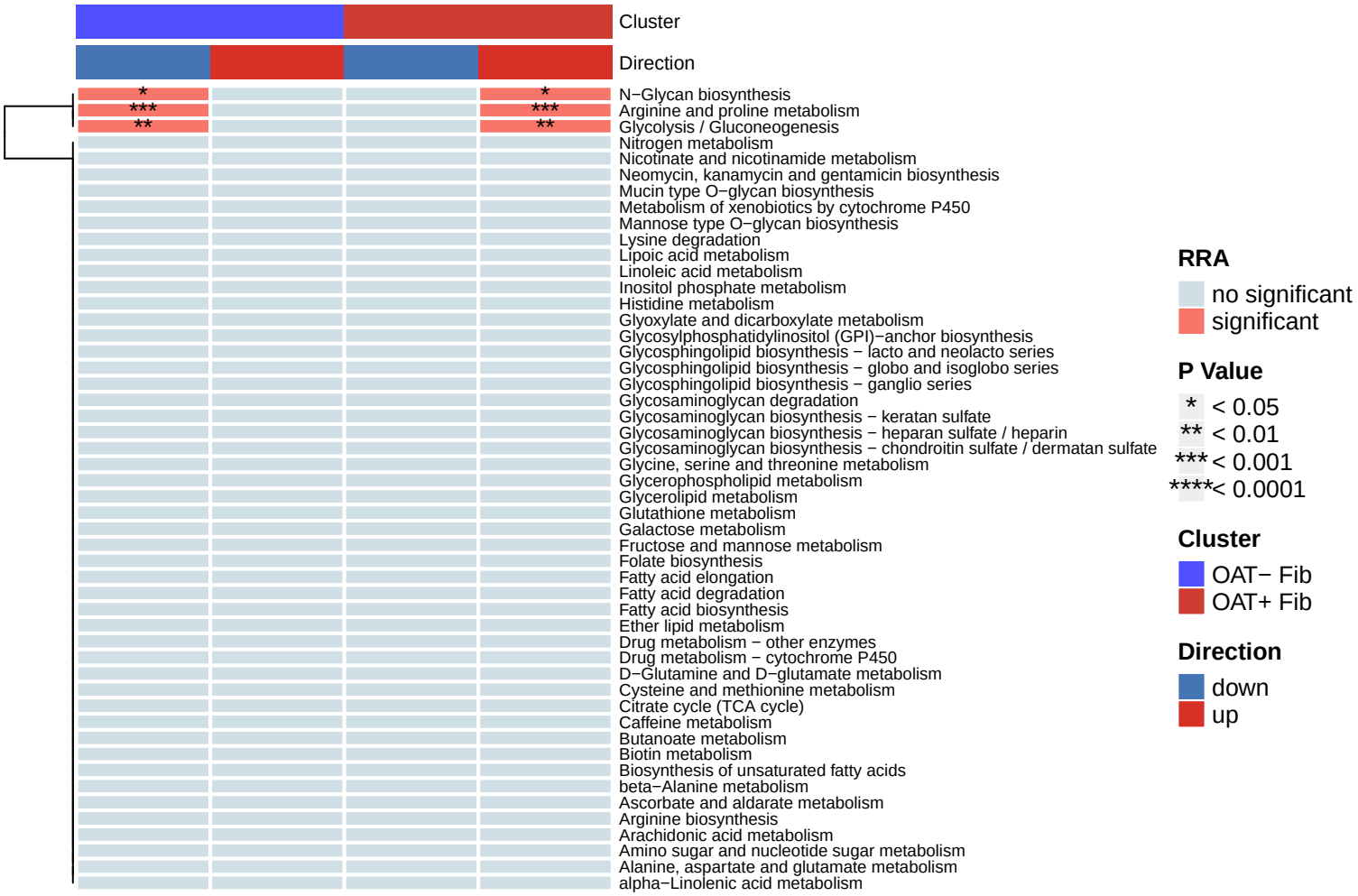
Cluster
Direction
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N−Glycan biosynthesis
Arginine and proline metabolism
Glycolysis / Gluconeogenesis
Nitrogen metabolism
Nicotinate and nicotinamide metabolism
Neomycin, kanamycin and gentamicin biosynthesis
Mucin type O−glycan biosynthesis
Metabolism of xenobiotics by cytochrome P450
Mannose type O−glycan biosynthesis
Lysine degradation
Lipoic acid metabolism
Linoleic acid metabolism
Inositol phosphate metabolism
Histidine metabolism
Glyoxylate and dicarboxylate metabolism
Glycosylphosphatidylinositol (GPI)−anchor biosynthesis
Glycosphingolipid biosynthesis − lacto and neolacto series
Glycosphingolipid biosynthesis − globo and isoglobo series
Glycosphingolipid biosynthesis − ganglio series
Glycosaminoglycan degradation
Glycosaminoglycan biosynthesis − keratan sulfate
Glycosaminoglycan biosynthesis − heparan sulfate / heparin
Glycosaminoglycan biosynthesis − chondroitin sulfate / dermatan sulfate
Glycine, serine and threonine metabolism
Glycerophospholipid metabolism
Glycerolipid metabolism
Glutathione metabolism
Galactose metabolism
Fructose and mannose metabolism
Folate biosynthesis
Fatty acid elongation
Fatty acid degradation
Fatty acid biosynthesis
Ether lipid metabolism
Drug metabolism − other enzymes
Drug metabolism − cytochrome P450
D−Glutamine and D−glutamate metabolism
Cysteine and methionine metabolism
Citrate cycle (TCA cycle)
Caffeine metabolism
Butanoate metabolism
Biotin metabolism
Biosynthesis of unsaturated fatty acids
beta−Alanine metabolism
Ascorbate and aldarate metabolism
Arginine biosynthesis
Arachidonic acid metabolism
Amino sugar and nucleotide sugar metabolism
Alanine, aspartate and glutamate metabolism
alpha−Linolenic acid metabolism
RRA
no significant
significant
P Value
* < 0.05
** < 0.01
*** < 0.001
**** < 0.0001
Cluster
OAT− Fib
OAT+ Fib
Direction
down
up