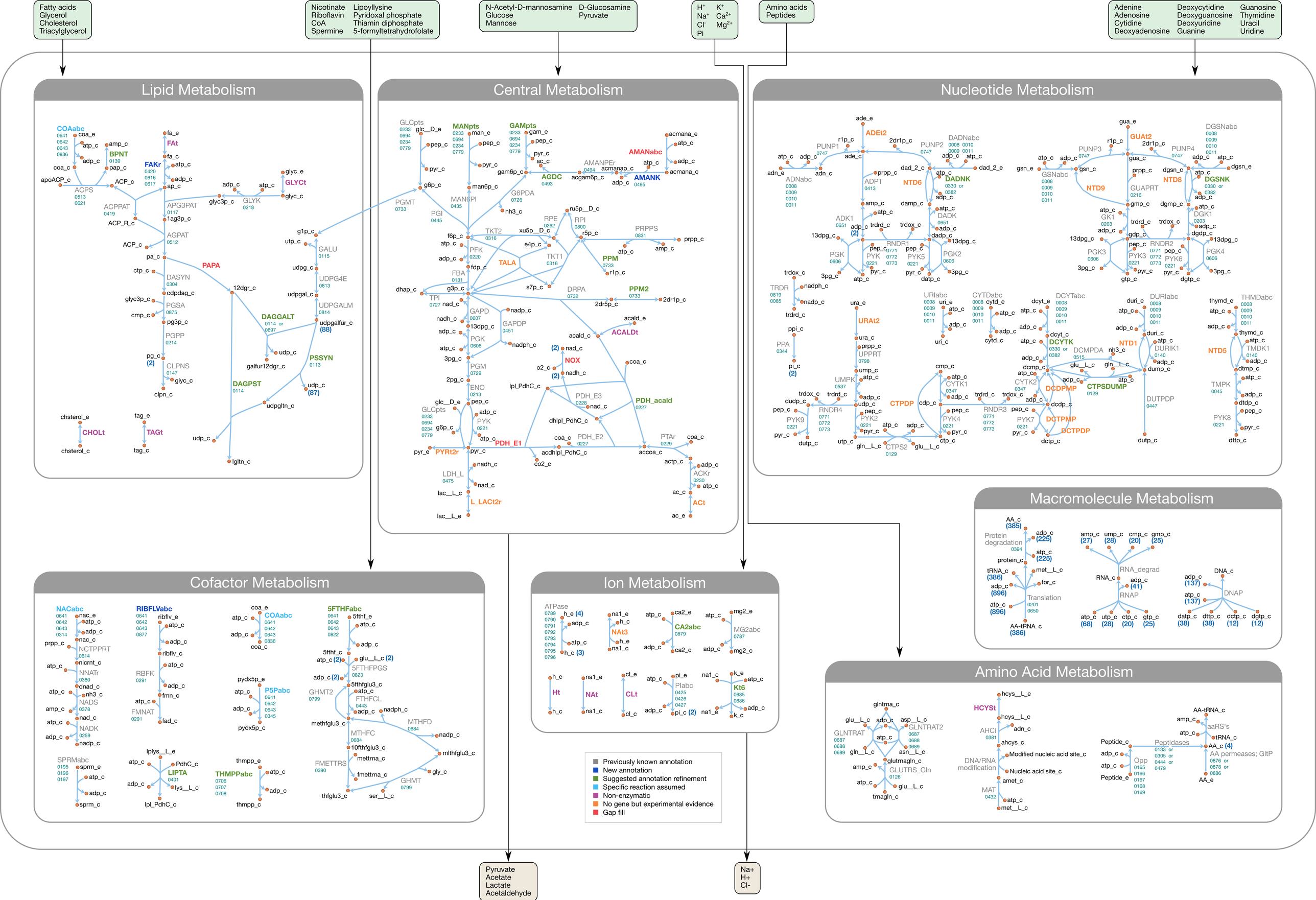
Fatty acids
Glycerol
Cholesterol
Triacylglycerol
Nicotinate
Riboflavin
CoA
Spermine
Lipoyllysine
Pyridoxal phosphate
Thiamin diphosphate
5-formyltetrahydrofolate
N-Acetyl-D-mannosamine
Glucose
Mannose
D-Glucosamine
Pyruvate
H+
Na+
Cl-
Pi
K+
Ca2+
Mg2+
Amino acids
Peptides
Adenine
Adenosine
Cytidine
Deoxyadenosine
Deoxycytidine
Deoxyguanosine
Deoxyuridine
Guanine
Guanosine
Thymidine
Uracil
Uridine
Lipid Metabolism
Central Metabolism
Nucleotide Metabolism
Cofactor Metabolism
Ion Metabolism
Macromolecule Metabolism
Amino Acid Metabolism
Previously known annotation
New annotation
Suggested annotation refinement
Specific reaction assumed
Non-enzymatic
No gene but experimental evidence
Gap fill
Pyruvate
Acetate
Lactate
Acetaldehyde
Na+
H+
Cl-