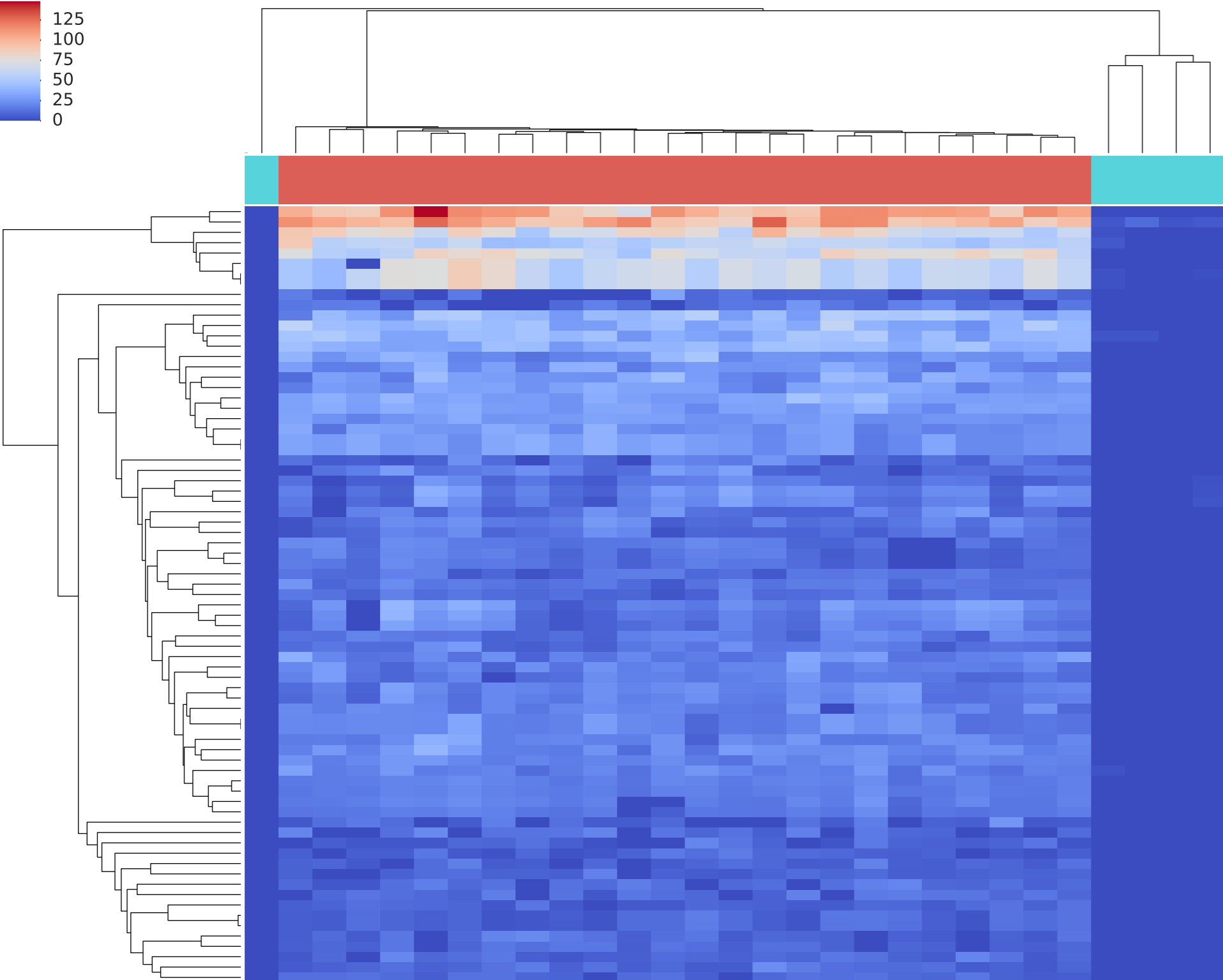


depletion no.depletion



- PWY-1042: glycolysis IV (plant cytosol)
- PWY-7219: adenosine ribonucleotides de novo biosynthesis
- PWY-6737: starch degradation V
- NONOXIPENT-PWY: pentose phosphate pathway (non-oxidative branch)
- ANAGLYCOLYSIS-PWY: glycolysis III (from glucose)
- ILEUSYN-PWY: L-isoleucine biosynthesis I (from threonine)
- VALSYN-PWY: L-valine biosynthesis
- PWY-7111: pyruvate fermentation to isobutanol (engineered)
- PWY-7119: superpathway of adenosine nucleotides de novo biosynthesis I
- PWY-7229: superpathway of pyrimidine ribonucleotides de novo biosynthesis
- PWY-162: superpathway of pyrimidine ribonucleotides de novo biosynthesis
- PWY-7221: guanosine ribonucleotides de novo biosynthesis
- PWY-7227: Calvin-Benson-Bassham cycle
- GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)
- SER-GLYSYN-PWY: superpathway of L-serine and glycine biosynthesis I
- PWY-5177: glutaryl-CoA degradation
- DTDPRHAMSYN-PWY: dTDP-L-rhamnose biosynthesis I
- PWY-7228: superpathway of guanosine nucleotides de novo biosynthesis I
- PWY-7208: superpathway of pyrimidine nucleobases salvage
- PWY-2942: L-lysine biosynthesis III
- PWY-5097: L-lysine biosynthesis VI
- NONMEVIPP-PWY: methylerythritol phosphate pathway I
- PWY-6121: 5-aminoimidazole ribonucleotide biosynthesis I
- PWY-6277: superpathway of 5-aminoimidazole ribonucleotide biosynthesis
- PWY-6122: 5-aminoimidazole ribonucleotide biosynthesis II
- PWY-6609: adenine and adenosine salvage III
- GLCMANNANAUT-PWY: superpathway of N-acetylglucosamine, N-acetylmannosamine and N-acetylneuraminate degradation
- PWY-7242: D-fructuronate degradation
- GALACTUROCAT-PWY: D-galacturonate degradation I
- PWY-6507: 4-deoxy-L-threo-hex-4-enopyraurionate degradation
- PWY-6151: S-adenosyl-L-methionine cycle I
- PWY-5973: cis-vaccenate biosynthesis
- PWY-7663: gondoate biosynthesis (anaerobic)
- PWY-6163: chorismate biosynthesis from 3-dehydroquinate
- ARO-PWY: chorismate biosynthesis I
- COMPLETE-ARO-PWY: superpathway of aromatic amino acid biosynthesis
- ARGININE-SYN4-PWY: L-ornithine de novo biosynthesis
- PWY-6317: galactose degradation I (Leloir pathway)
- PWY-6527: stachyose degradation
- BRANCHED-CHAIN-AA-SYN-PWY: superpathway of branched amino acid biosynthesis
- PWY-5103: L-isoleucine biosynthesis III
- PWY-5104: L-isoleucine biosynthesis IV
- ANAEROFrucAT-PWY: homolactic fermentation
- PWY-1296: purine ribonucleosides degradation
- PWY-5695: urate biosynthesis/inosine 5'-phosphate degradation
- PANTO-PWY: phosphopantothenate biosynthesis I
- COA-PWY-1: coenzyme A biosynthesis II (mammalian)
- PWY-6123: inosine 5'-phosphate biosynthesis I
- PWY-6124: inosine 5'-phosphate biosynthesis II
- PWY-3841: folate transformations II
- PWY-3661: CDP-diacylglycerol biosynthesis I
- PWY-1319: CDP-diacylglycerol biosynthesis II
- PWY-5686: UMP biosynthesis
- PWY-5100: pyruvate fermentation to acetate and lactate II
- PWY-724: superpathway of L-lysine, L-threonine and L-methionine biosynthesis II
- PWY-66422: D-galactose degradation V (Leloir pathway)
- PEPTIDOGLYCANSYN-PWY: peptidoglycan biosynthesis I (meso-diaminopimelate containing)
- PWY-6387: UDP-N-acetylmuramoyl-pentapeptide biosynthesis I (meso-diaminopimelate containing)
- PWY-6386: UDP-N-acetylmuramoyl-pentapeptide biosynthesis II (lysine-containing)
- PWY-6385: peptidoglycan biosynthesis III (mycobacteria)
- PWY-7197: pyrimidine deoxyribonucleotide phosphorylation
- HISTSYN-PWY: L-histidine biosynthesis
- PWY-621: sucrose degradation III (sucrose invertase)
- GLUCUROCAT-PWY: superpathway of β-D-glucuronide and D-glucuronate degradation
- PWY-3001: superpathway of L-isoleucine biosynthesis I
- PWY-6168: flavin biosynthesis III (fungi)
- PWY-7234: inosine 5'-phosphate biosynthesis III
- 1CMET2-PWY: N10-formyl-tetrahydrofolate biosynthesis
- METHANOGENESIS-PWY: methanogenesis from H2 and CO2
- GLYCOLYSIS: glycolysis I (from glucose 6-phosphate)
- PWY-5484: glycolysis II (from fructose 6-phosphate)
- PWY-7357: thiamin formation from pyrithiamine and oxythiamine (yeast)
- PWY-6897: thiamin salvage II
- PWY-5101: L-isoleucine biosynthesis II
- THISYNARA-PWY: superpathway of thiamin diphosphate biosynthesis III (eukaryotes)
- PYRIDNUCSYN-PWY: NAD biosynthesis I (from aspartate)

P2.no.dep 20
 P3.with.dep 135
 P4.with.dep 46
 47
 66
 76
 100
 176
 117
 154
 P1.with.dep 158
 41
 86
 69
 95
 114
 127
 P2.with.dep 25
 36
 P5.with.dep
 P1.no.dep
 P3.no.dep
 P4.no.dep
 P5.no.dep

Taxon