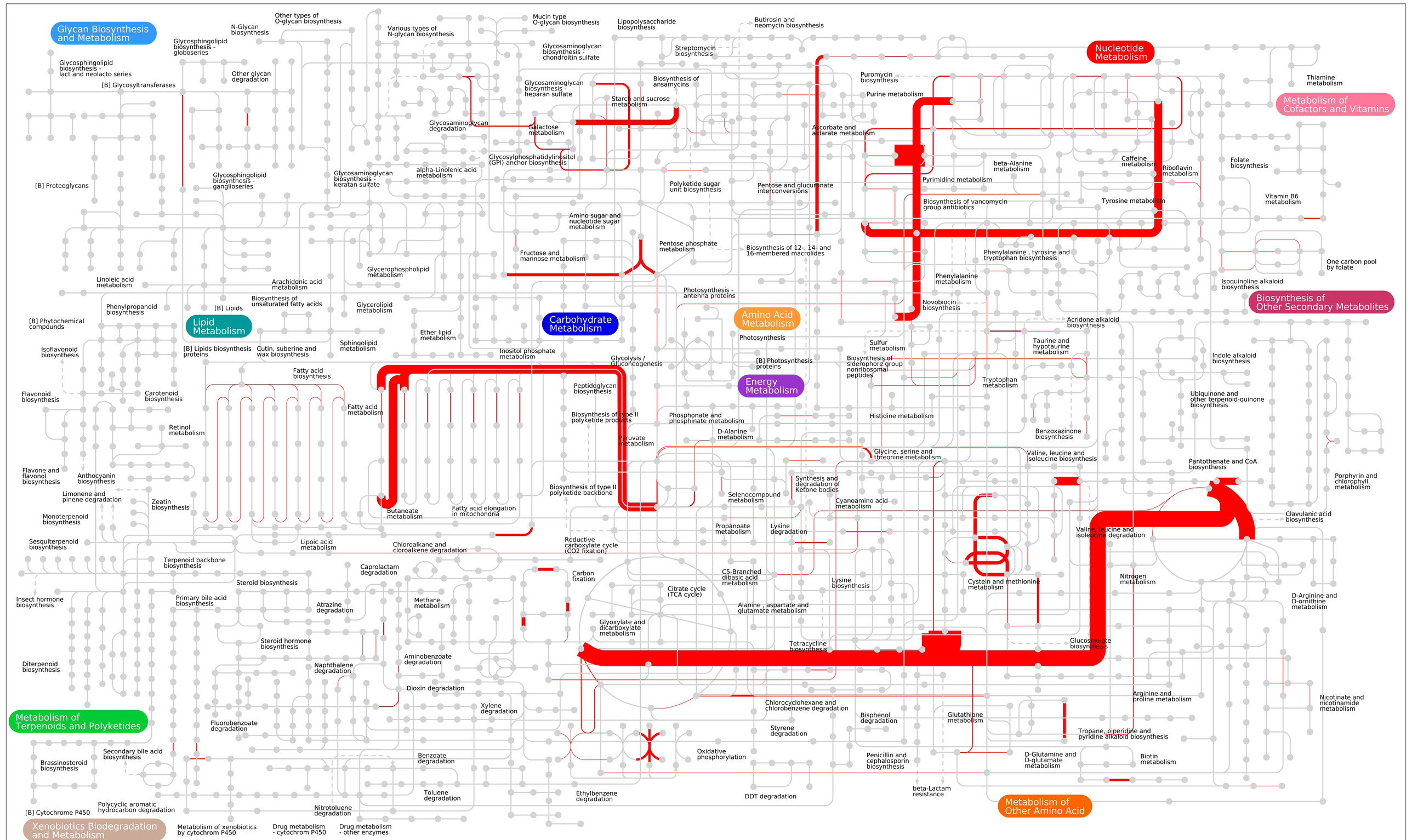
Glycan Biosynthesis and Metabolism
Glycosphingolipid biosynthesis - lact and neolacto series
[B] Glycosyltransferases
Glycosphingolipid biosynthesis - globoseries
N-Glycan biosynthesis
Other types of O-glycan biosynthesis
Other glycan degradation
Various types of N-glycan biosynthesis
Mucin type O-glycan biosynthesis
Lipopolysaccharide biosynthesis
Butirosin and neomycin biosynthesis
Streptomycin biosynthesis
Glycosaminoglycan biosynthesis - chondroitin sulfate
Glycosaminoglycan biosynthesis - heparan sulfate
Biosynthesis of ansamycins
Starch and sucrose metabolism
Glycosaminoglycan degradation
Galactose metabolism
Glycosylphosphatidylinositol (GPI)-anchor biosynthesis
[B] Proteoglycans
Glycosphingolipid biosynthesis - ganglioseries
Glycosaminoglycan biosynthesis - keratan sulfate
alpha-Linolenic acid metabolism
Polyketide sugar unit biosynthesis
Pentose and glucuronate interconversions
Amino sugar and nucleotide sugar metabolism
Fructose and mannose metabolism
Pentose phosphate metabolism
Biosynthesis of 12-, 14- and 16-membered macrolides
Glycerophospholipid metabolism
Linoleic acid metabolism
Arachidonic acid metabolism
Biosynthesis of unsaturated fatty acids
[B] Lipids
Lipid Metabolism
Glycerolipid metabolism
Phenylpropanoid biosynthesis
[B] Phytochemical compounds
Ether lipid metabolism
Sphingolipid metabolism
[B] Lipids biosynthesis proteins
Cutin, suberine and wax biosynthesis
Carbohydrate Metabolism
Photosynthesis - antenna proteins
Amino Acid Metabolism
Photosynthesis
Inositol phosphate metabolism
Glycolysis / Gluconeogenesis
[B] Photosynthesis proteins
Energy Metabolism
Isoflavonoid biosynthesis
Flavonoid biosynthesis
Carotenoid biosynthesis
Fatty acid biosynthesis
Fatty acid metabolism
Peptidoglycan biosynthesis
Biosynthesis of type II polyketide products
Phosphonate and phosphinate metabolism
D-Alanine metabolism
Pyruvate metabolism
Retinol metabolism
Flavone and flavonol biosynthesis
Anthocyanin biosynthesis
Limonene and pinene degradation
Zeatin biosynthesis
Monoterpenoid biosynthesis
Sesquiterpenoid biosynthesis
Terpenoid backbone biosynthesis
Butanoate metabolism
Fatty acid elongation in mitochondria
Biosynthesis of type II polyketide backbone
Lipoic acid metabolism
Chloroalkane and chloroalkene degradation
Reductive carboxylate cycle (CO2 fixation)
Propanoate metabolism
Lysine degradation
Selenocompound metabolism
Synthesis and degradation of ketone bodies
Cyanoamino acid metabolism
Caprolactam degradation
Carbon fixation
C5-Branched dibasic acid metabolism
Lysine biosynthesis
Steroid biosynthesis
Insect hormone biosynthesis
Primary bile acid biosynthesis
Atrazine degradation
Methane metabolism
Citrate cycle (TCA cycle)
Alanine , aspartate and glutamate metabolism
Glyoxylate and dicarboxylate metabolism
Steroid hormone biosynthesis
Tetracycline biosynthesis
Diterpenoid biosynthesis
Aminobenzoate degradation
Naphthalene degradation
Dioxin degradation
Xylene degradation
Chlorocyclohexane and chlorobenzene degradation
Bisphenol degradation
Styrene degradation
Glutathione metabolism
Metabolism of Terpenoids and Polyketides
Fluorobenzoate degradation
Secondary bile acid biosynthesis
Brassinosteroid biosynthesis
Benzoate degradation
Oxidative phosphorylation
Penicillin and cephalosporin biosynthesis
Toluene degradation
Ethylbenzene degradation
DDT degradation
beta-Lactam resistance
[B] Cytochrome P450
Polycyclic aromatic hydrocarbon degradation
Nitrotoluene degradation
Xenobiotics Biodegradation and Metabolism
Metabolism of xenobiotics by cytochrom P450
Drug metabolism - cytochrom P450
Drug metabolism - other enzymes
Nucleotide Metabolism
Puromycin biosynthesis
Purine metabolism
Ascorbate and aldarate metabolism
Pyrimidine metabolism
Biosynthesis of vancomycin group antibiotics
Phenylalanine , tyrosine and tryptophan biosynthesis
Phenylalanine metabolism
Novobiocin biosynthesis
Sulfur metabolism
Biosynthesis of siderophore group nonribosomal peptides
Histidine metabolism
Tryptophan metabolism
Glycine, serine and threonine metabolism
Valine, leucine and isoleucine biosynthesis
Cysteine and methionine metabolism
Valine, leucine and isoleucine degradation
Nitrogen metabolism
Glucosinolate biosynthesis
Arginine and proline metabolism
Tropane, piperidine and pyridine alkaloid biosynthesis
D-Glutamine and D-glutamate metabolism
Benzoxazinone biosynthesis
Metabolism of Other Amino Acid
Metabolism of Cofactors and Vitamins
Thiamine metabolism
beta-Alanine metabolism
Caffeine metabolism
Riboflavin metabolism
Folate biosynthesis
Vitamin B6 metabolism
Tyrosine metabolism
One carbon pool by folate
Isoquinoline alkaloid biosynthesis
Biosynthesis of Other Secondary Metabolites
Acridone alkaloid biosynthesis
Taurine and hypotaurine metabolism
Indole alkaloid biosynthesis
Ubiquinone and other terpenoid-quinone biosynthesis
Pantothenate and CoA biosynthesis
Porphyrin and chlorophyll metabolism
Clavulanic acid biosynthesis
D-Arginine and D-ornithine metabolism
Nicotinate and nicotinamide metabolism
Biotin metabolism