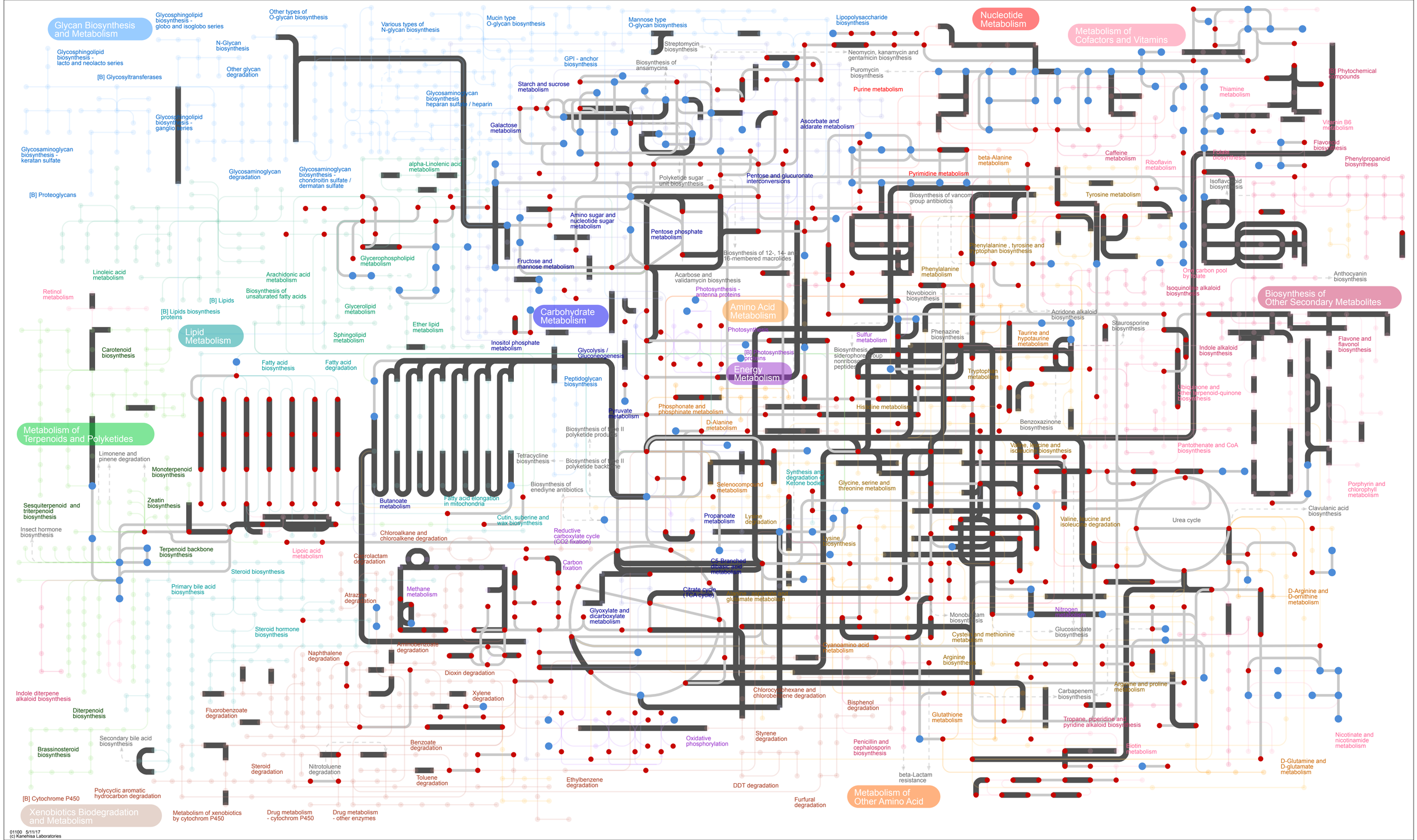
Glycan Biosynthesis and Metabolism
Glycosphingolipid biosynthesis - globo and isoglobo series
Other types of O-glycan biosynthesis
Various types of N-glycan biosynthesis
Mucin type O-glycan biosynthesis
Mannose type O-glycan biosynthesis
Lipopolysaccharide biosynthesis
Nucleotide Metabolism
Metabolism of Cofactors and Vitamins
Glycosphingolipid biosynthesis - lacto and neolacto series
N-Glycan biosynthesis
Streptomycin biosynthesis
Neomycin, kanamycin and gentamicin biosynthesis
[B] Glycosyltransferases
Other glycan degradation
GPI - anchor biosynthesis
Biosynthesis of ansamycins
Puromycin biosynthesis
[B] Phytochemical compounds
Starch and sucrose metabolism
Purine metabolism
Thiamine metabolism
Glycosaminoglycan biosynthesis - heparan sulfate / heparin
Glycosphingolipid biosynthesis - ganglio series
Galactose metabolism
Ascorbate and aldarate metabolism
Vitamin B6 metabolism
Flavonoid biosynthesis
Glycosaminoglycan biosynthesis - keratan sulfate
Caffeine metabolism
Riboflavin metabolism
Folate biosynthesis
Phenylpropanoid biosynthesis
Glycosaminoglycan degradation
Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate
alpha-Linolenic acid metabolism
beta-Alanine metabolism
Pyrimidine metabolism
Polyketide sugar unit biosynthesis
Pentose and glucuronate interconversions
Isoflavonoid biosynthesis
[B] Proteoglycans
Biosynthesis of vancomycin group antibiotics
Tyrosine metabolism
Amino sugar and nucleotide sugar metabolism
Pentose phosphate metabolism
Phenylalanine , tyrosine and tryptophan biosynthesis
Glycerophospholipid metabolism
Fructose and mannose metabolism
Biosynthesis of 12-, 14- and 16-membered macrolides
Phenylalanine metabolism
Organic carbon pool by folate
Anthocyanin biosynthesis
Linoleic acid metabolism
Arachidonic acid metabolism
Acarbose and validamycin biosynthesis
Retinol metabolism
Biosynthesis of unsaturated fatty acids
Photosynthesis - antenna proteins
Novobiocin biosynthesis
Isoquinoline alkaloid biosynthesis
Biosynthesis of Other Secondary Metabolites
[B] Lipids
Glycerolipid metabolism
Carbohydrate Metabolism
Amino Acid Metabolism
[B] Lipids biosynthesis proteins
Acridone alkaloid biosynthesis
Lipid Metabolism
Ether lipid metabolism
Photosynthesis
Sulfur metabolism
Staurosporine biosynthesis
Sphingolipid metabolism
Phenazine biosynthesis
Taurine and hypotaurine metabolism
Inositol phosphate metabolism
Glycolysis / Gluconeogenesis
[B] Photosynthesis proteins
Indole alkaloid biosynthesis
Flavone and flavonol biosynthesis
Carotenoid biosynthesis
Fatty acid biosynthesis
Fatty acid degradation
Biosynthesis of siderophore group nonribosomal peptides
Energy Metabolism
Tryptophan metabolism
Peptidoglycan biosynthesis
Ubiquinone and other terpenoid-quinone biosynthesis
Phosphonate and phosphinate metabolism
Histidine metabolism
Pyruvate metabolism
D-Alanine metabolism
Benzoxazinone biosynthesis
Biosynthesis of type II polyketide products
Metabolism of Terpenoids and Polyketides
Valine, leucine and isoleucine biosynthesis
Pantothenate and CoA biosynthesis
Limonene and pinene degradation
Tetracycline biosynthesis
Biosynthesis of type II polyketide backbone
Monoterpenoid biosynthesis
Synthesis and degradation of Ketone bodies
Glycine, serine and threonine metabolism
Porphyrin and chlorophyll metabolism
Biosynthesis of enediyne antibiotics
Selenocompound metabolism
Sesquiterpenoid and triterpenoid biosynthesis
Zeatin biosynthesis
Butanoate metabolism
Fatty acid elongation in mitochondria
Clavulanic acid biosynthesis
Cutin, suberine and wax biosynthesis
Propanoate metabolism
Lysine degradation
Valine, leucine and isoleucine degradation
Urea cycle
Insect hormone biosynthesis
Chloroalkane and chloroalkene degradation
Reductive carboxylate cycle (CO2 fixation)
Lysine biosynthesis
Terpenoid backbone biosynthesis
Lipoic acid metabolism
Caprolactam degradation
Carbon fixation
C5-Branched dibasic acid metabolism
Steroid biosynthesis
Primary bile acid biosynthesis
Methane metabolism
Citrate cycle (TCA cycle)
D-Arginine and D-ornithine metabolism
Atrazine degradation
glutamate metabolism
Glyoxylate and dicarboxylate metabolism
Nitrogen metabolism
Monobactam biosynthesis
Steroid hormone biosynthesis
Cysteine and methionine metabolism
Glucosinolate biosynthesis
Aminobenzoate degradation
Cyanoamino acid metabolism
Naphthalene degradation
Arginine biosynthesis
Dioxin degradation
Arginine and proline metabolism
Indole diterpene alkaloid biosynthesis
Chlorocyclohexane and chlorobenzene degradation
Carbapenem biosynthesis
Xylene degradation
Bisphenol degradation
Diterpenoid biosynthesis
Fluorobenzoate degradation
Glutathione metabolism
Tropane, piperidine and pyridine alkaloid biosynthesis
Nicotinate and nicotinamide metabolism
Secondary bile acid biosynthesis
Oxidative phosphorylation
Styrene degradation
Brassinosteroid biosynthesis
Benzoate degradation
Penicillin and cephalosporin biosynthesis
Biotin metabolism
Steroid degradation
Nitrotoluene degradation
D-Glutamine and D-glutamate metabolism
Toluene degradation
Ethylbenzene degradation
beta-Lactam resistance
DDT degradation
[B] Cytochrome P450
Polycyclic aromatic hydrocarbon degradation
Furfural degradation
Metabolism of Other Amino Acid
Xenobiotics Biodegradation and Metabolism
Metabolism of xenobiotics by cytochrom P450
Drug metabolism - cytochrom P450
Drug metabolism - other enzymes
01100 5/11/17
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