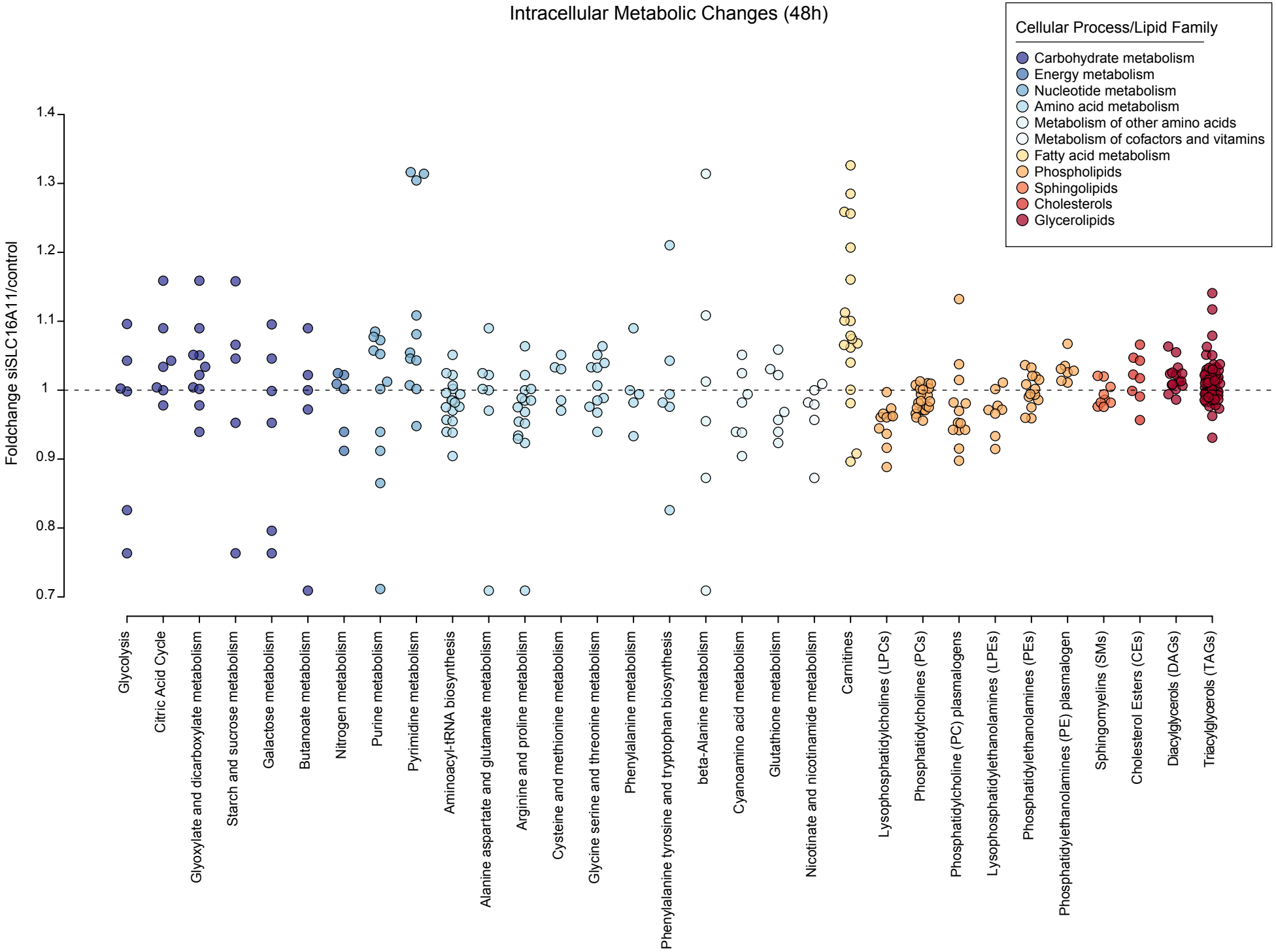
Figure S6


Intracellular Metabolic Changes (48h)
Cellular Process/Lipid Family
Carbohydrate metabolism
Energy metabolism
Nucleotide metabolism
Amino acid metabolism
Metabolism of other amino acids
Metabolism of cofactors and vitamins
Fatty acid metabolism
Phospholipids
Sphingolipids
Cholesterols
Glycerolipids
Foldchange siSLC16A11/control
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
Glycolysis
Citric Acid Cycle
Glyoxylate and dicarboxylate metabolism
Starch and sucrose metabolism
Galactose metabolism
Butanoate metabolism
Nitrogen metabolism
Purine metabolism
Pyrimidine metabolism
Aminoacyl-tRNA biosynthesis
Alanine aspartate and glutamate metabolism
Arginine and proline metabolism
Cysteine and methionine metabolism
Glycine serine and threonine metabolism
Phenylalanine metabolism
Phenylalanine tyrosine and tryptophan biosynthesis
beta-Alanine metabolism
Cyanoamino acid metabolism
Glutathione metabolism
Nicotinate and nicotinamide metabolism
Carnitines
Lysophosphatidylcholines (LPCs)
Phosphatidylcholines (PCs)
Phosphatidylcholine (PC) plasmalogens
Lysophosphatidylethanolamines (LPEs)
Phosphatidylethanolamines (PEs)
Phosphatidylethanolamines (PE) plasmalogen
Sphingomyelins (SMs)
Cholesterol Esters (CEs)
Diacylglycerols (DAGs)
Triacylglycerols (TAGs)