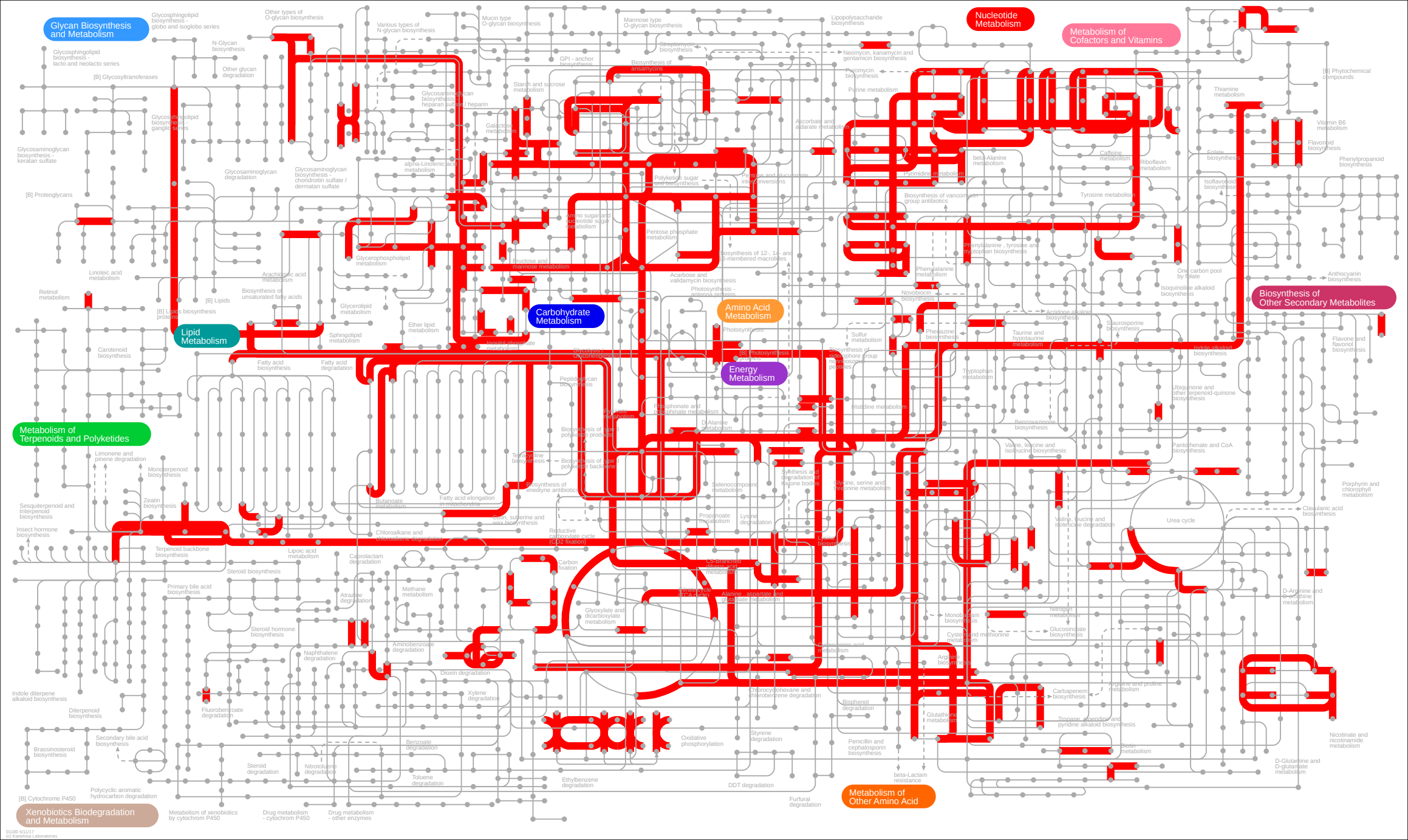
Glycan Biosynthesis and Metabolism
Nucleotide Metabolism
Metabolism of Cofactors and Vitamins
Carbohydrate Metabolism
Amino Acid Metabolism
Biosynthesis of Other Secondary Metabolites
Lipid Metabolism
Energy Metabolism
Metabolism of Terpenoids and Polyketides
Metabolism of Other Amino Acid
Xenobiotics Biodegradation and Metabolism
Glycosphingolipid biosynthesis - globo and isoglobo series
Other types of O-glycan biosynthesis
Various types of N-glycan biosynthesis
Mucin type O-glycan biosynthesis
Mannose type O-glycan biosynthesis
Lipopolysaccharide biosynthesis
Glycosphingolipid biosynthesis - lacto and neolacto series
N-Glycan biosynthesis
Other glycan degradation
[B] Glycosyltransferases
GPI - anchor biosynthesis
Streptomycin biosynthesis
Biosynthesis of ansamycins
Neomycin, kanamycin and gentamicin biosynthesis
Paromycin biosynthesis
Purine metabolism
[B] Phytochemical compounds
Starch and sucrose metabolism
Glycosaminoglycan biosynthesis - heparan sulfate / heparin
Galactose metabolism
Ascorbate and aldarate metabolism
Thiamine metabolism
Vitamin B6 metabolism
Flavonoid biosynthesis
Glycosphingolipid biosynthesis - ganglio series
Glycosaminoglycan biosynthesis - keratan sulfate
Glycosaminoglycan degradation
Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate
alpha-Linolenic acid metabolism
Polyketide sugar unit biosynthesis
Pentose and glucuronate interconversions
beta-Alanine metabolism
Caffeine metabolism
Riboflavin metabolism
Folate biosynthesis
Phenylpropanoid biosynthesis
Pyrimidine metabolism
Isoflavonoid biosynthesis
[B] Proteoglycans
Biosynthesis of vancomycin group antibiotics
Tyrosine metabolism
Amino sugar and nucleotide sugar metabolism
Pentose phosphate metabolism
Glycerophospholipid metabolism
Fructose and mannose metabolism
Biosynthesis of 12-, 14- and 16-membered macrolides
Phenylalanine, tyrosine and tryptophan biosynthesis
Phenylalanine metabolism
One carbon pool by folate
Anthocyanin biosynthesis
Linoleic acid metabolism
Arachidonic acid metabolism
Acarbose and validamycin biosynthesis
Novobiocin biosynthesis
Isoquinoline alkaloid biosynthesis
Retinol metabolism
Biosynthesis of unsaturated fatty acids
[B] Lipids
Photosynthesis - antenna proteins
Glycerolipid metabolism
[B] Lipids biosynthesis proteins
Ether lipid metabolism
Acridone alkaloid biosynthesis
Staurosporine biosynthesis
Sphingolipid metabolism
Photosynthesis
Sulfur metabolism
Phenazine biosynthesis
Taurine and hypotaurine metabolism
Indole alkaloid biosynthesis
Flavone and flavonol biosynthesis
Carotenoid biosynthesis
Fatty acid biosynthesis
Fatty acid degradation
Glycolysis / Gluconeogenesis
[B] Photosynthesis proteins
Biosynthesis of siderophore group nonribosomal peptides
Tryptophan metabolism
Peptidoglycan biosynthesis
Ubiquinone and other terpenoid-quinone biosynthesis
Phosphonate and phosphinate metabolism
Histidine metabolism
D-Alanine metabolism
Benzoxazinone biosynthesis
Biosynthesis of type II polyketide products
Valine, leucine and isoleucine biosynthesis
Pantothenate and CoA biosynthesis
Limonene and pinene degradation
Monoterpenoid biosynthesis
Terpenoid biosynthesis
Biosynthesis of type II polyketide backbone
Synthesis and degradation of ketone bodies
Glycine, serine and threonine metabolism
Porphyrin and chlorophyll metabolism
Sesquiterpenoid and triterpenoid biosynthesis
Zeatin biosynthesis
Butanoate metabolism
Fatty acid elongation in mitochondria
Biosynthesis of enediyne antibiotics
Selenocompound metabolism
Clavulanic acid biosynthesis
Insect hormone biosynthesis
Cutin, suberine and wax biosynthesis
Propanoate metabolism
Lysine degradation
Valine, leucine and isoleucine degradation
Urea cycle
Chloroalkane and chloroalkene degradation
Reductive carboxylate cycle (CO2 fixation)
Terpenoid backbone biosynthesis
Lipoic acid metabolism
Caprolactam degradation
Carbon fixation
Steroid biosynthesis
Primary bile acid biosynthesis
Atrazine degradation
Methane metabolism
Alanine, aspartate and glutamate metabolism
Glyoxylate and dicarboxylate metabolism
D-Arginine and D-ornithine metabolism
Monobactam biosynthesis
Nitrogen metabolism
Steroid hormone biosynthesis
Cysteine and methionine metabolism
Glucosinolate biosynthesis
Aminobenzoate degradation
Naphthalene degradation
Gamma-aminobutyric acid metabolism
Arginine biosynthesis
Dioxin degradation
Indole diterpene alkaloid biosynthesis
Chlorocyclohexane and chlorobenzene degradation
Carbapenem biosynthesis
Arginine and proline metabolism
Xylene degradation
Diterpenoid biosynthesis
Fluorobenzoate degradation
Bisphenol degradation
Glutathione metabolism
Tropane, piperidine and pyridine alkaloid biosynthesis
Secondary bile acid biosynthesis
Oxidative phosphorylation
Styrene degradation
Nicotinate and nicotinamide metabolism
Brassinosteroid biosynthesis
Penicillin and cephalosporin biosynthesis
Biotin metabolism
Benzoate degradation
D-Glutamine and D-glutamate metabolism
Steroid degradation
Nitrotoluene degradation
Toluene degradation
Ethylbenzene degradation
DDT degradation
beta-Lactam resistance
Polycyclic aromatic hydrocarbon degradation
Furfural degradation
[B] Cytochrome P450
Metabolism of xenobiotics by cytochrom P450
Drug metabolism - cytochrom P450
Drug metabolism - other enzymes
01100 5/11/17
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