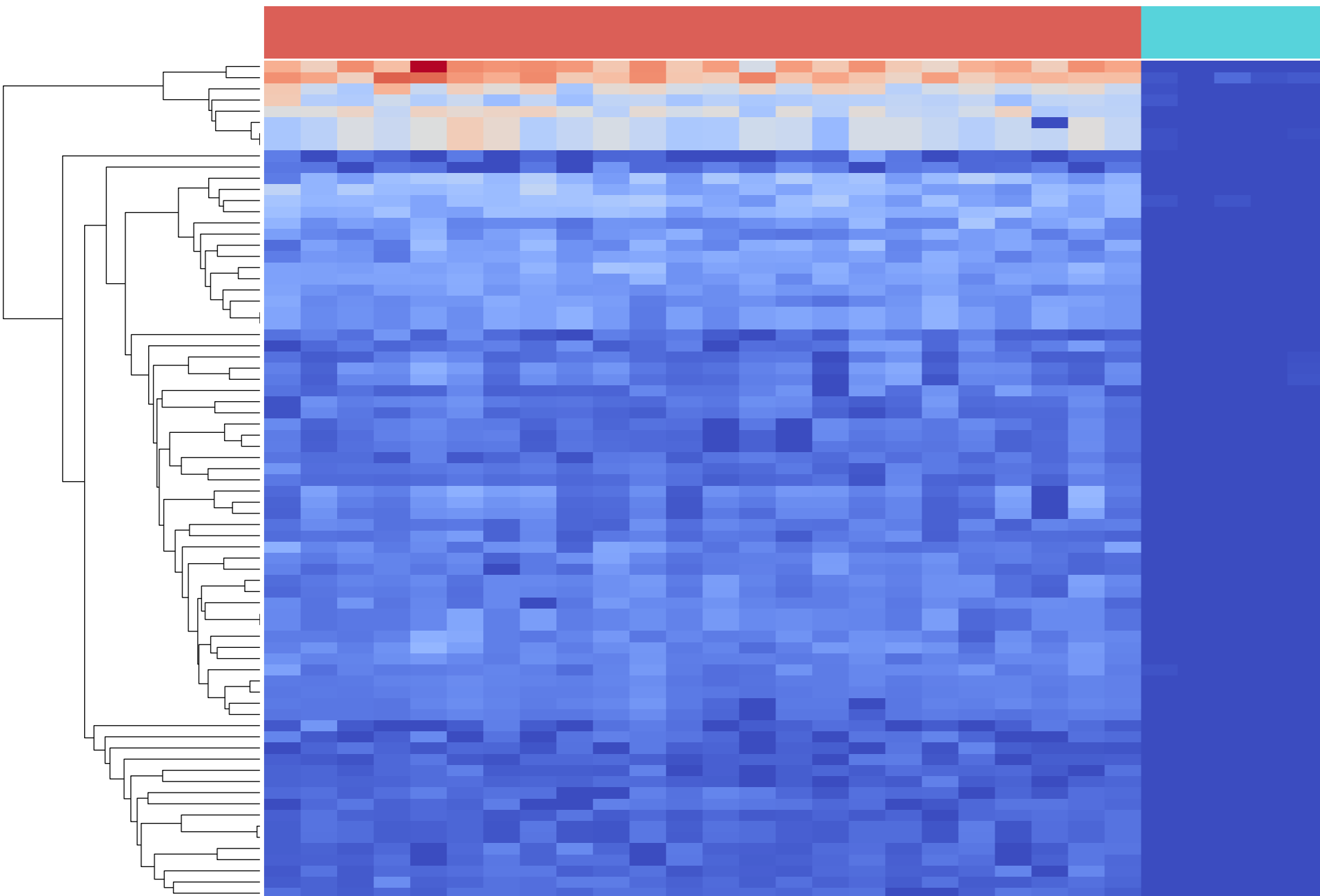


depletion no.depletion



- PWY-1042: glycolysis IV (plant cytosol)
- PWY-7219: adenosine ribonucleotides de novo biosynthesis
- PWY-6137: 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-7110: pyruvate fermentation to isobutanol (engineered)
- PWY-7229: superpathway of adenosine nucleotides de novo biosynthesis I
- PWY0-162: superpathway of pyrimidine ribonucleotides de novo biosynthesis
- PWY-7221: guanosine ribonucleotides de novo biosynthesis
- CALVIN-PWY: 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
- DTDPBHAMSYN-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
- PWY0-1296: 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
- PWY0-1319: 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
- PWY66-422: 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)

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76
86
95
100
114
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127
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154
158
176
P1.with.dep
P2.with.dep
P3.with.dep
P4.with.dep
P5.with.dep
P1.no.dep
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P4.no.dep
P5.no.dep

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