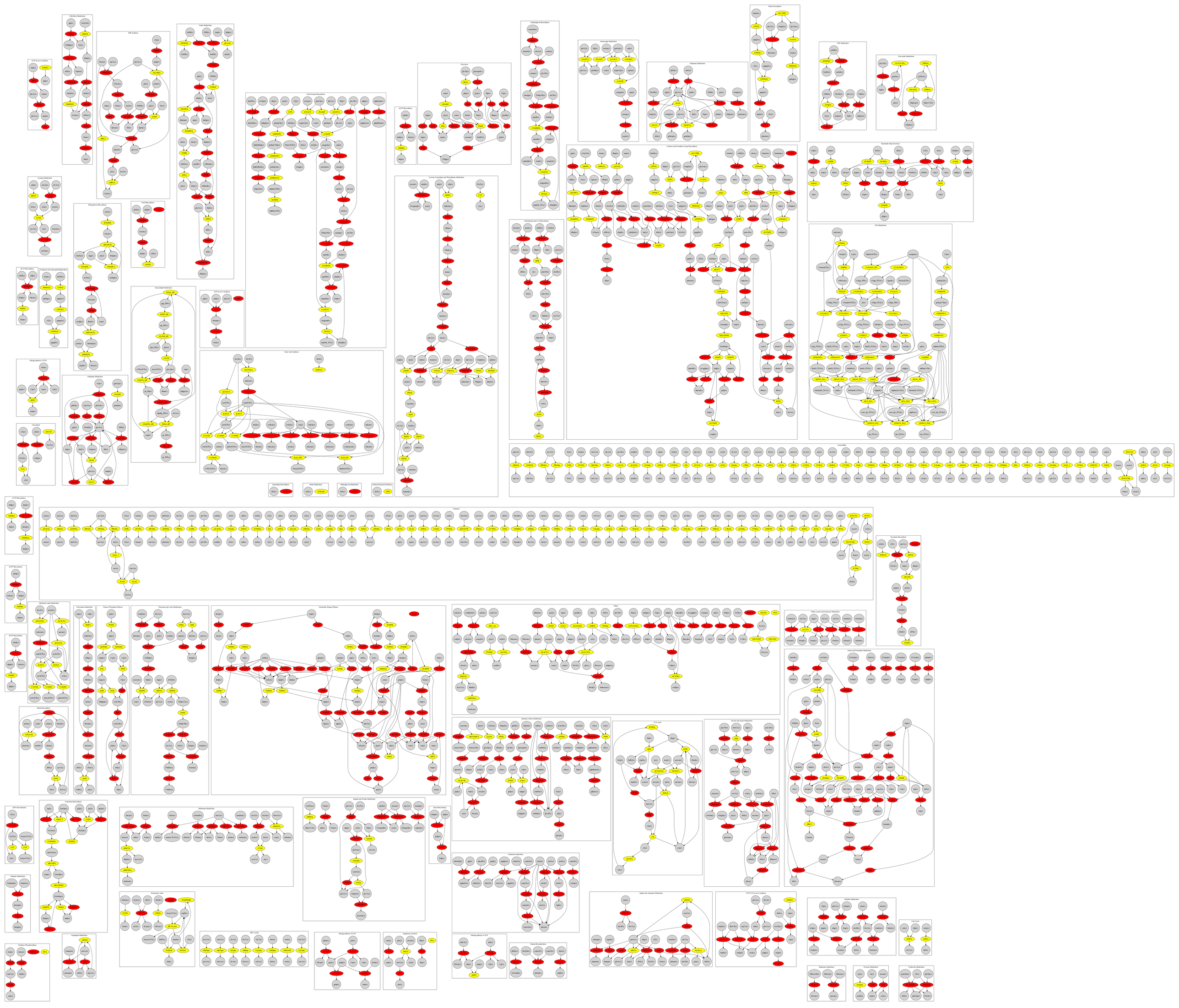
Ribosome Biosynthesis
GTP de novo Synthesis
IMP Synthesis
Folate Metabolism
Cell Envelope Biosynthesis
Glycolysis
Peptidoglycan Biosynthesis
Asparagine Metabolism
Glutamine Metabolism
Heme biosynthesis
TDP Metabolism
Glycerolate Metabolism
Cysteine Metabolism
Menaquinone Biosynthesis
NAD Biosynthesis
dCTP Biosynthesis
Propionate and Chlorophyll Metabolism
Glycerolipid Metabolism
ATP de novo Synthesis
Tyrosine Tryptophan and Phenylalanine Metabolism
Purine and Cyst Biosynthesis
Cofactor and Prosthetic Group Biosynthesis
Nucleotide Interconversion
LPS Metabolism
Salvage pathway of XTP
Glutamine Metabolism
Chorismate
Fatty Acid Synthesis
Spermidine Biosynthesis
Nitrite Metabolism
Methylglyoxal Metabolism
Lumen Ovulenced Pathway
Extracellular
dTTP Biosynthesis
Transport
dATP Biosynthesis
Nicotinate Biosynthesis
Sterol Biosynthesis
Valine Leucine and Isoleucine Metabolism
Purine and Pyrimidine Metabolism
Alternate Carbon Metabolism
TCA cycle
Glycine and Serine Metabolism
ROS Detoxification
Thiamine Metabolism
Methionine Metabolism
Arginine and Proline Metabolism
Histidine Metabolism
Propionate metabolism
Alanine and Aspartate Metabolism
CTP/UTP de novo Synthesis
Urea Cycle
Respiratory chain
ABC system
Salvage pathway of GTP
Salvage pathway of ATP
Vitamin B6 metabolism
Tryptophan metabolism
Oxidative Phosphorylation
Asparagine Metabolism
Pyrimidine Metabolism