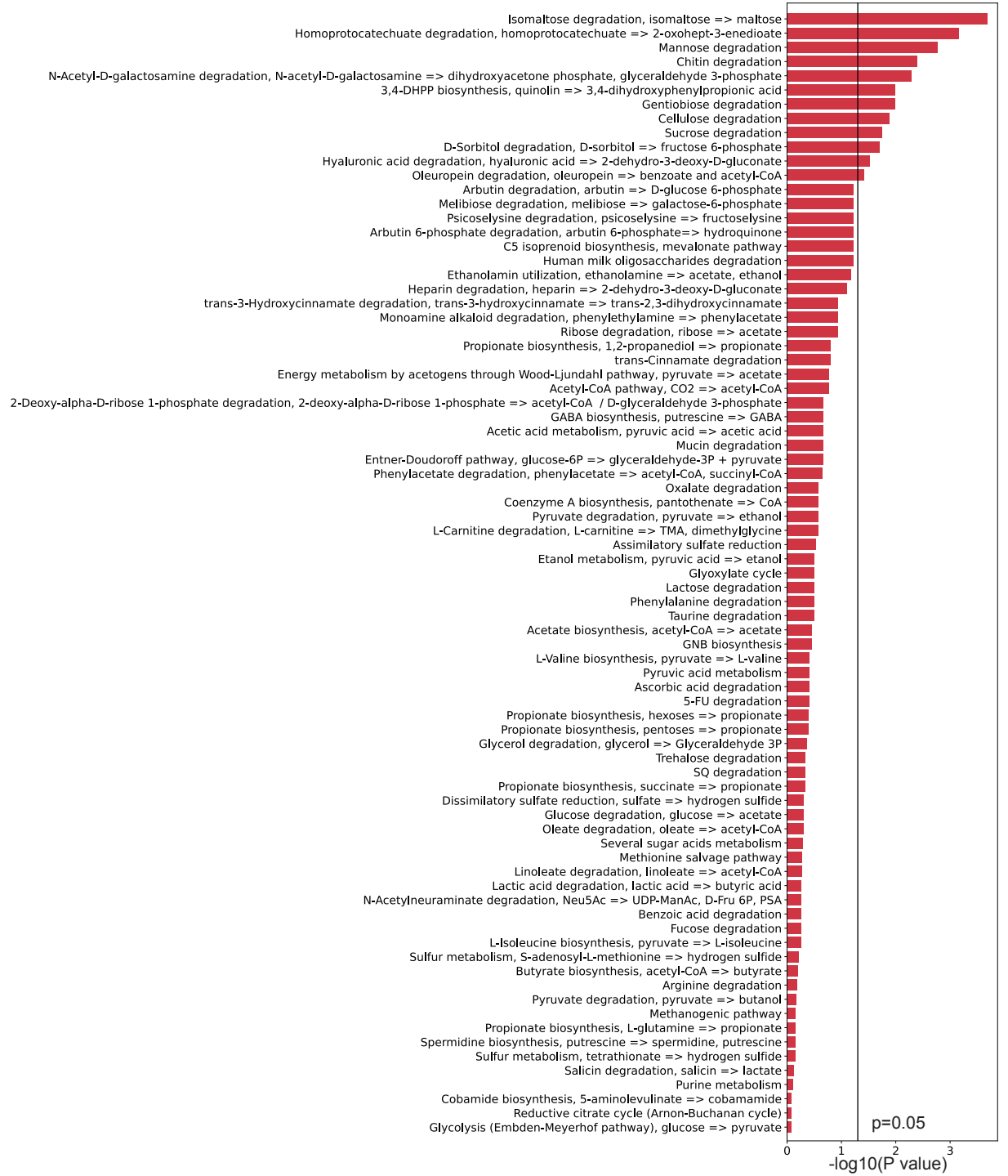
Isomaltose degradation, isomaltose => maltose
Homoprotocatechuate degradation, homoprotocatechuate => 2-oxohept-3-enedioate
Mannose degradation
Chitin degradation
N-Acetyl-D-galactosamine degradation, N-acetyl-D-galactosamine => dihydroxyacetone phosphate, glyceraldehyde 3-phosphate
3,4-DHPP biosynthesis, quinolin => 3,4-dihydroxyphenylpropionic acid
Gentiobiose degradation
Cellulose degradation
Sucrose degradation
D-Sorbitol degradation, D-sorbitol => fructose 6-phosphate
Hyaluronic acid degradation, hyaluronic acid => 2-dehydro-3-deoxy-D-gluconate
Oleuropein degradation, oleuropein => benzoate and acetyl-CoA
Arbutin degradation, arbutin => D-glucose 6-phosphate
Melibiose degradation, melibiose => galactose-6-phosphate
Psicoselysine degradation, psicoselysine => fructoselysine
Arbutin 6-phosphate degradation, arbutin 6-phosphate=> hydroquinone
C5 isoprenoid biosynthesis, mevalonate pathway
Human milk oligosaccharides degradation
Ethanolamin utilization, ethanolamine => acetate, ethanol
Heparin degradation, heparin => 2-dehydro-3-deoxy-D-gluconate
trans-3-Hydroxycinnamate degradation, trans-3-hydroxycinnamate => trans-2,3-dihydroxycinnamate
Monoamine alkaloid degradation, phenylethylamine => phenylacetate
Ribose degradation, ribose => acetate
Propionate biosynthesis, 1,2-propanediol => propionate
trans-Cinnamate degradation
Energy metabolism by acetogens through Wood-Ljundahl pathway, pyruvate => acetate
Acetyl-CoA pathway, CO2 => acetyl-CoA
2-Deoxy-alpha-D-ribose 1-phosphate degradation, 2-deoxy-alpha-D-ribose 1-phosphate => acetyl-CoA / D-glyceraldehyde 3-phosphate
GABA biosynthesis, putrescine => GABA
Acetic acid metabolism, pyruvic acid => acetic acid
Mucin degradation
Entner-Doudoroff pathway, glucose-6P => glyceraldehyde-3P + pyruvate
Phenylacetate degradation, phenylacetate => acetyl-CoA, succinyl-CoA
Oxalate degradation
Coenzyme A biosynthesis, pantothenate => CoA
Pyruvate degradation, pyruvate => ethanol
L-Carnitine degradation, L-carnitine => TMA, dimethylglycine
Assimilatory sulfate reduction
Etanol metabolism, pyruvic acid => etanol
Glyoxylate cycle
Lactose degradation
Phenylalanine degradation
Taurine degradation
Acetate biosynthesis, acetyl-CoA => acetate
GNB biosynthesis
L-Valine biosynthesis, pyruvate => L-valine
Pyruvic acid metabolism
Ascorbic acid degradation
5-FU degradation
Propionate biosynthesis, hexoses => propionate
Propionate biosynthesis, pentoses => propionate
Glycerol degradation, glycerol => Glyceraldehyde 3P
Trehalose degradation
SQ degradation
Propionate biosynthesis, succinate => propionate
Dissimilatory sulfate reduction, sulfate => hydrogen sulfide
Glucose degradation, glucose => acetate
Oleate degradation, oleate => acetyl-CoA
Several sugar acids metabolism
Methionine salvage pathway
Linoleate degradation, linoleate => acetyl-CoA
Lactic acid degradation, lactic acid => butyric acid
N-Acetylneuraminate degradation, Neu5Ac => UDP-ManAc, D-Fru 6P, PSA
Benzoic acid degradation
Fucose degradation
L-Isoleucine biosynthesis, pyruvate => L-isoleucine
Sulfur metabolism, S-adenosyl-L-methionine => hydrogen sulfide
Butyrate biosynthesis, acetyl-CoA => butyrate
Arginine degradation
Pyruvate degradation, pyruvate => butanol
Methanogenic pathway
Propionate biosynthesis, L-glutamine => propionate
Spermidine biosynthesis, putrescine => spermidine, putrescine
Sulfur metabolism, tetrathionate => hydrogen sulfide
Salicin degradation, salicin => lactate
Purine metabolism
Cobamide biosynthesis, 5-aminolevulinate => cobamamide
Reductive citrate cycle (Arnon-Buchanan cycle)
Glycolysis (Embden-Meyerhof pathway), glucose => pyruvate
p=0.05
0
1
2
3
-log10(P value)