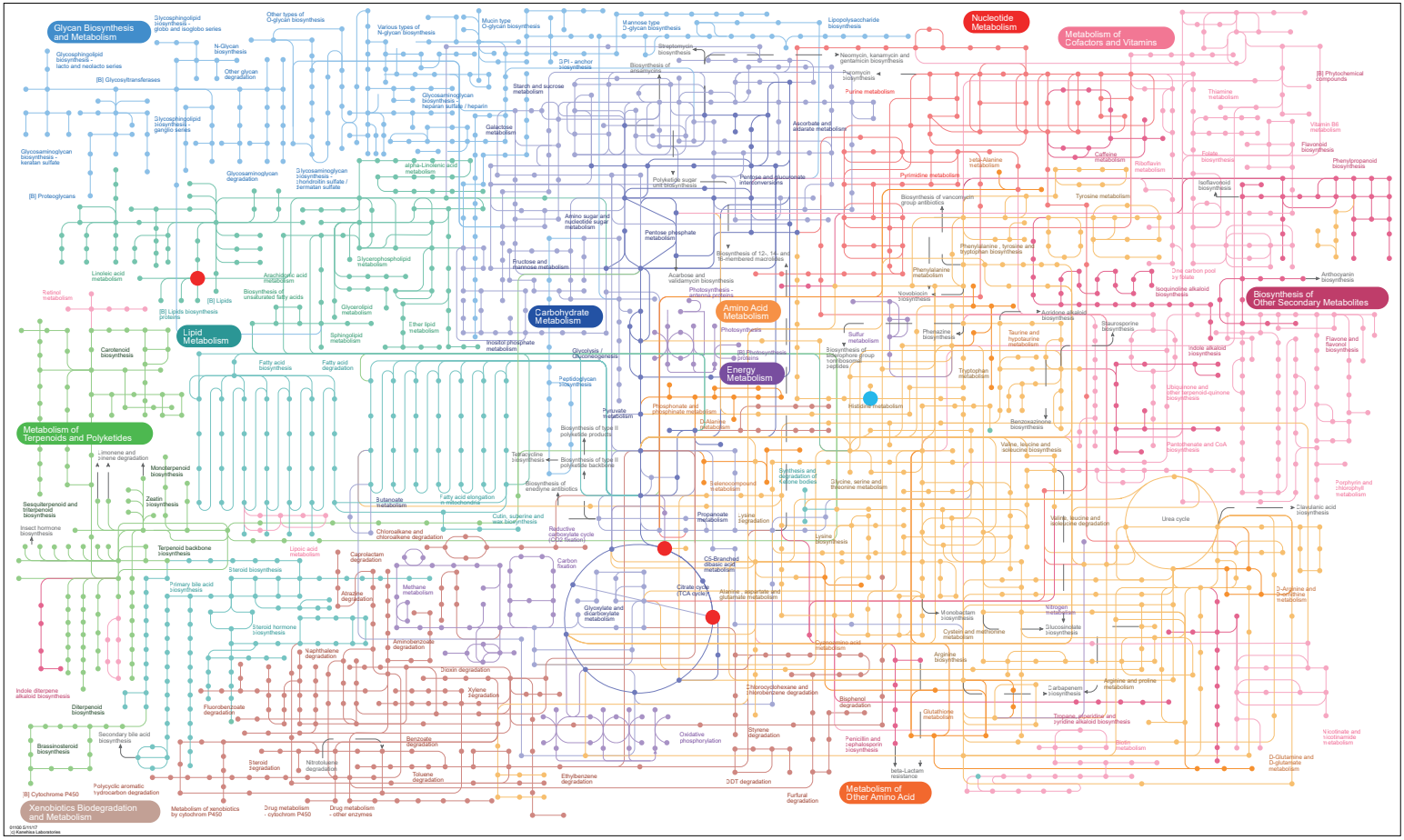
Glycan Biosynthesis and Metabolism
Lipid Metabolism
Carbohydrate Metabolism
Amino Acid Metabolism
Energy Metabolism
Nucleotide Metabolism
Metabolism of Cofactors and Vitamins
Biosynthesis of Other Secondary Metabolites
Metabolism of Terpenoids and Polyketides
Xenobiotics Biodegradation and Metabolism
Metabolism of Other Amino Acid
Glycosphingolipid biosynthesis - globo and isoglobo series
Glycosphingolipid biosynthesis - lacto and neolacto series
Glycosphingolipid biosynthesis - ganglio series
Glycosaminoglycan biosynthesis - keratan sulfate
Glycosaminoglycan degradation
Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate
Glycosaminoglycan biosynthesis - heparan sulfate / heparin
Glycosaminoglycan biosynthesis - hyaluronan
Glycosylphosphatidylinositol (GPI) - anchor biosynthesis
Mannose type O-glycan biosynthesis
Mannose type O-glycan biosynthesis
Lipopolysaccharide biosynthesis
Other types of O-glycan biosynthesis
Various types of N-glycan biosynthesis
Mucin type O-glycan biosynthesis
N-Glycan biosynthesis
Other glycan degradation
[BR] Glycosyltransferases
[BR] Proteoglycans
Starch and sucrose metabolism
Galactose metabolism
Ascorbate and aldarate metabolism
Pentose and glucuronate interconversions
Polyketide sugar unit biosynthesis
Amino sugar and nucleotide sugar metabolism
Pentose phosphate pathway
Fructose and mannose metabolism
Biosynthesis of 12-, 14- and 16-membered macrolides
Acarbose and validamycin biosynthesis
Photosynthesis - antenna proteins
Photosynthesis
[BR] Photosynthesis proteins
Glycolysis / Gluconeogenesis
Peptidoglycan biosynthesis
Pyruvate metabolism
D-Alanine metabolism
Phosphonate and phosphinate metabolism
Biosynthesis of type II polyketide backbone
Biosynthesis of type II polyketide products
Biosynthesis of ansamycins
Streptomycin biosynthesis
Neomycin, kanamycin and gentamicin biosynthesis
Paromomycin biosynthesis
Purine metabolism
Pyrimidine metabolism
beta-Alanine metabolism
Caffeine metabolism
Riboflavin metabolism
Biosynthesis of vancomycin group antibiotics
Tyrosine metabolism
Phenylalanine, tyrosine and tryptophan biosynthesis
Phenylalanine metabolism
Novobiocin biosynthesis
Acridone alkaloid biosynthesis
Staurosporine biosynthesis
Phenazine biosynthesis
Taurine and hypotaurine metabolism
Sulfur metabolism
Biosynthesis of siderophore group nonribosomal peptides
Tryptophan metabolism
Histidine metabolism
Benzoxazinone biosynthesis
Valine, leucine and isoleucine biosynthesis
Synthesis and degradation of ketone bodies
Selenocompound metabolism
Propanoate metabolism
Lysine degradation
Lysine biosynthesis
Glycine, serine and threonine metabolism
Cysteine and methionine metabolism
Arginine biosynthesis
Urea cycle
Valine, leucine and isoleucine degradation
Nitrogen metabolism
Glucosinolate biosynthesis
Monobactam biosynthesis
Cysteine and methionine metabolism
Taurine and hypotaurine metabolism
Arginine and proline metabolism
Carbapenem biosynthesis
Tropane, piperidine and pyridine alkaloid biosynthesis
Glutathione metabolism
Biotin metabolism
D-Glutamine and D-glutamate metabolism
Nicotinate and nicotinamide metabolism
Porphyrin and chlorophyll metabolism
Chlorocyclohexane and chlorobenzene degradation
Bisphenol degradation
Penicillin and cephalosporin biosynthesis
beta-Lactam resistance
Furfural degradation
DDT degradation
Styrene degradation
Oxidative phosphorylation
Ethylbenzene degradation
Toluene degradation
Benzoate degradation
Nitrotoluene degradation
Steroid degradation
Fluorobenzoate degradation
Xylene degradation
Dioxin degradation
Naphthalene degradation
Aminobenzoate degradation
Methane metabolism
Atrazine degradation
Caprolactam degradation
Chloroalkane and chloroalkene degradation
Butanoate metabolism
Fatty acid elongation in mitochondria
Cutin, suberine and wax biosynthesis
Biosynthesis of ansamycins
Biosynthesis of type II polyketide products
Biosynthesis of type II polyketide backbone
Tetracycline biosynthesis
Biosynthesis of enediyne antibiotics
Reductive carboxylate cycle (CO2 fixation)
Carbon fixation
Glyoxylate and dicarboxylate metabolism
Citrate cycle (TCA cycle)
Alanine, aspartate and glutamate metabolism
C5-Branched dibasic acid metabolism
Linoleic acid metabolism
Arachidonic acid metabolism
Biosynthesis of unsaturated fatty acids
Glycerophospholipid metabolism
Glycerolipid metabolism
Sphingolipid metabolism
Ether lipid metabolism
Inositol phosphate metabolism
Fatty acid biosynthesis
Fatty acid degradation
Retinol metabolism
[BR] Lipids
[BR] Lipids biosynthesis proteins
Carotenoid biosynthesis
Limonene and pinene degradation
Monoterpenoid biosynthesis
Zeatin biosynthesis
Sesquiterpenoid and triterpenoid biosynthesis
Insect hormone biosynthesis
Terpenoid backbone biosynthesis
Lipoic acid metabolism
Steroid biosynthesis
Primary bile acid biosynthesis
Steroid hormone biosynthesis
Indole diterpene alkaloid biosynthesis
Diterpenoid biosynthesis
Brassinosteroid biosynthesis
Secondary bile acid biosynthesis
Polycyclic aromatic hydrocarbon degradation
[BR] Cytochrome P450
Metabolism of xenobiotics by cytochrom P450
Drug metabolism - cytochrom P450
Drug metabolism - other enzymes
Thiamine metabolism
Folate biosynthesis
Vitamin B6 metabolism
Flavonoid biosynthesis
Phenylpropanoid biosynthesis
[BR] Phytochemical compounds
Isoflavonoid biosynthesis
One carbon pool by folate
Isoquinoline alkaloid biosynthesis
Anthocyanin biosynthesis
Indole alkaloid biosynthesis
Flavone and flavonol biosynthesis
Ubiquinone and other terpenoid-quinone biosynthesis
Pantothenate and CoA biosynthesis
Chlorophyll biosynthesis
D-Arginine and D-ornithine metabolism
01100 2/11/17
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