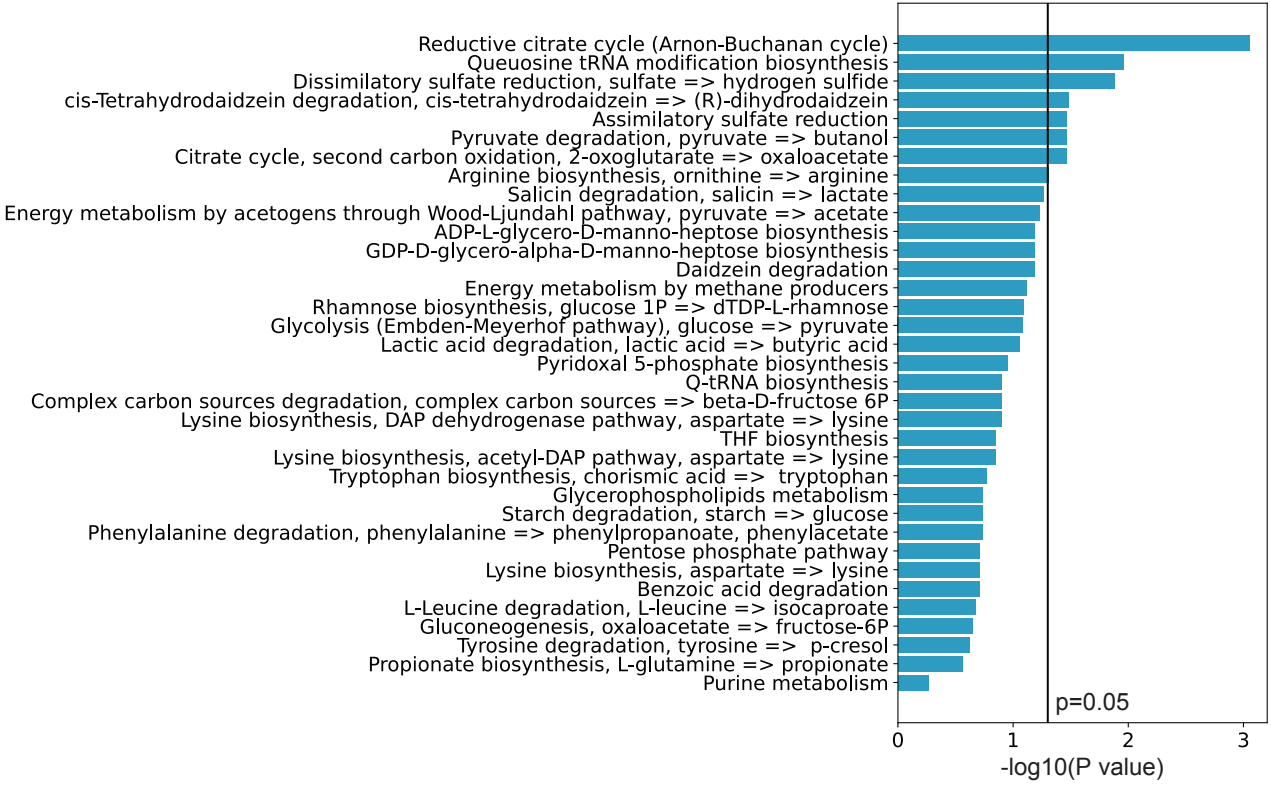
Reductive citrate cycle (Arnon-Buchanan cycle)
Queuosine tRNA modification biosynthesis
Dissimilatory sulfate reduction, sulfate => hydrogen sulfide
cis-Tetrahydrodaidzein degradation, cis-tetrahydrodaidzein => (R)-dihydrodaidzein
Assimilatory sulfate reduction
Pyruvate degradation, pyruvate => butanol
Citrate cycle, second carbon oxidation, 2-oxoglutarate => oxaloacetate
Arginine biosynthesis, ornithine => arginine
Salicin degradation, salicin => lactate
Energy metabolism by acetogens through Wood-Ljundahl pathway, pyruvate => acetate
ADP-L-glycero-D-manno-heptose biosynthesis
GDP-D-glycero-alpha-D-manno-heptose biosynthesis
Daidzein degradation
Energy metabolism by methane producers
Rhamnose biosynthesis, glucose 1P => dTDP-L-rhamnose
Glycolysis (Embden-Meyerhof pathway), glucose => pyruvate
Lactic acid degradation, lactic acid => butyric acid
Pyridoxal 5-phosphate biosynthesis
Q-tRNA biosynthesis
Complex carbon sources degradation, complex carbon sources => beta-D-fructose 6P
Lysine biosynthesis, DAP dehydrogenase pathway, aspartate => lysine
THF biosynthesis
Lysine biosynthesis, acetyl-DAP pathway, aspartate => lysine
Tryptophan biosynthesis, chorismic acid => tryptophan
Glycerophospholipids metabolism
Starch degradation, starch => glucose
Phenylalanine degradation, phenylalanine => phenylpropanoate, phenylacetate
Pentose phosphate pathway
Lysine biosynthesis, aspartate => lysine
Benzoic acid degradation
L-Leucine degradation, L-leucine => isocaproate
Gluconeogenesis, oxaloacetate => fructose-6P
Tyrosine degradation, tyrosine => p-cresol
Propionate biosynthesis, L-glutamine => propionate
Purine metabolism
p=0.05
0
1
2
3
-log10(P value)