND ISOLEUCINE DEGRADATION



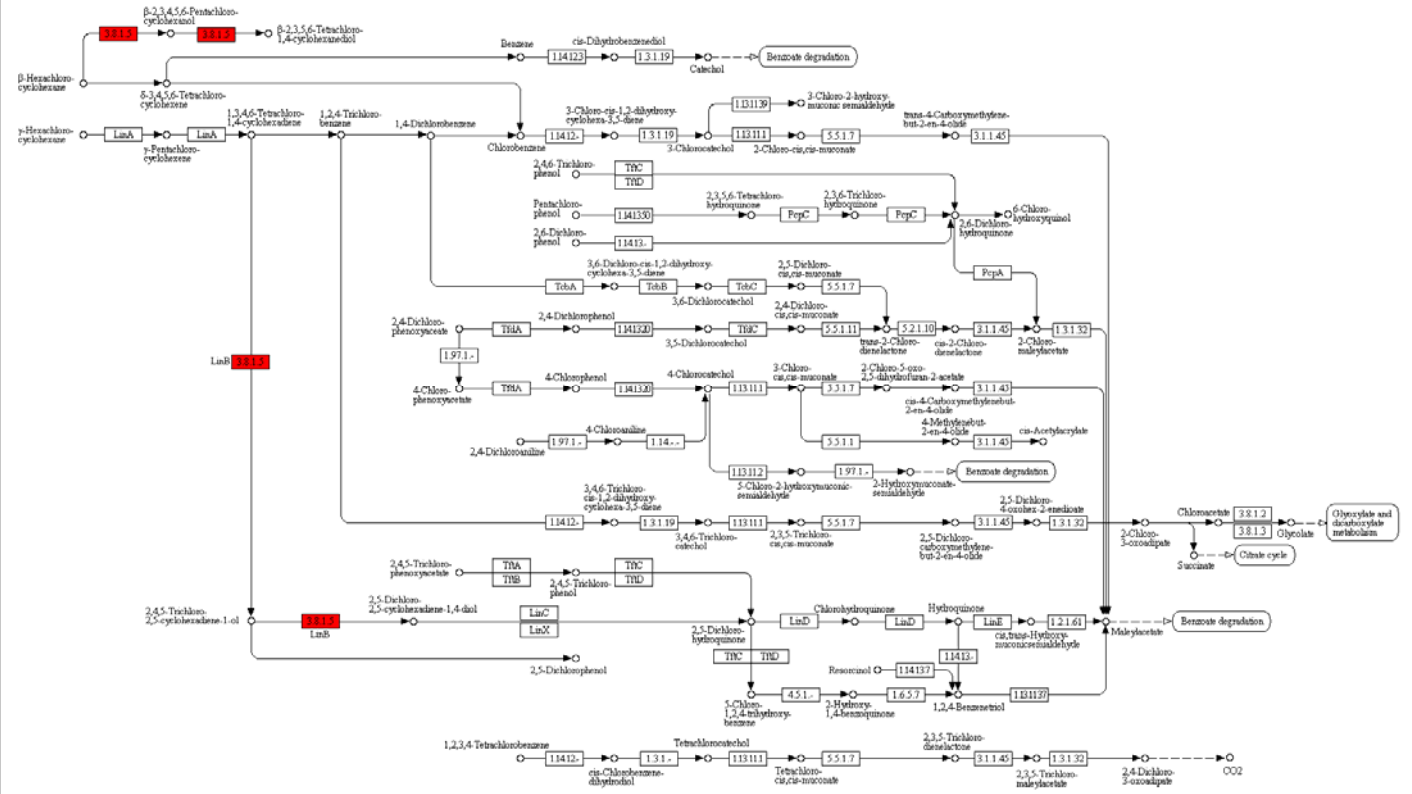
LYSINE BIOSYNTHESIS



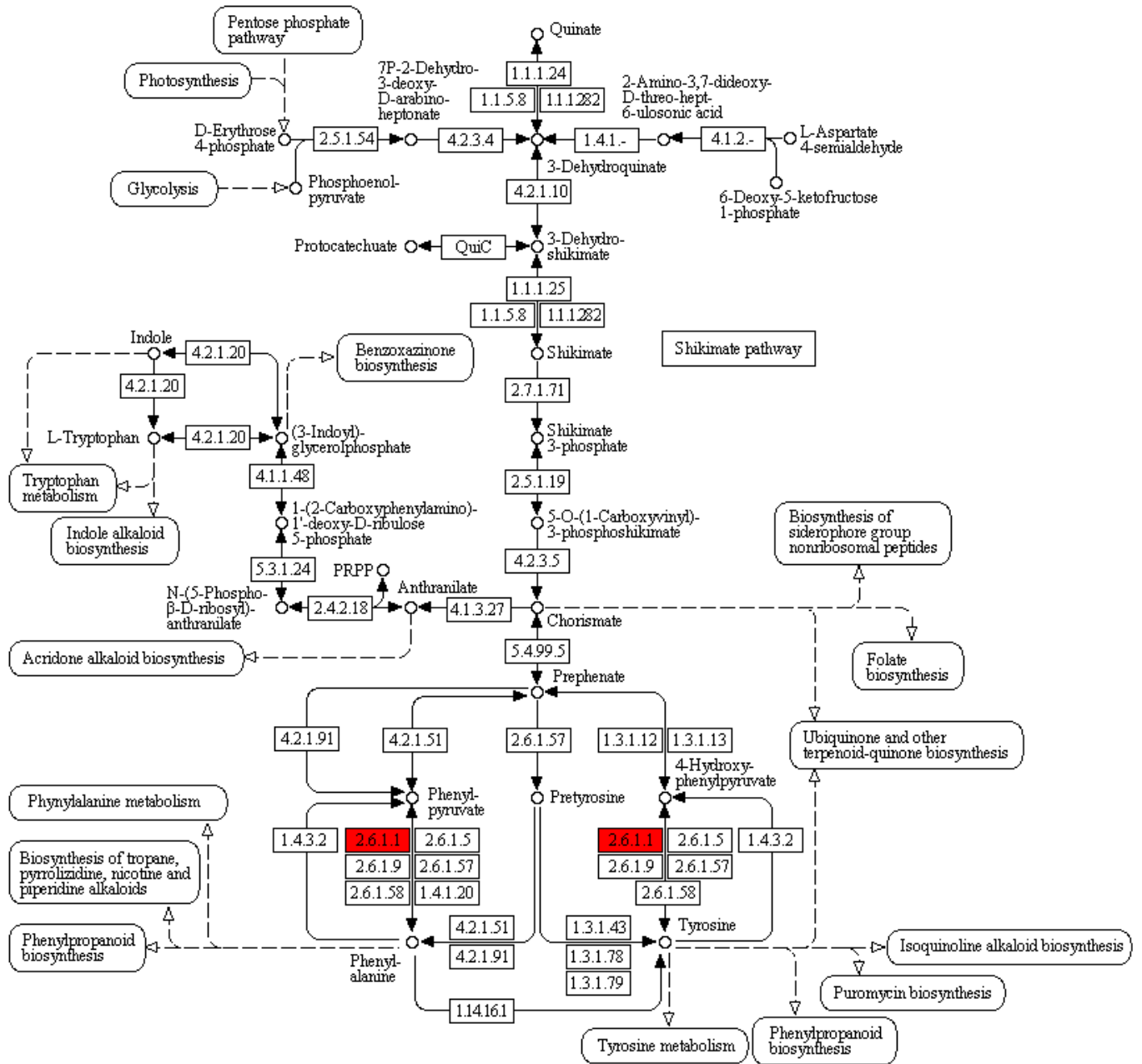
ARGININE AND PROLINE METABOLISM



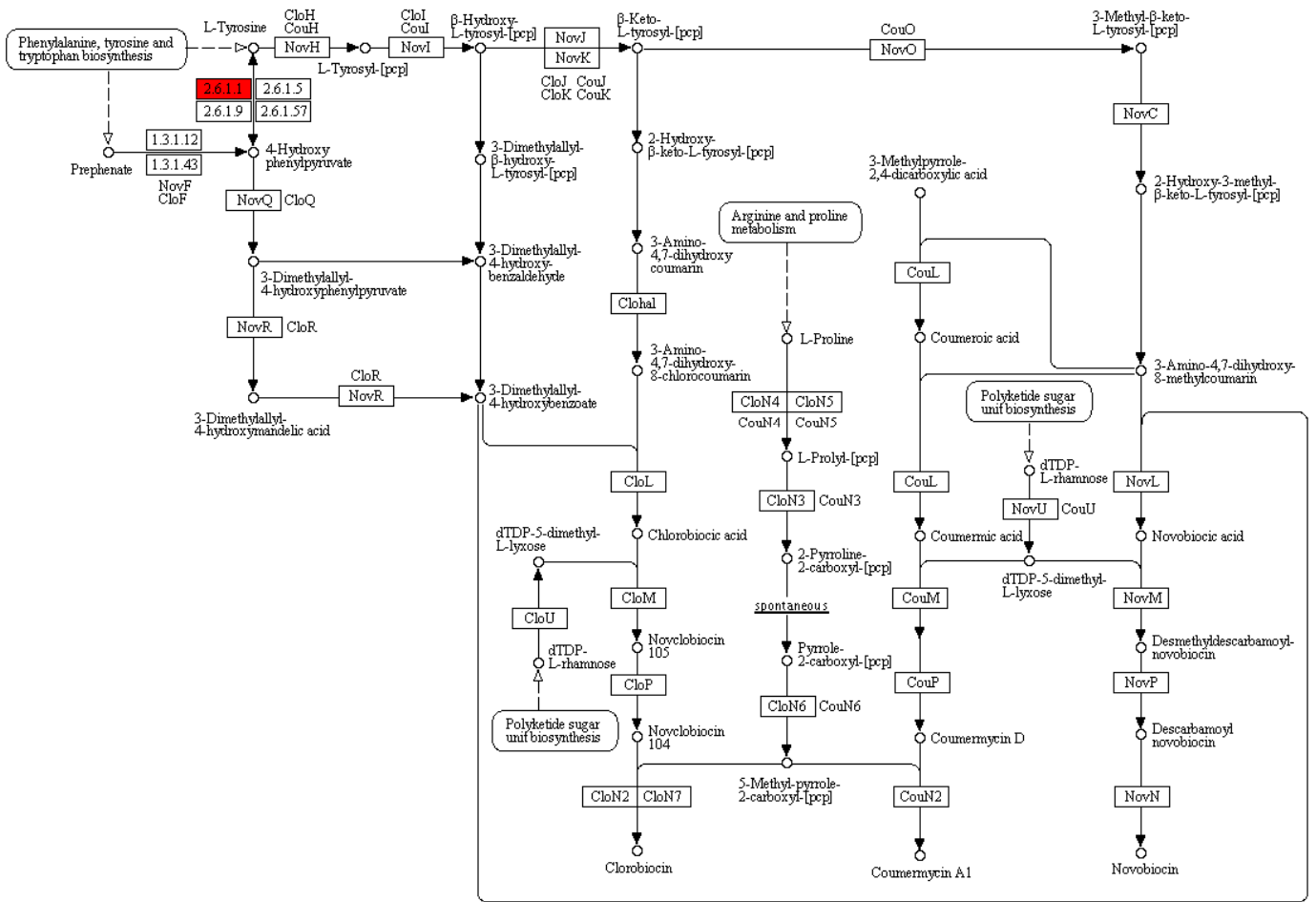
CHLOROCYCLOHEXANE AND CHLOROBENZENE DEGRADATION



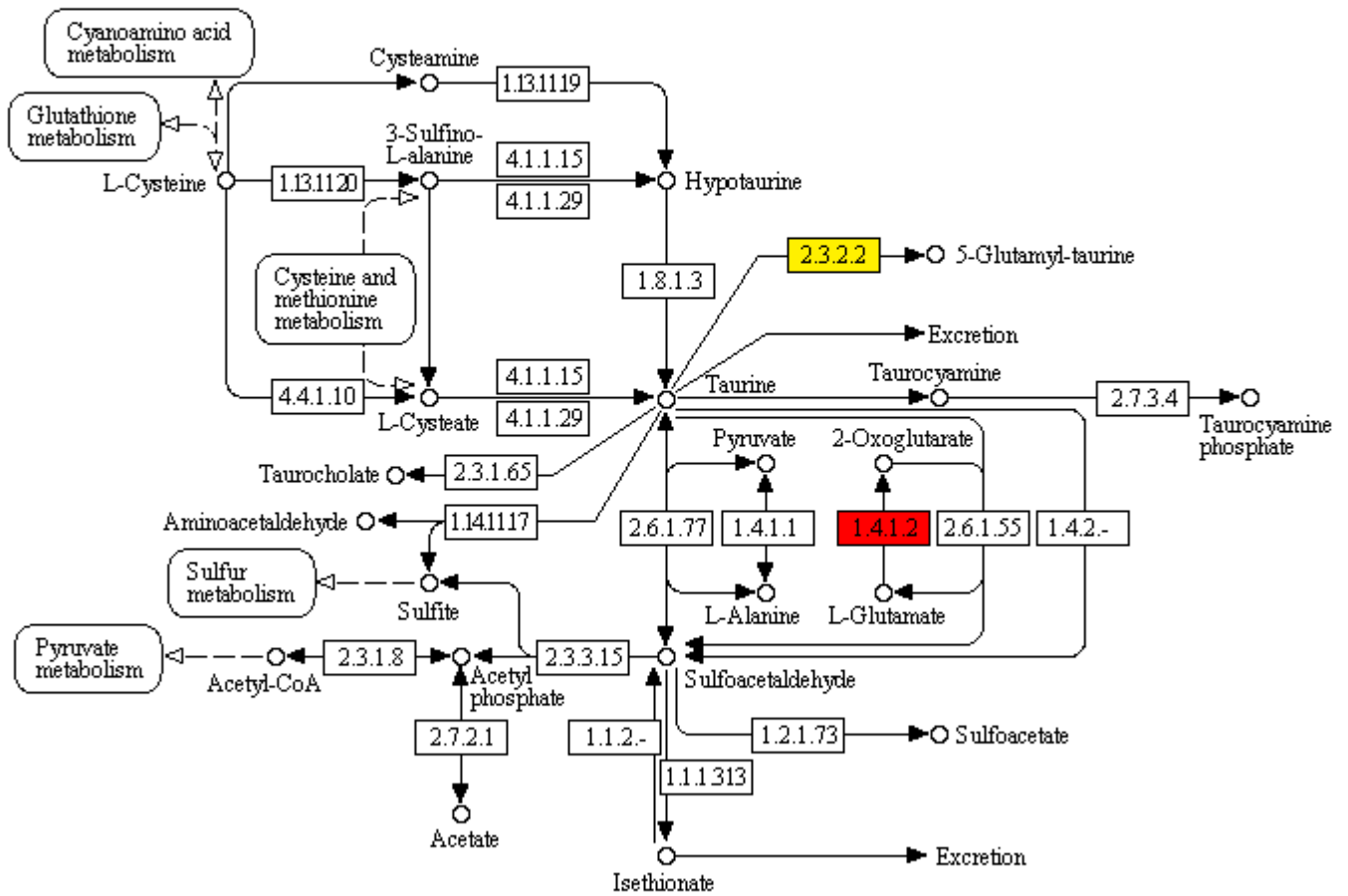
PHENYLALANINE, TYROSINE AND TRYPTOPHAN BIOSYNTHESIS



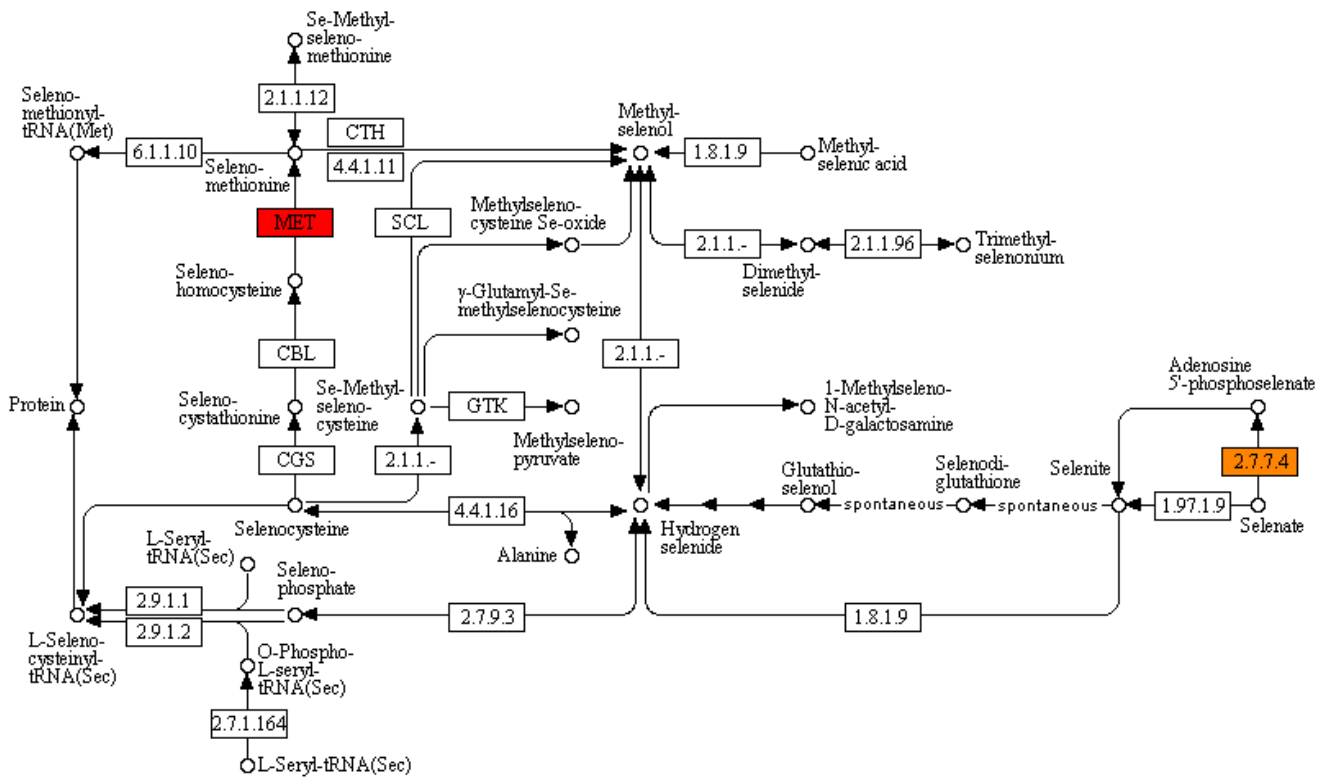
NOVOBIOCIN BIOSYNTHESIS



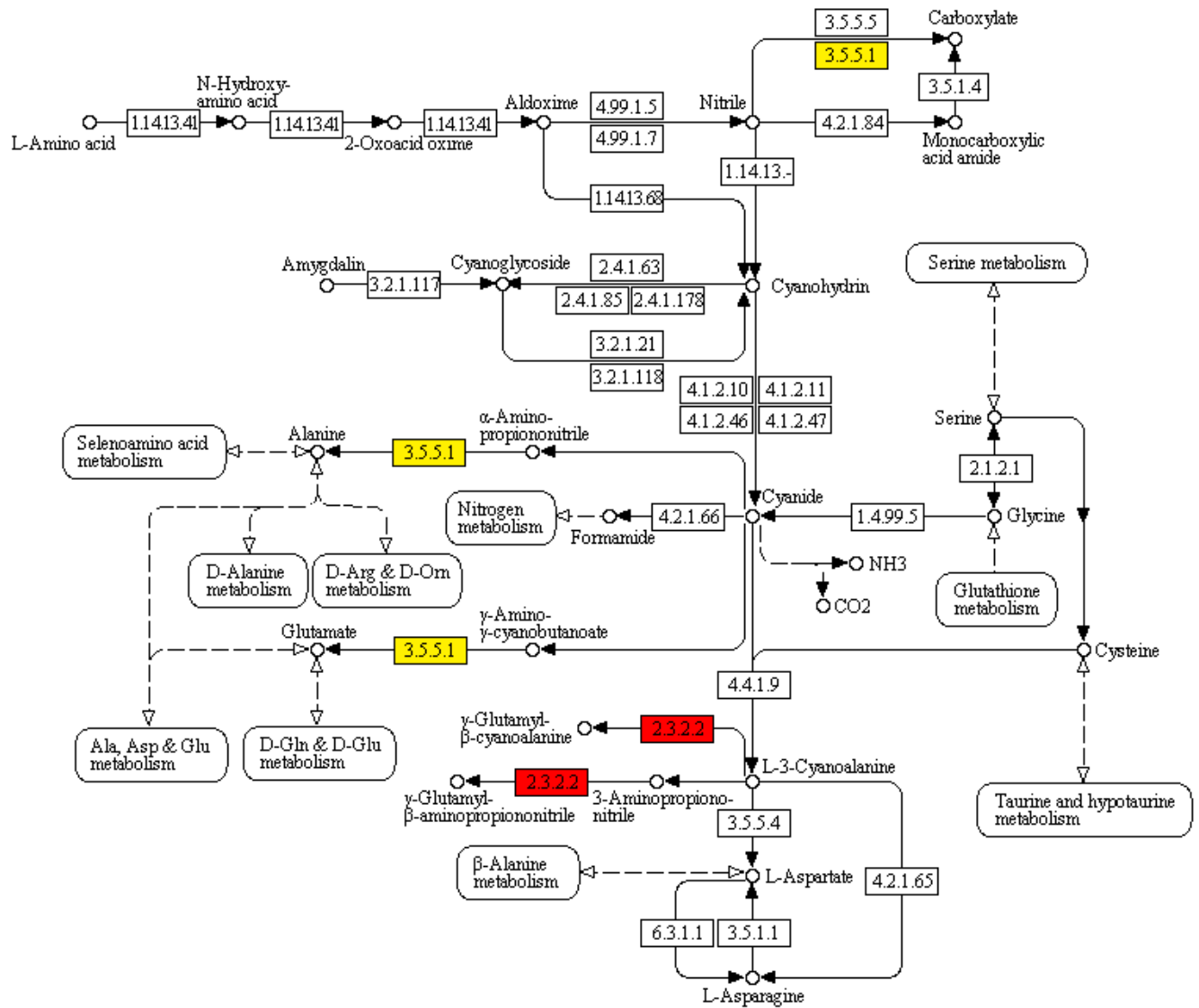
TAURINE AND HYPOTAURINE METABOLISM



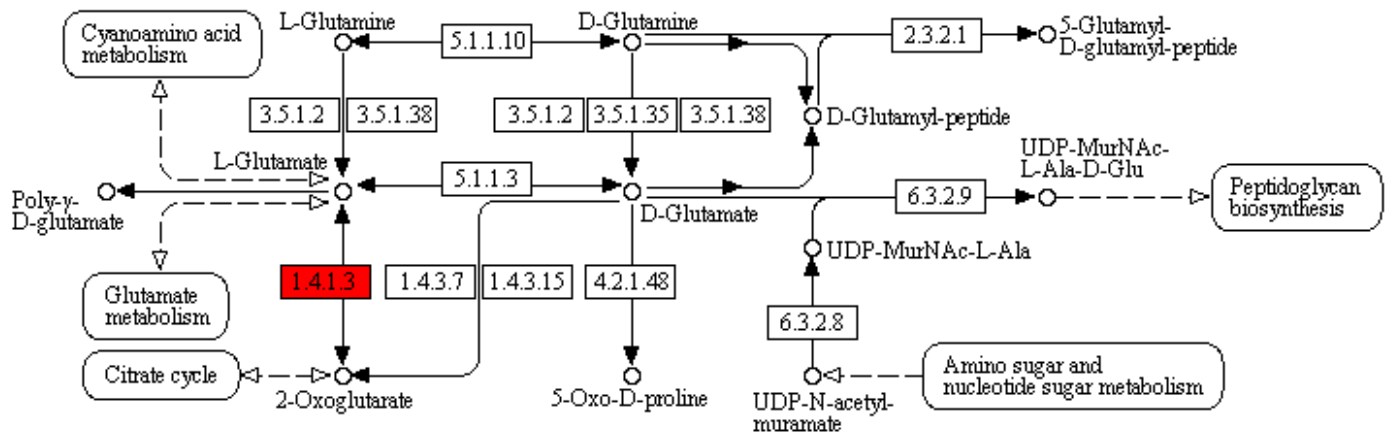
SELENOCOMPOUND METABOLISM



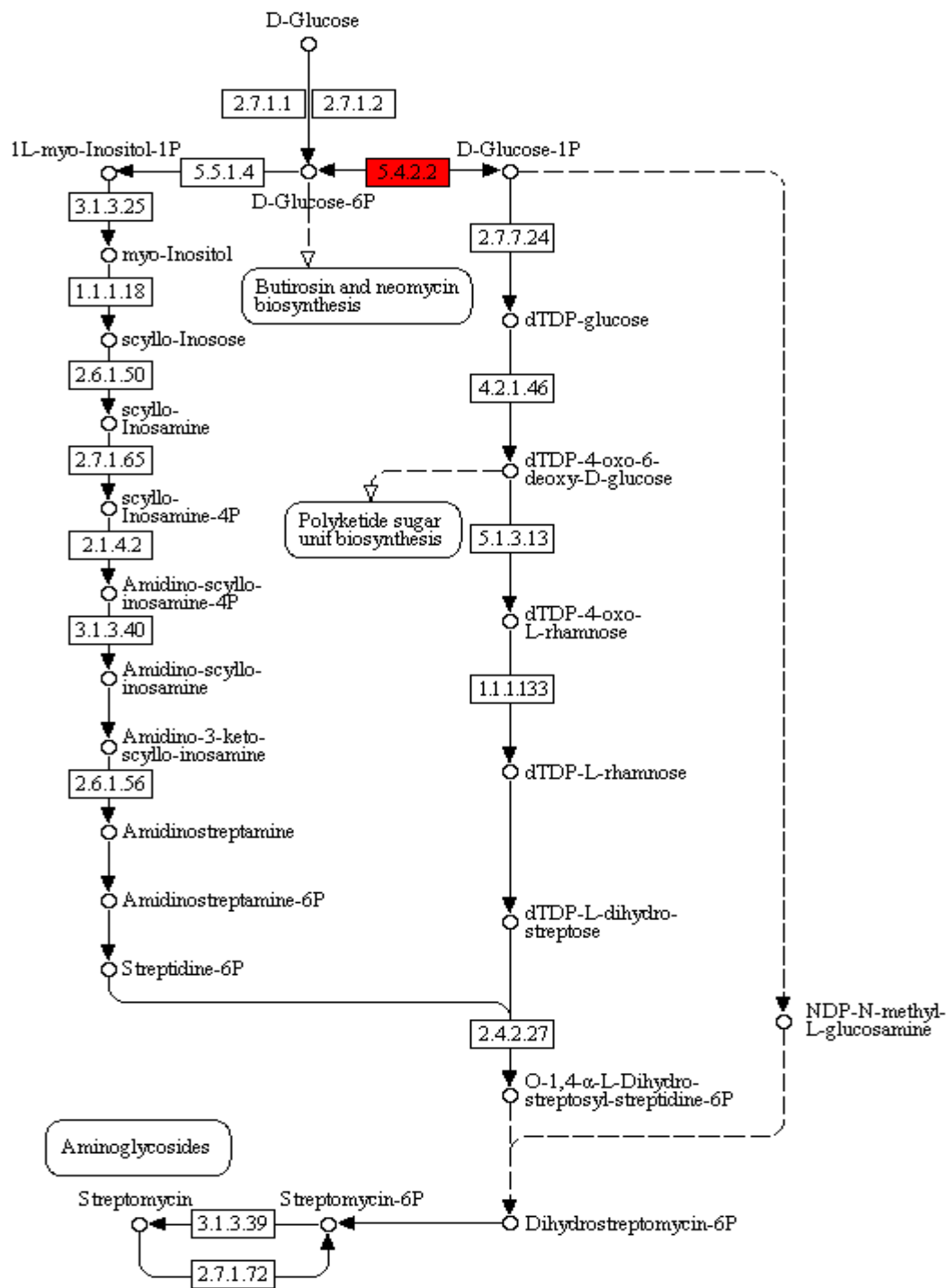
CYANOAMINO ACID METABOLISM



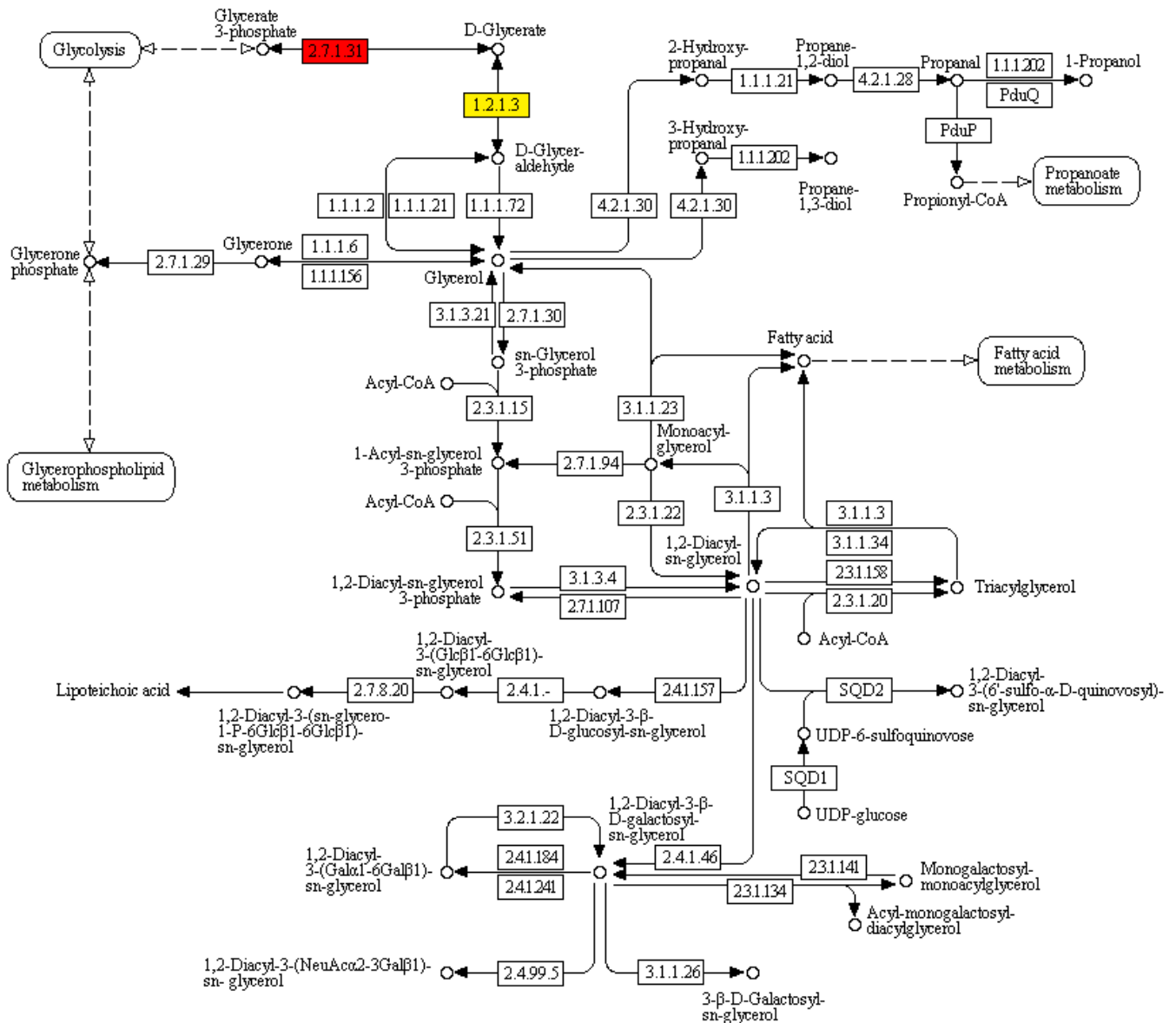
D-GLUTAMINE AND D-GLUTAMATE METABOLISM



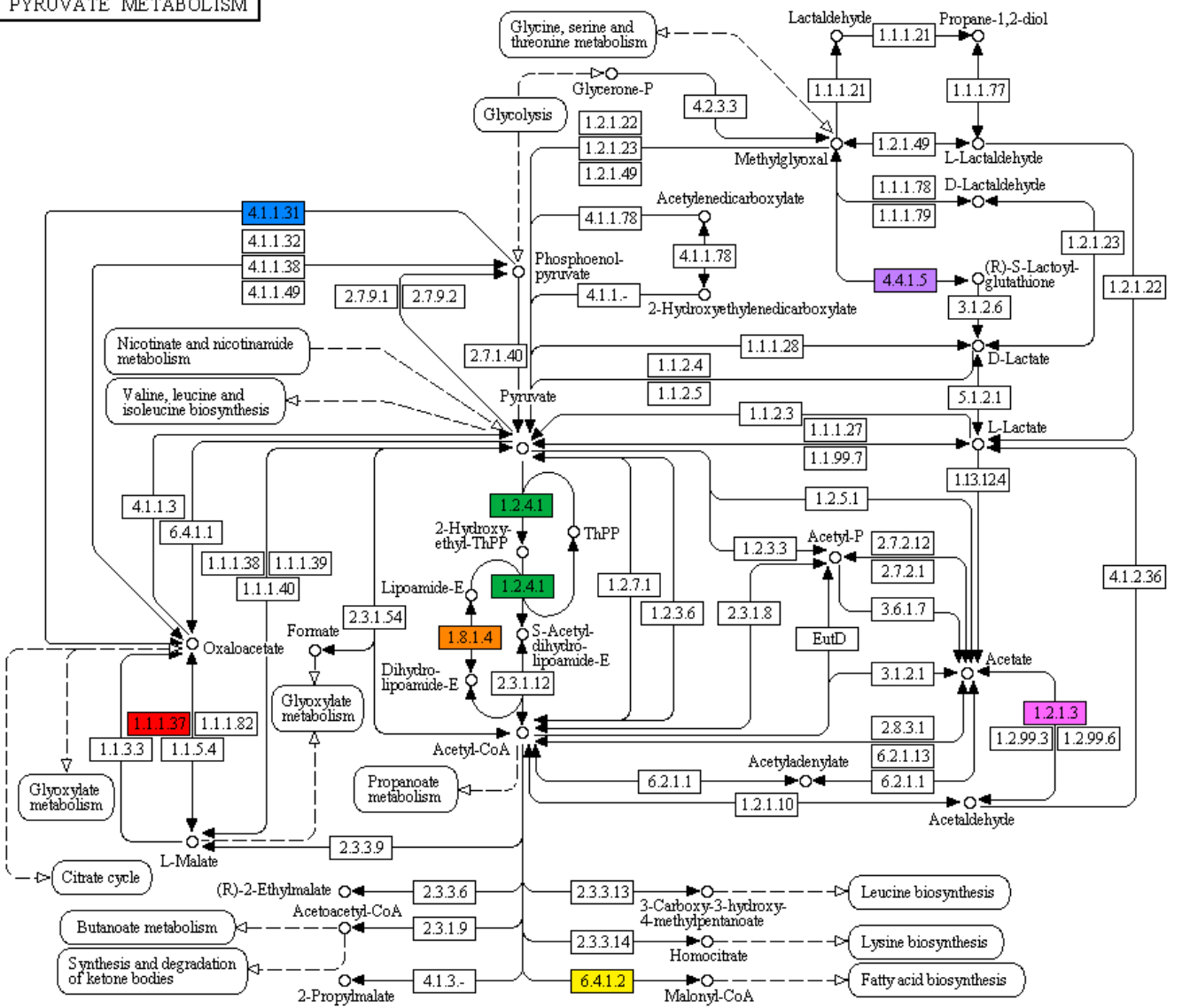
STREPTOMYCIN BIOSYNTHESIS



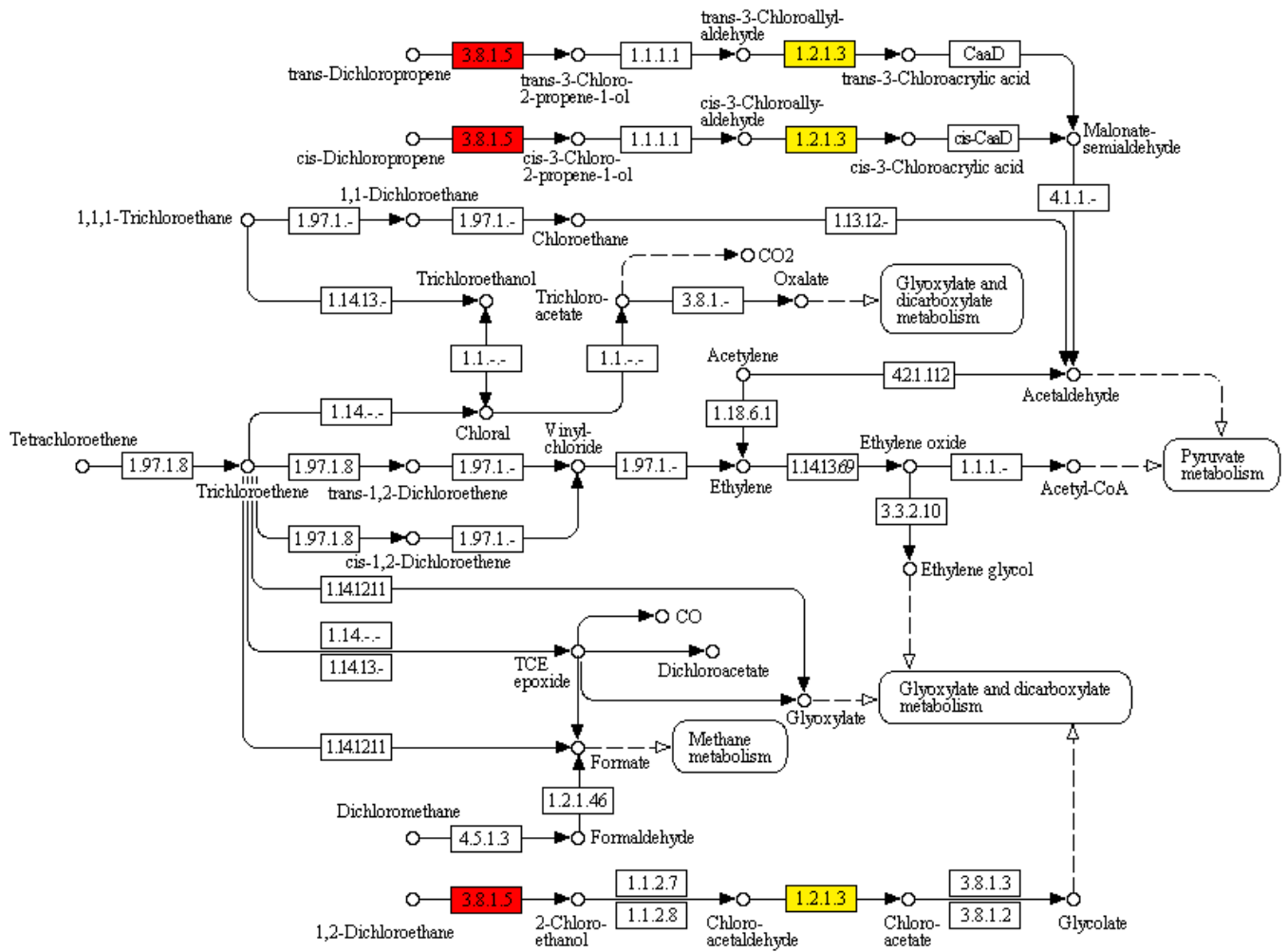
GLYCEROLIPID METABOLISM



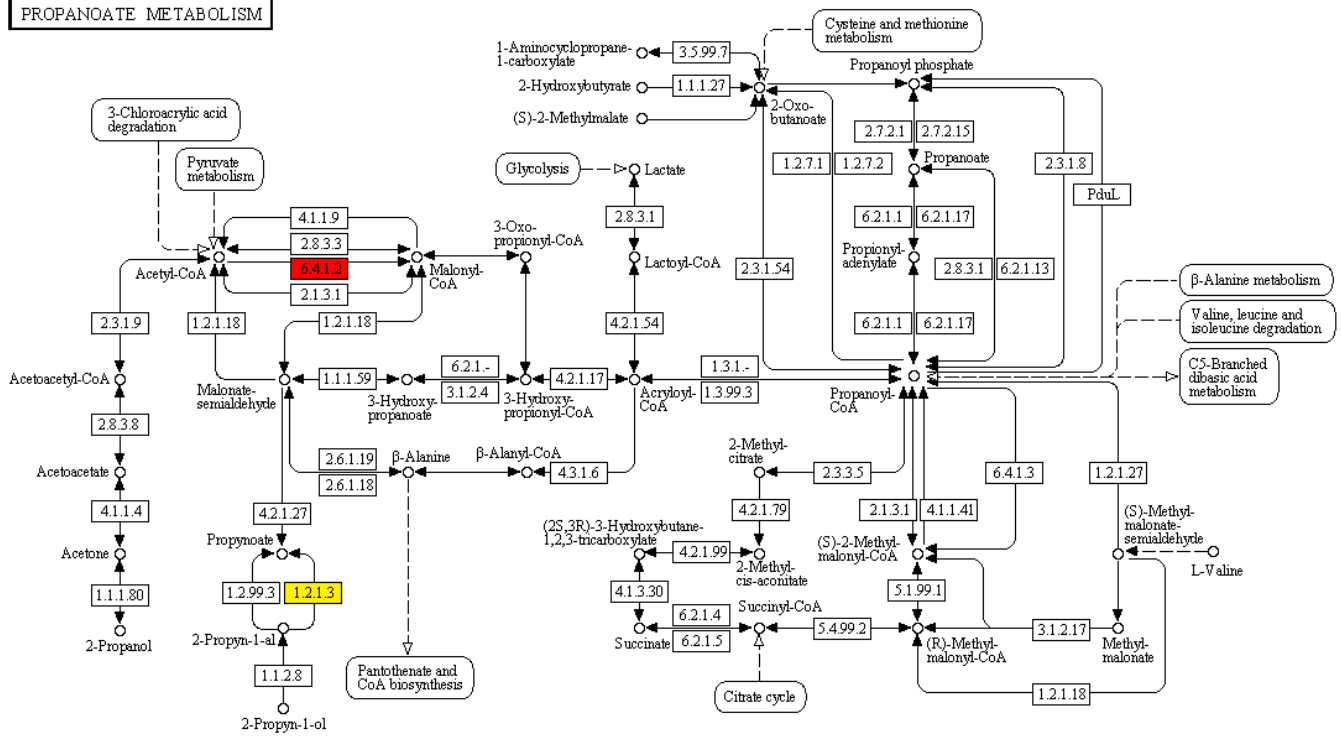
PYRUVATE METABOLISM



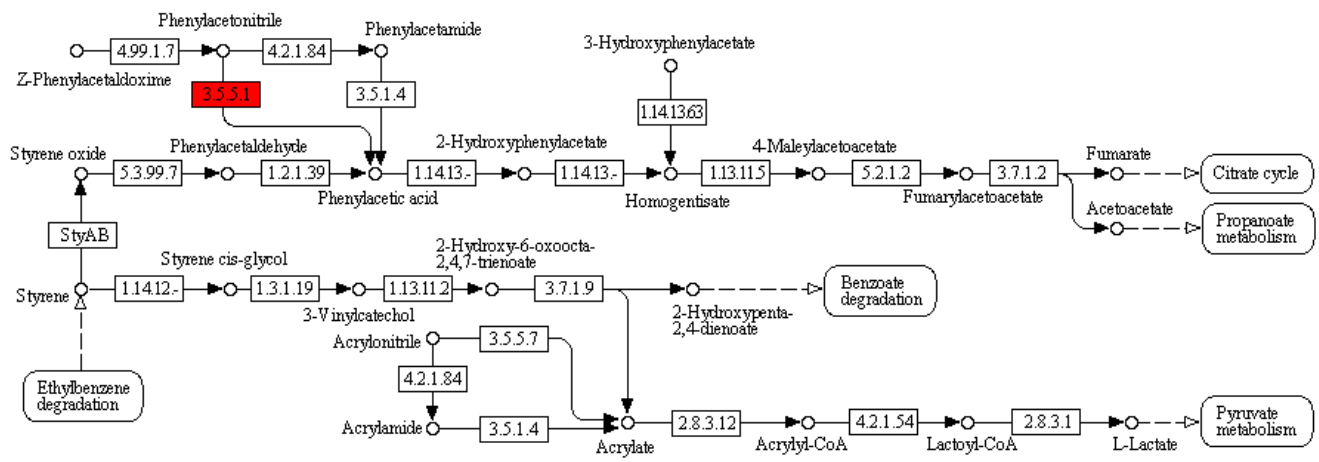
CHLOROALKANE AND CHLOROALKENE DEGRADATION



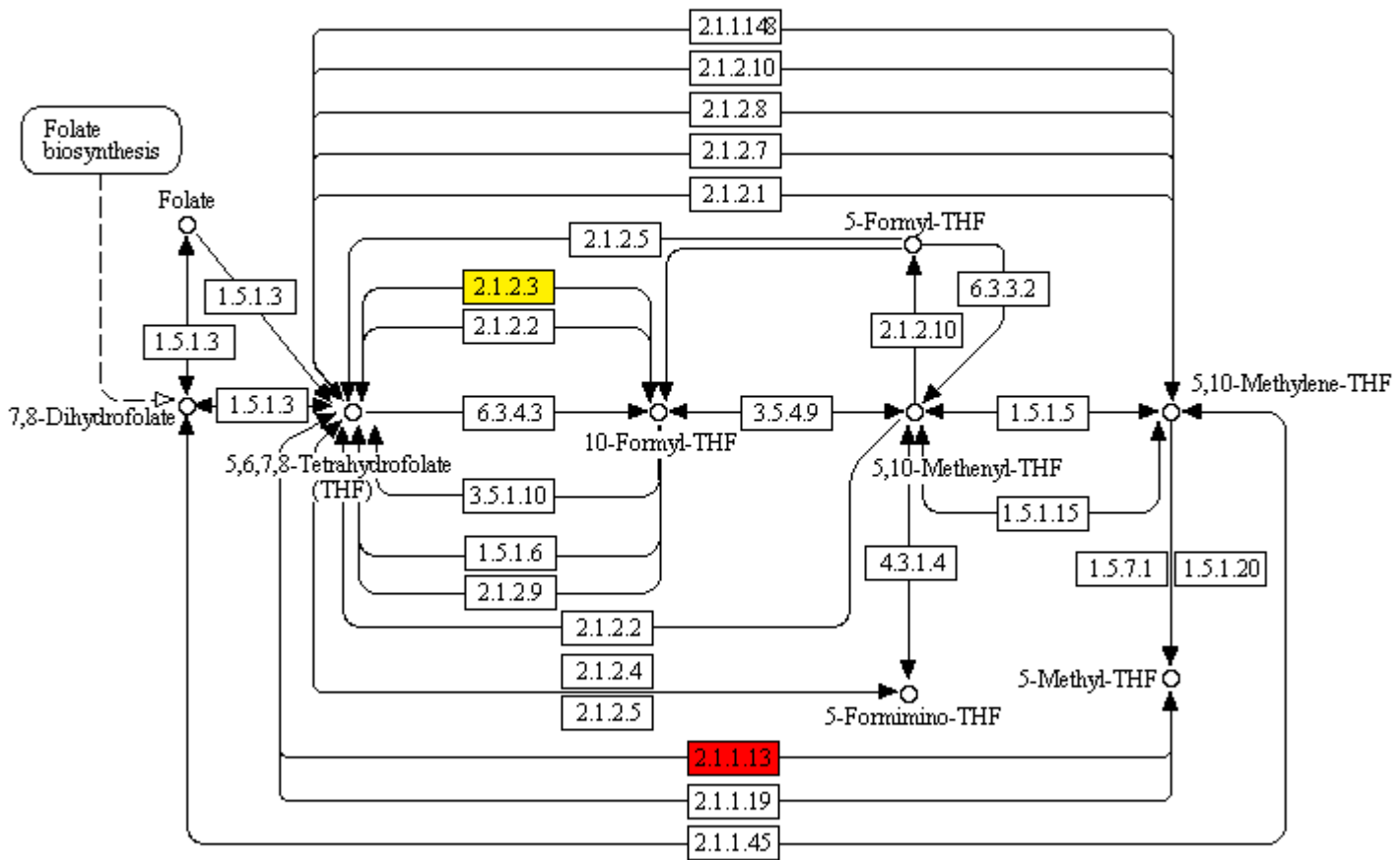
PROPANOATE METABOLISM



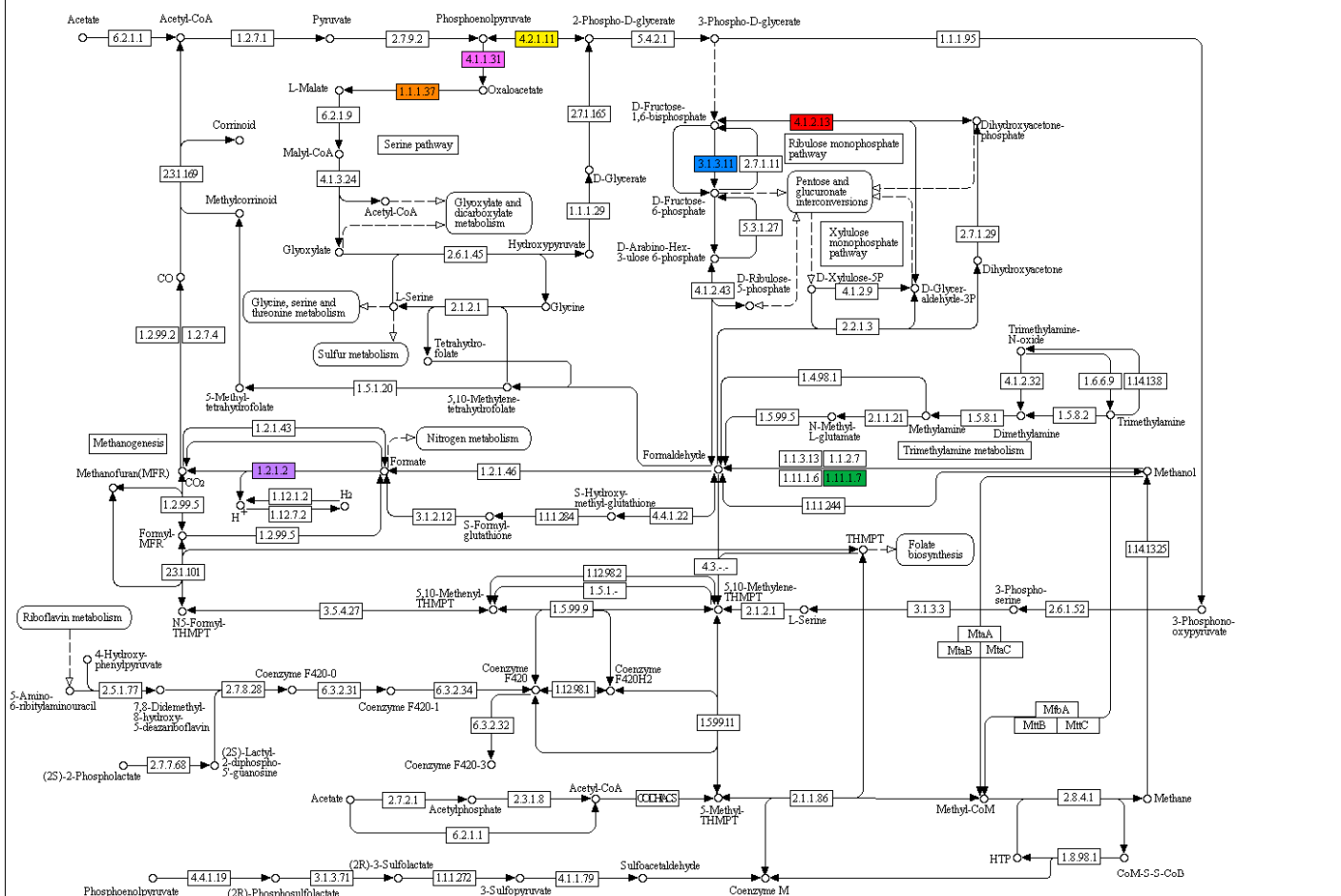
STYRENE DEGRADATION



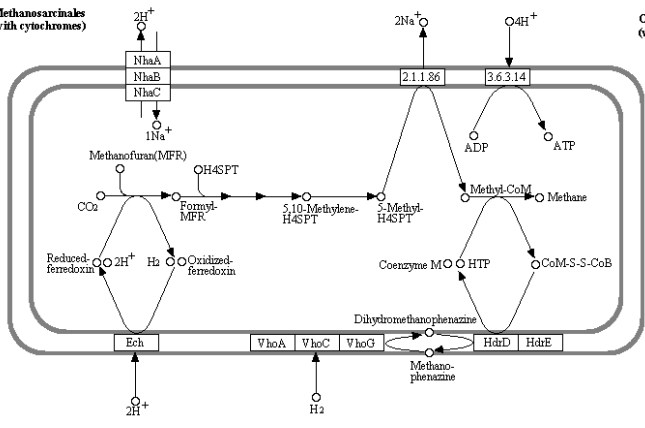
ONE CARBON POOL BY FOLATE



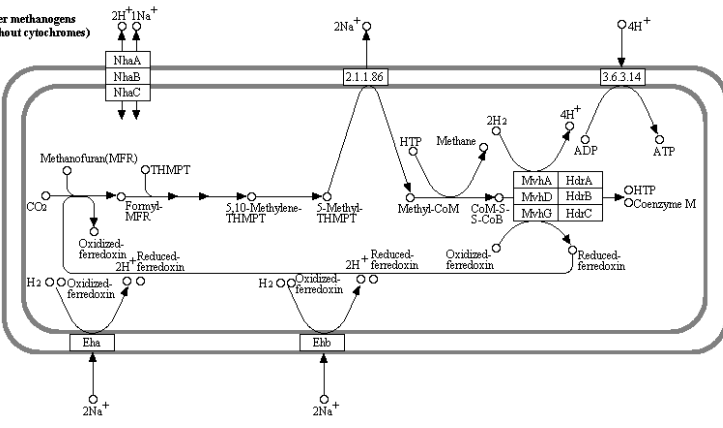
METHANE METABOLISM



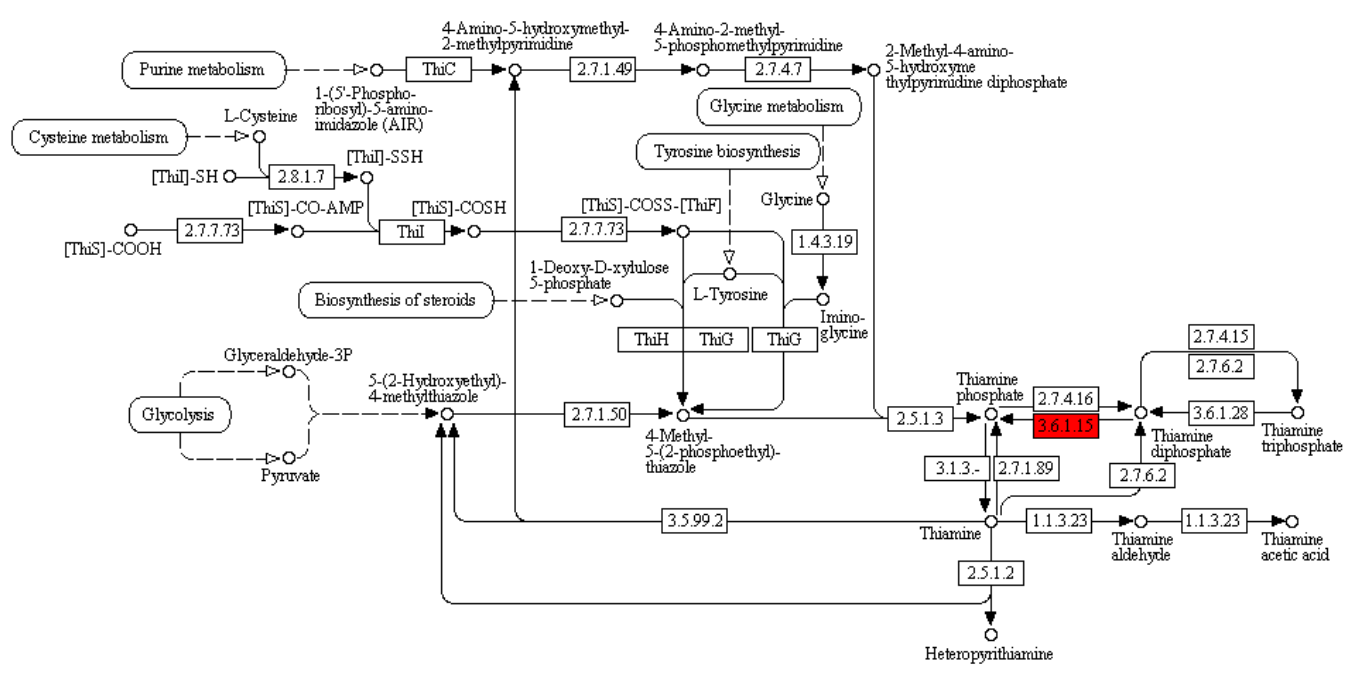
Methanosarcinales (with cytochromes)



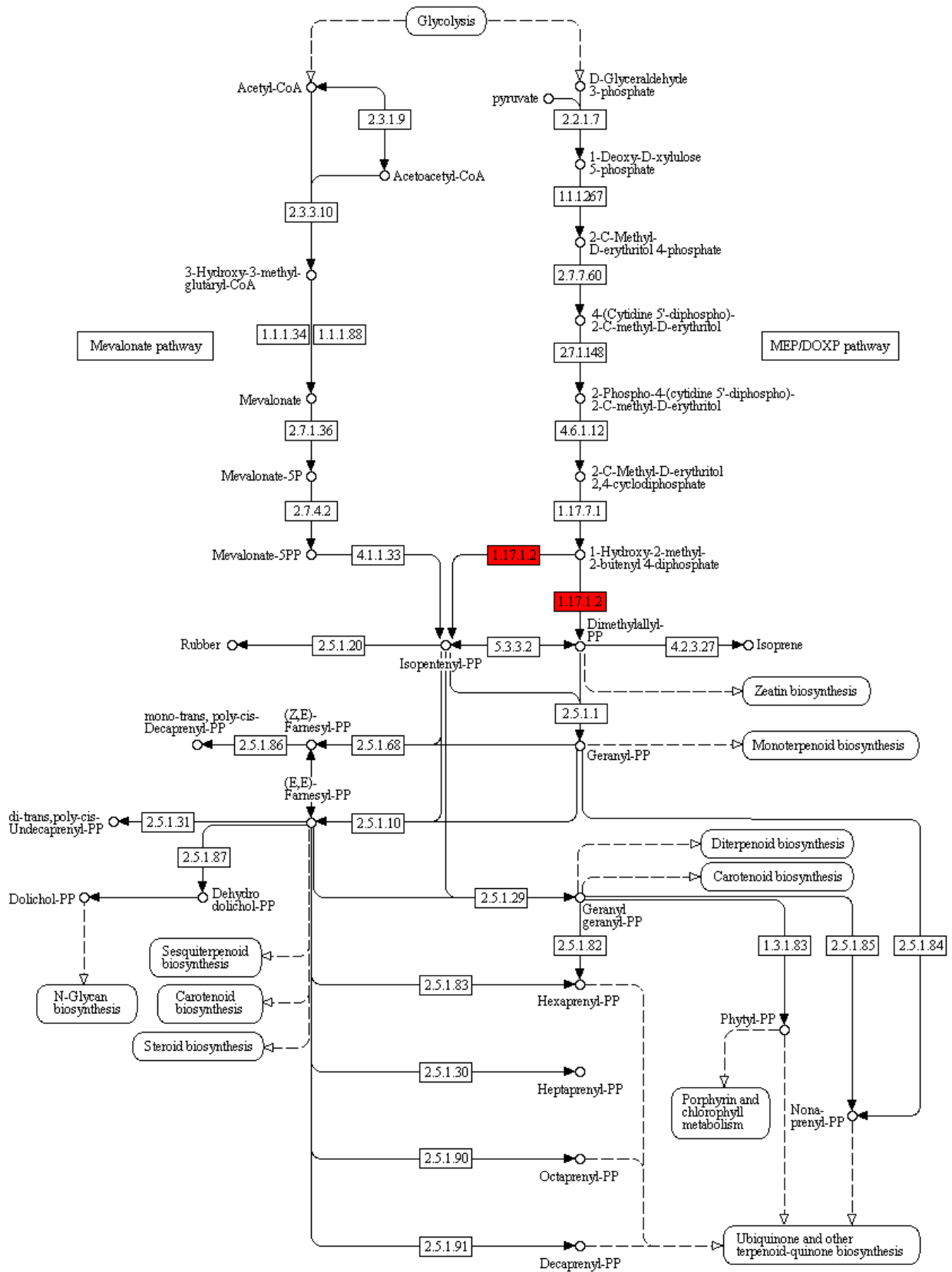
Other methanogens (without cytochromes)



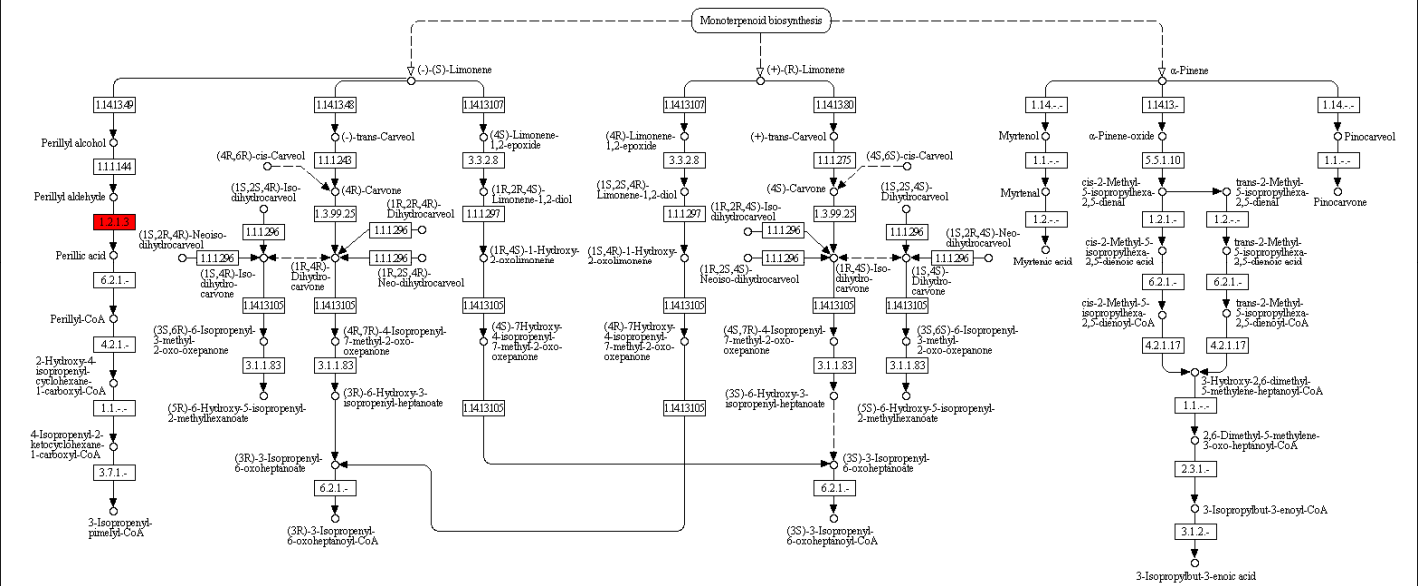
THIAMINE METABOLISM



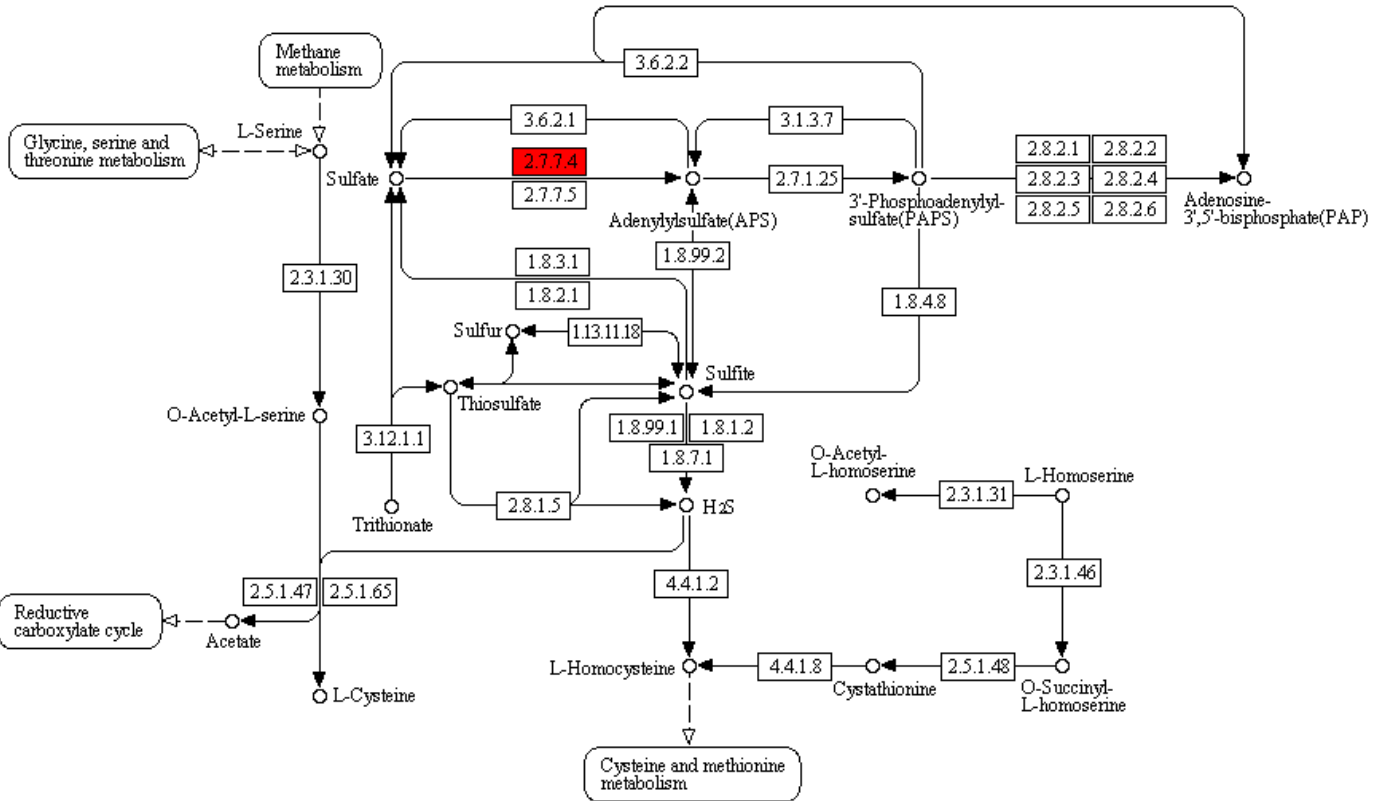
TERPENOID BACKBONE BIOSYNTHESIS



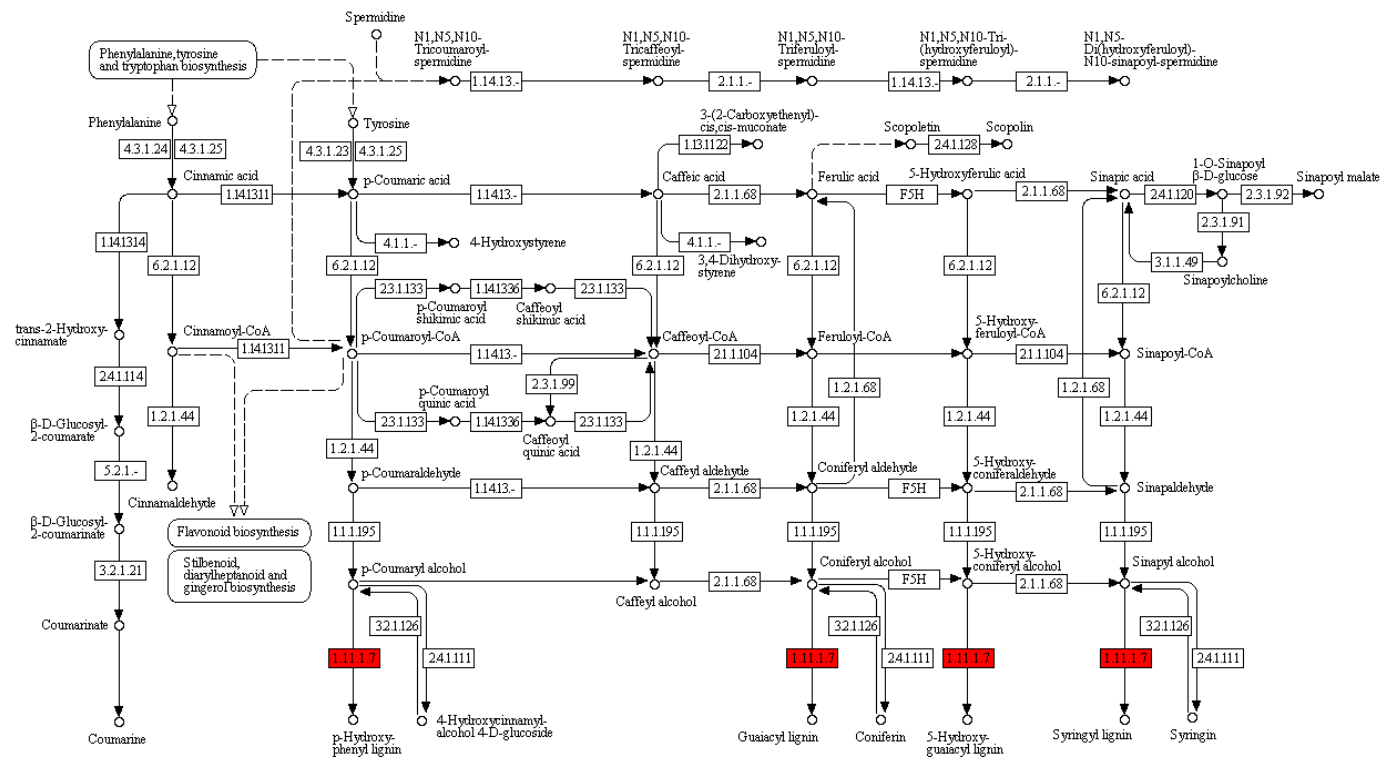
LIMONENE AND PINENE DEGRADATION



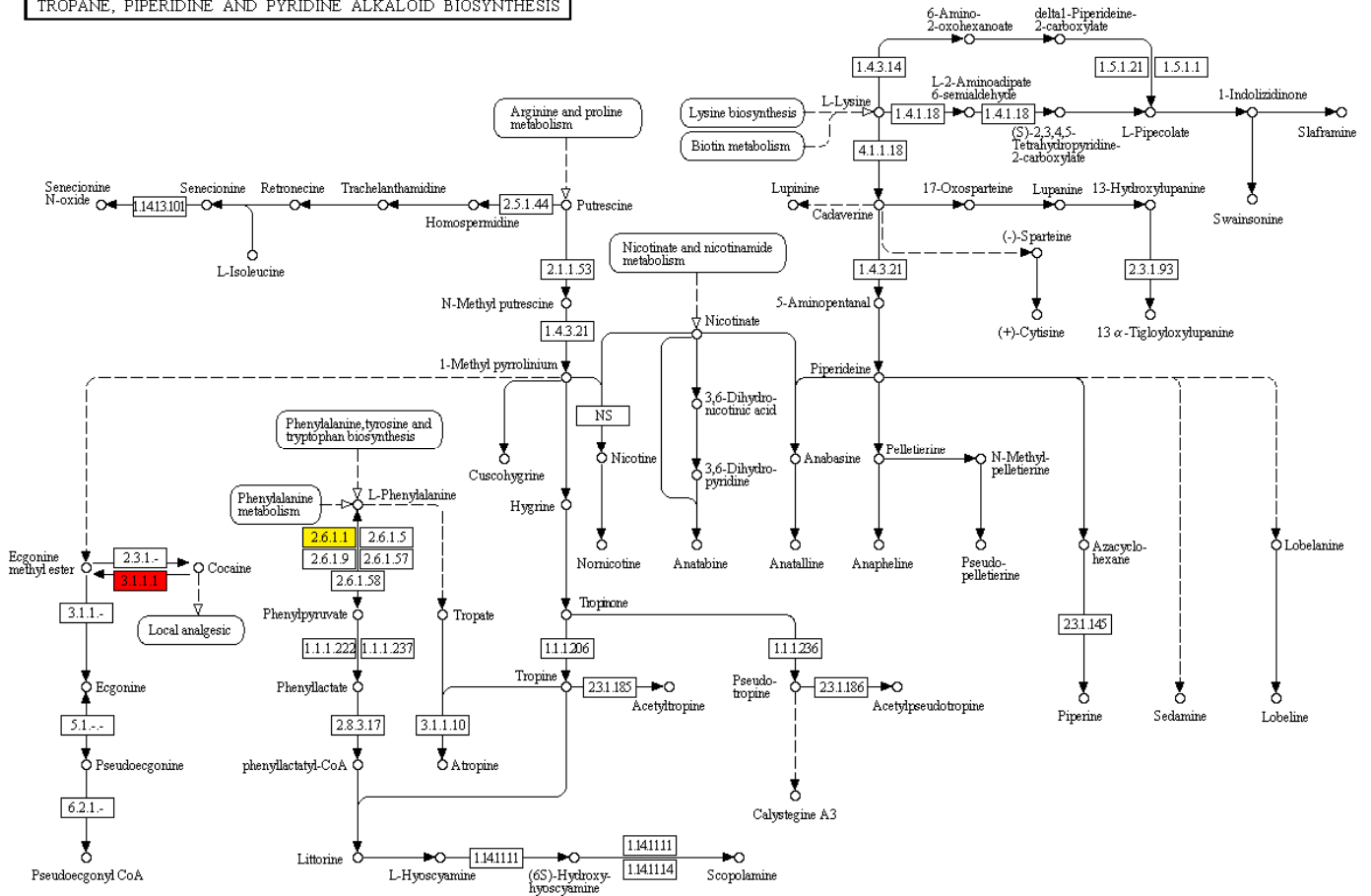
SULFUR METABOLISM: REDUCTION AND FIXATION



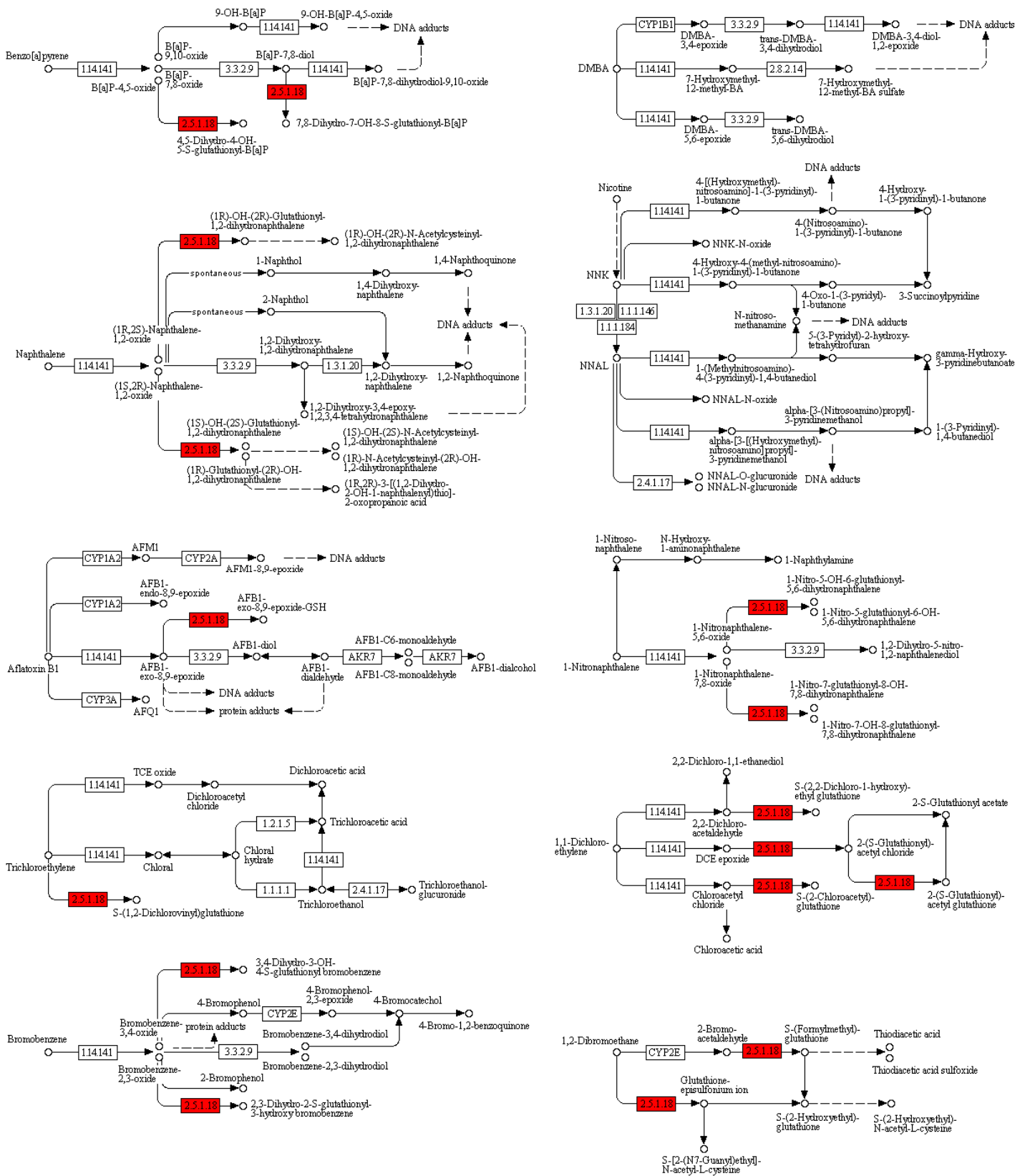
PHENYLPROPANOID BIOSYNTHESIS



TROPANE, PIPERIDINE AND PYRIDINE ALKALOID BIOSYNTHESIS

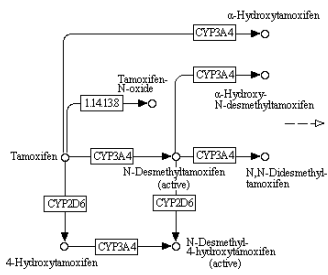


METABOLISM OF XENOBIOTICS BY CYTOCHROME P450

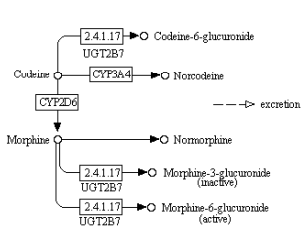


DRUG METABOLISM - CYTOCHROME P450

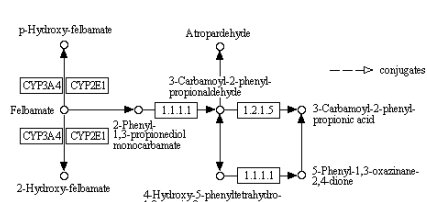
Tamoxifen



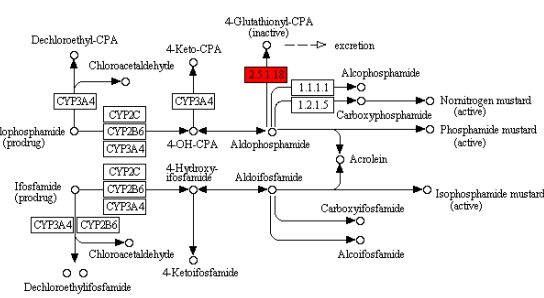
Codeine & Morphine



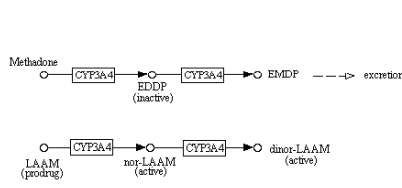
Felbamate



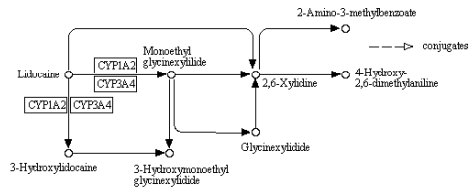
Cyclophosphamide & Ifosfamide



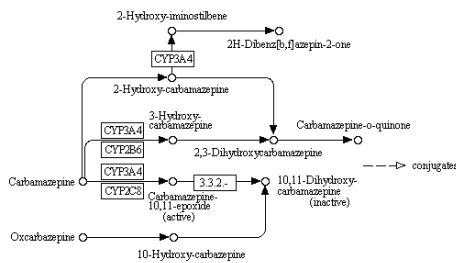
Metadone



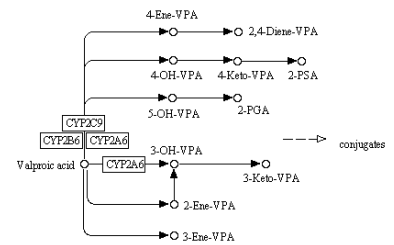
Lidocaine



Carbamazepine & Oxcarbazepine

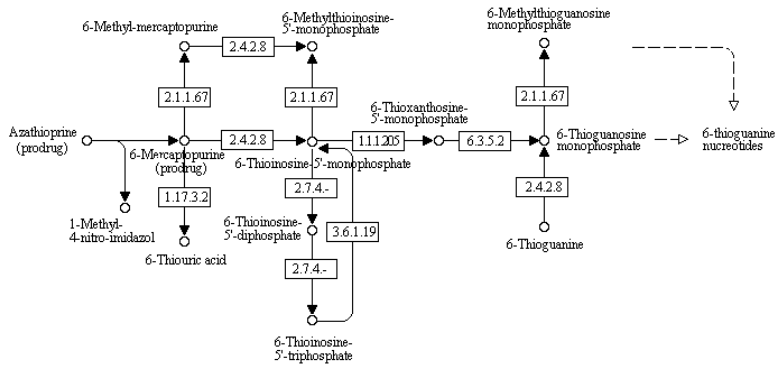


Valproic acid

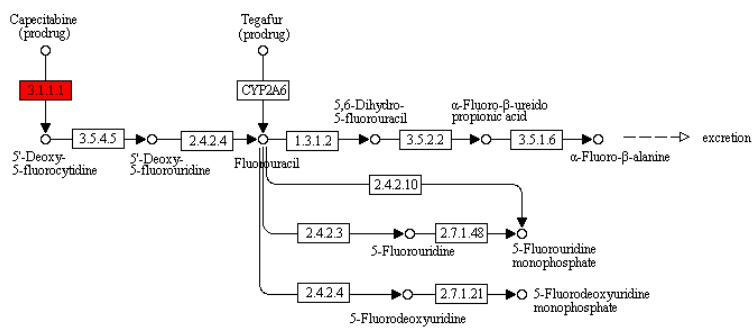


DRUG METABOLISM - OTHER ENZYMES

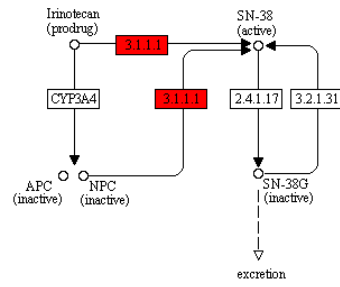
Azathioprine & 6-Mercaptopurine



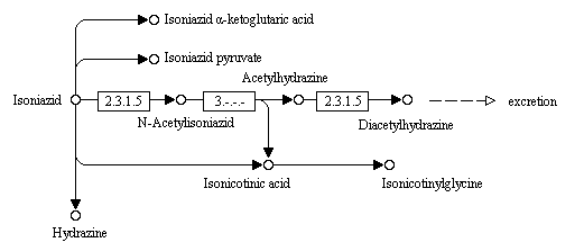
Fluorouracil



Irinotecan



Isoniazid



BIOSYNTHESIS OF PLANT HORMONES

