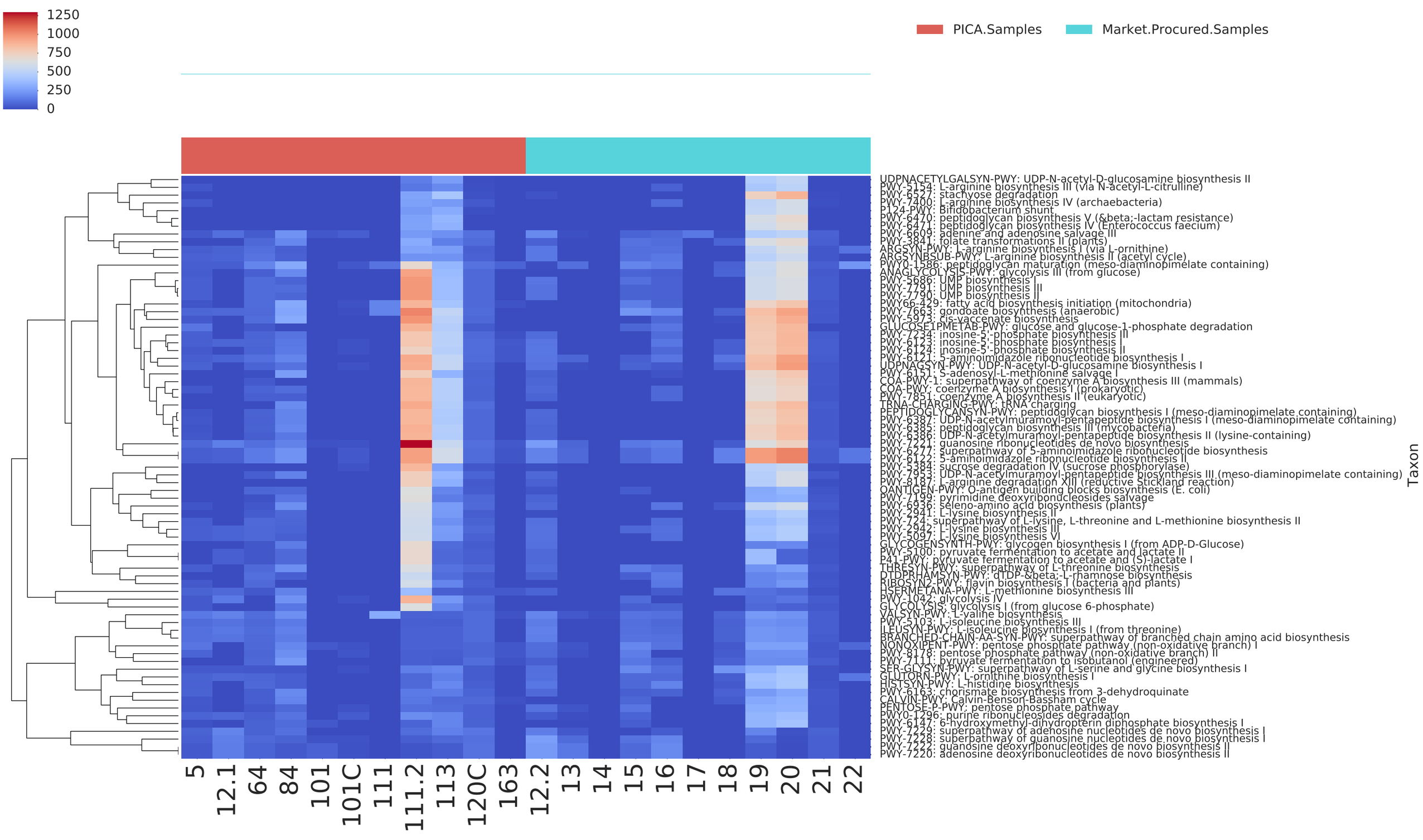
1250
1000
750
500
250
0
PICA.Samples
Market.Procured.Samples
UDPNACETYLGALSYN-PWY: UDP-N-acetyl-D-glucosamine biosynthesis II
PWY-5154: L-arginine biosynthesis III (via N-acetyl-L-citrulline)
PWY-6527: stachyose degradation
PWY-7400: L-arginine biosynthesis IV (archaebacteria)
P124-PWY: Bifidobacterium shunt
PWY-6470: peptidoglycan biosynthesis V (β-lactam resistance)
PWY-6471: peptidoglycan biosynthesis IV (Enterococcus faecium)
PWY-6609: adenine and adenosine salvage III
PWY-3841: folate transformations II (plants)
ARGSYN-PWY: L-arginine biosynthesis I (via L-ornithine)
ARGSYNBSUB-PWY: L-arginine biosynthesis II (acetyl cycle)
PWY0-1586: peptidoglycan maturation (meso-diaminopimelate containing)
ANAGLYCOLYSIS-PWY: glycolysis III (from glucose)
PWY-5686: UMP biosynthesis I
PWY-7791: UMP biosynthesis II
PWY-7790: UMP biosynthesis III
PWY66-429: fatty acid biosynthesis initiation (mitochondria)
PWY-7663: gondoate biosynthesis (anaerobic)
PWY-5973: cis-vaccenate biosynthesis
GLUCOSE1PMETAB-PWY: glucose and glucose-1-phosphate degradation
PWY-7234: inosine-5'-phosphate biosynthesis III
PWY-6123: inosine-5'-phosphate biosynthesis I
PWY-6124: inosine-5'-phosphate biosynthesis II
PWY-6121: 5-aminoimidazole ribonucleotide biosynthesis I
UDPNAGSYN-PWY: UDP-N-acetyl-D-glucosamine biosynthesis I
PWY-6151: S-adenosyl-L-methionine salvage I
COA-PWY-1: superpathway of coenzyme A biosynthesis III (mammals)
COA-PWY: coenzyme A biosynthesis I (prokaryotic)
PWY-7851: coenzyme A biosynthesis II (eukaryotic)
TRNA-CHARGING-PWY: tRNA charging
PEPTIDOGLYCANSYN-PWY: peptidoglycan biosynthesis I (meso-diaminopimelate containing)
PWY-6387: UDP-N-acetylmuramoyl-pentapeptide biosynthesis I (meso-diaminopimelate containing)
PWY-6385: peptidoglycan biosynthesis III (mycobacteria)
PWY-6386: UDP-N-acetylmuramoyl-pentapeptide biosynthesis II (lysine-containing)
PWY-7221: guanosine ribonucleotides de novo biosynthesis
PWY-6277: superpathway of 5-aminoimidazole ribonucleotide biosynthesis
PWY-6122: 5-aminoimidazole ribonucleotide biosynthesis II
PWY-5384: sucrose degradation IV (sucrose phosphorylase)
PWY-7953: UDP-N-acetylmuramoyl-pentapeptide biosynthesis III (meso-diaminopimelate containing)
PWY-8187: L-arginine degradation XIII (reductive Stickland reaction)
OANTIGEN-PWY: O-antigen building blocks biosynthesis (E. coli)
PWY-7199: pyrimidine deoxyribonucleosides salvage
PWY-6936: seleno-amino acid biosynthesis (plants)
PWY-2941: L-lysine biosynthesis II
PWY-724: superpathway of L-lysine, L-threonine and L-methionine biosynthesis II
PWY-2942: L-lysine biosynthesis III
PWY-5097: L-lysine biosynthesis VI
GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)
PWY-5100: pyruvate fermentation to acetate and lactate II
P41-PWY: pyruvate fermentation to acetate and (S)-lactate I
THRESYN-PWY: superpathway of L-threonine biosynthesis
DTDPRHAMSYN-PWY: dTDP-β-L-rhamnose biosynthesis
RIBOSYN2-PWY: flavin biosynthesis I (bacteria and plants)
HSERMETANA-PWY: L-methionine biosynthesis III
PWY-1042: glycolysis IV
GLYCOLYSIS: glycolysis I (from glucose 6-phosphate)
VALSYN-PWY: L-valine biosynthesis
PWY-5103: L-isoleucine biosynthesis III
ILEUSYN-PWY: L-isoleucine biosynthesis I (from threonine)
BRANCHED-CHAIN-AA-SYN-PWY: superpathway of branched chain amino acid biosynthesis
NONOXIPENT-PWY: pentose phosphate pathway (non-oxidative branch) I
PWY-8178: pentose phosphate pathway (non-oxidative branch) II
PWY-7111: pyruvate fermentation to isobutanol (engineered)
SER-GLYSYN-PWY: superpathway of L-serine and glycine biosynthesis I
GLUTORN-PWY: L-ornithine biosynthesis I
HISTSYN-PWY: L-histidine biosynthesis
PWY-6163: chorismate biosynthesis from 3-dehydroquinate
CALVIN-PWY: Calvin-Benson-Bassham cycle
PENTOSE-P-PWY: pentose phosphate pathway
PWY0-1296: purine ribonucleosides degradation
PWY-6147: 6-hydroxymethyl-dihydropterin diphosphate biosynthesis I
PWY-7229: superpathway of adenosine nucleotides de novo biosynthesis I
PWY-7228: superpathway of guanosine nucleotides de novo biosynthesis I
PWY-7222: guanosine deoxyribonucleotides de novo biosynthesis II
PWY-7220: adenosine deoxyribonucleotides de novo biosynthesis II
Taxon
5
12.1
64
84
101
101C
111
111.2
113
120C
163
12.2
13
14
15
16
17
18
19
20
21
22