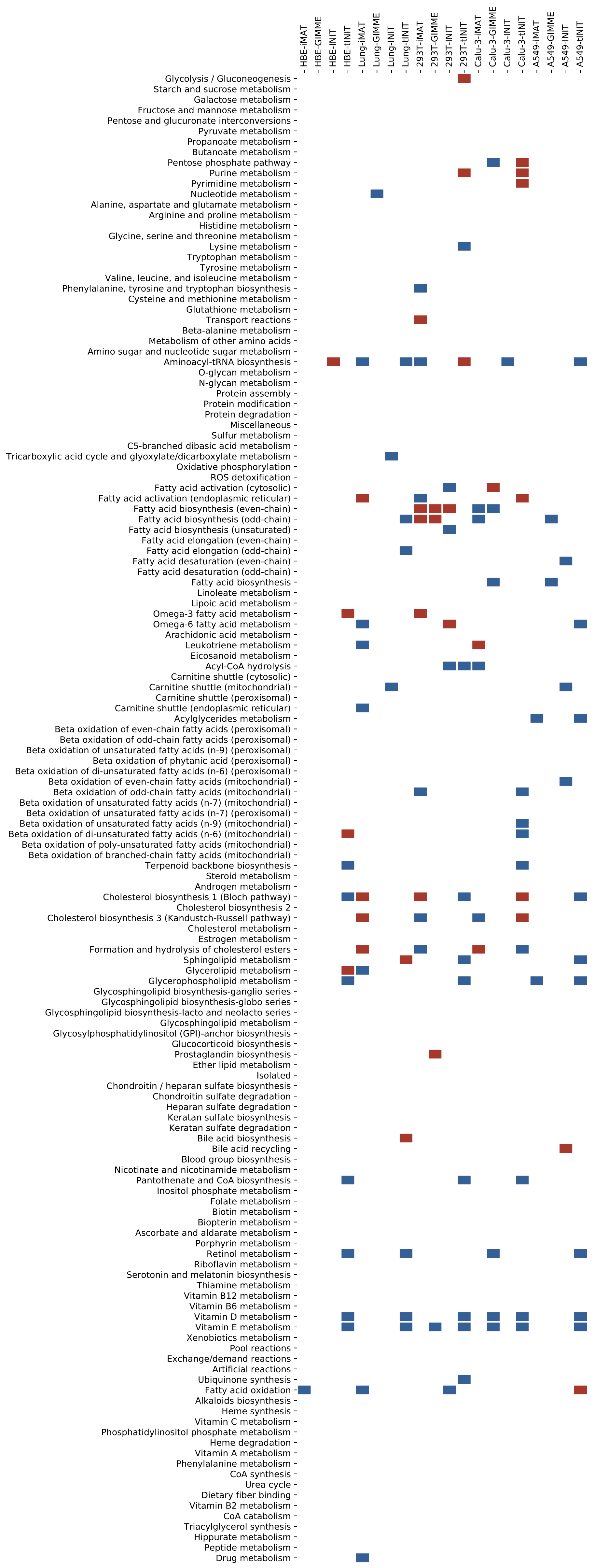
HBE-iMAT
HBE-GIMME
HBE-INIT
HBE-tINIT
Lung-iMAT
Lung-GIMME
Lung-INIT
Lung-tINIT
293T-iMAT
293T-GIMME
293T-INIT
293T-tINIT
Calu-3-iMAT
Calu-3-GIMME
Calu-3-INIT
Calu-3-tINIT
A549-iMAT
A549-GIMME
A549-INIT
A549-tINIT
Glycolysis / Gluconeogenesis
Starch and sucrose metabolism
Galactose metabolism
Fructose and mannose metabolism
Pentose and glucuronate interconversions
Pyruvate metabolism
Propanoate metabolism
Butanoate metabolism
Pentose phosphate pathway
Purine metabolism
Pyrimidine metabolism
Nucleotide metabolism
Alanine, aspartate and glutamate metabolism
Arginine and proline metabolism
Histidine metabolism
Glycine, serine and threonine metabolism
Lysine metabolism
Tryptophan metabolism
Tyrosine metabolism
Valine, leucine, and isoleucine metabolism
Phenylalanine, tyrosine and tryptophan biosynthesis
Cysteine and methionine metabolism
Glutathione metabolism
Transport reactions
Beta-alanine metabolism
Metabolism of other amino acids
Amino sugar and nucleotide sugar metabolism
Aminoacyl-tRNA biosynthesis
O-glycan metabolism
N-glycan metabolism
Protein assembly
Protein modification
Protein degradation
Miscellaneous
Sulfur metabolism
C5-branched dibasic acid metabolism
Tricarboxylic acid cycle and glyoxylate/dicarboxylate metabolism
Oxidative phosphorylation
ROS detoxification
Fatty acid activation (cytosolic)
Fatty acid activation (endoplasmic reticular)
Fatty acid biosynthesis (even-chain)
Fatty acid biosynthesis (odd-chain)
Fatty acid biosynthesis (unsaturated)
Fatty acid elongation (even-chain)
Fatty acid elongation (odd-chain)
Fatty acid desaturation (even-chain)
Fatty acid desaturation (odd-chain)
Fatty acid biosynthesis
Linoleate metabolism
Lipoic acid metabolism
Omega-3 fatty acid metabolism
Omega-6 fatty acid metabolism
Arachidonic acid metabolism
Leukotriene metabolism
Eicosanoid metabolism
Acyl-CoA hydrolysis
Carnitine shuttle (cytosolic)
Carnitine shuttle (mitochondrial)
Carnitine shuttle (peroxisomal)
Carnitine shuttle (endoplasmic reticular)
Acylglycerides metabolism
Beta oxidation of even-chain fatty acids (peroxisomal)
Beta oxidation of odd-chain fatty acids (peroxisomal)
Beta oxidation of unsaturated fatty acids (n-9) (peroxisomal)
Beta oxidation of phytanic acid (peroxisomal)
Beta oxidation of di-unsaturated fatty acids (n-6) (peroxisomal)
Beta oxidation of even-chain fatty acids (mitochondrial)
Beta oxidation of odd-chain fatty acids (mitochondrial)
Beta oxidation of unsaturated fatty acids (n-7) (mitochondrial)
Beta oxidation of unsaturated fatty acids (n-7) (peroxisomal)
Beta oxidation of unsaturated fatty acids (n-9) (mitochondrial)
Beta oxidation of di-unsaturated fatty acids (n-6) (mitochondrial)
Beta oxidation of poly-unsaturated fatty acids (mitochondrial)
Beta oxidation of branched-chain fatty acids (mitochondrial)
Terpenoid backbone biosynthesis
Steroid metabolism
Androgen metabolism
Cholesterol biosynthesis 1 (Bloch pathway)
Cholesterol biosynthesis 2
Cholesterol biosynthesis 3 (Kandustch-Russell pathway)
Cholesterol metabolism
Estrogen metabolism
Formation and hydrolysis of cholesterol esters
Sphingolipid metabolism
Glycerolipid metabolism
Glycerophospholipid metabolism
Glycosphingolipid biosynthesis-ganglio series
Glycosphingolipid biosynthesis-globo series
Glycosphingolipid biosynthesis-lacto and neolacto series
Glycosphingolipid metabolism
Glycosylphosphatidylinositol (GPI)-anchor biosynthesis
Glucocorticoid biosynthesis
Prostaglandin biosynthesis
Ether lipid metabolism
Isolated
Chondroitin / heparan sulfate biosynthesis
Chondroitin sulfate degradation
Heparan sulfate degradation
Keratan sulfate biosynthesis
Keratan sulfate degradation
Bile acid biosynthesis
Bile acid recycling
Blood group biosynthesis
Nicotinate and nicotinamide metabolism
Pantothenate and CoA biosynthesis
Inositol phosphate metabolism
Folate metabolism
Biotin metabolism
Biopterin metabolism
Ascorbate and aldarate metabolism
Porphyrin metabolism
Retinol metabolism
Riboflavin metabolism
Serotonin and melatonin biosynthesis
Thiamine metabolism
Vitamin B12 metabolism
Vitamin B6 metabolism
Vitamin D metabolism
Vitamin E metabolism
Xenobiotics metabolism
Pool reactions
Exchange/demand reactions
Artificial reactions
Ubiquinone synthesis
Fatty acid oxidation
Alkaloids biosynthesis
Heme synthesis
Vitamin C metabolism
Phosphatidylinositol phosphate metabolism
Heme degradation
Vitamin A metabolism
Phenylalanine metabolism
CoA synthesis
Urea cycle
Dietary fiber binding
Vitamin B2 metabolism
CoA catabolism
Triacylglycerol synthesis
Hippurate metabolism
Peptide metabolism
Drug metabolism