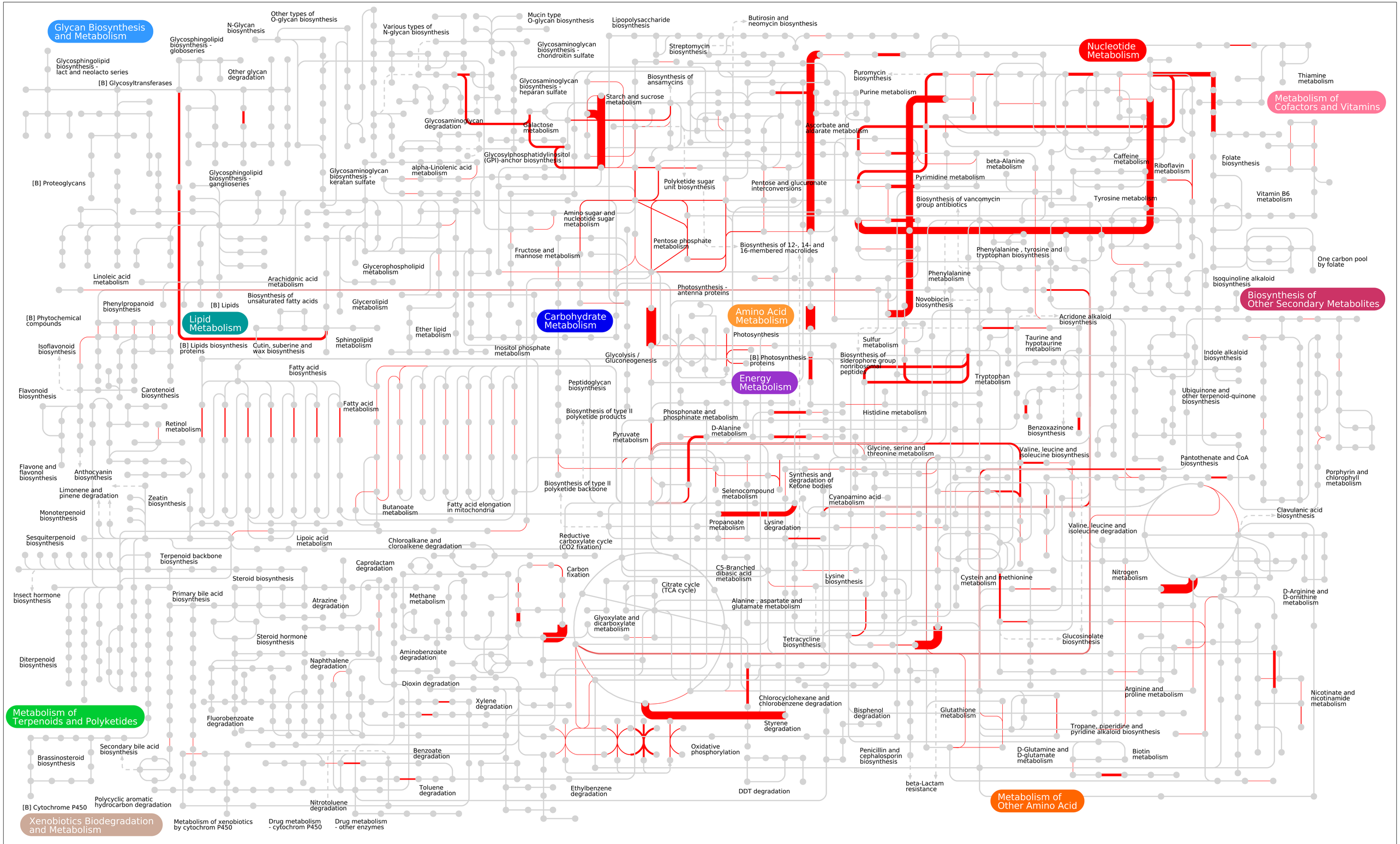
Glycan Biosynthesis and Metabolism
Glycosphingolipid biosynthesis - lact and neolacto series
[B] Glycosyltransferases
Glycosphingolipid biosynthesis - globoseries
N-Glycan biosynthesis
Other types of O-glycan biosynthesis
Other glycan degradation
Various types of N-glycan biosynthesis
Mucin type O-glycan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