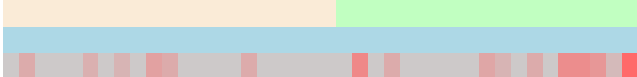


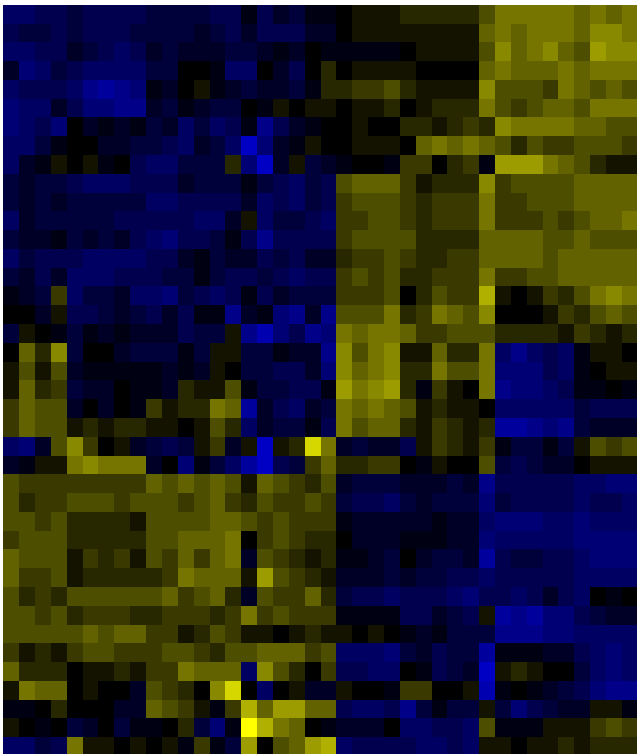
Diabetes

Treatment
Sex
Diabetes_week



early Diabetes Male
late Diabetes Control
Female PAT

STAT



Pentose phosphate pathway
Linoleic acid metabolism
Fructose and mannose metabolism
Glycolysis / Gluconeogenesis
Pyruvate metabolism
Propanoate metabolism
Pentose and glucuronate interconversions
Inositol phosphate metabolism
C5-Branched dibasic acid metabolism
Glycerophospholipid metabolism
Biosynthesis of unsaturated fatty acids
Glyoxylate and dicarboxylate metabolism
Valine, leucine and isoleucine biosynthesis
Fatty acid biosynthesis
Tyrosine metabolism
Fatty acid metabolism
Glutathione metabolism
Arginine and proline metabolism
Valine, leucine and isoleucine degradation
Tryptophan metabolism
Lipid biosynthesis proteins
Citrate cycle (TCA cycle)
Lipopolysaccharide biosynthesis proteins
Ascorbate and aldarate metabolism
Phosphonate and phosphinate metabolism
Pyrimidine metabolism
Galactose metabolism
Cysteine and methionine metabolism
Histidine metabolism
Amino acid related enzymes
Primary bile acid biosynthesis
Amino sugar and nucleotide sugar metabolism
Selenocompound metabolism
Sphingolipid metabolism
Starch and sucrose metabolism
Peptidoglycan biosynthesis
Phenylalanine, tyrosine and tryptophan biosynthesis
Butanoate metabolism
Synthesis and degradation of ketone bodies
Glycerolipid metabolism

Amino Acid Metabolism
Carbohydrate Metabolism
Glycan Biosynthesis and Metabolism
Lipid Metabolism
Metabolism of Other Amino Acids
Nucleotide Metabolism

Color Key

