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