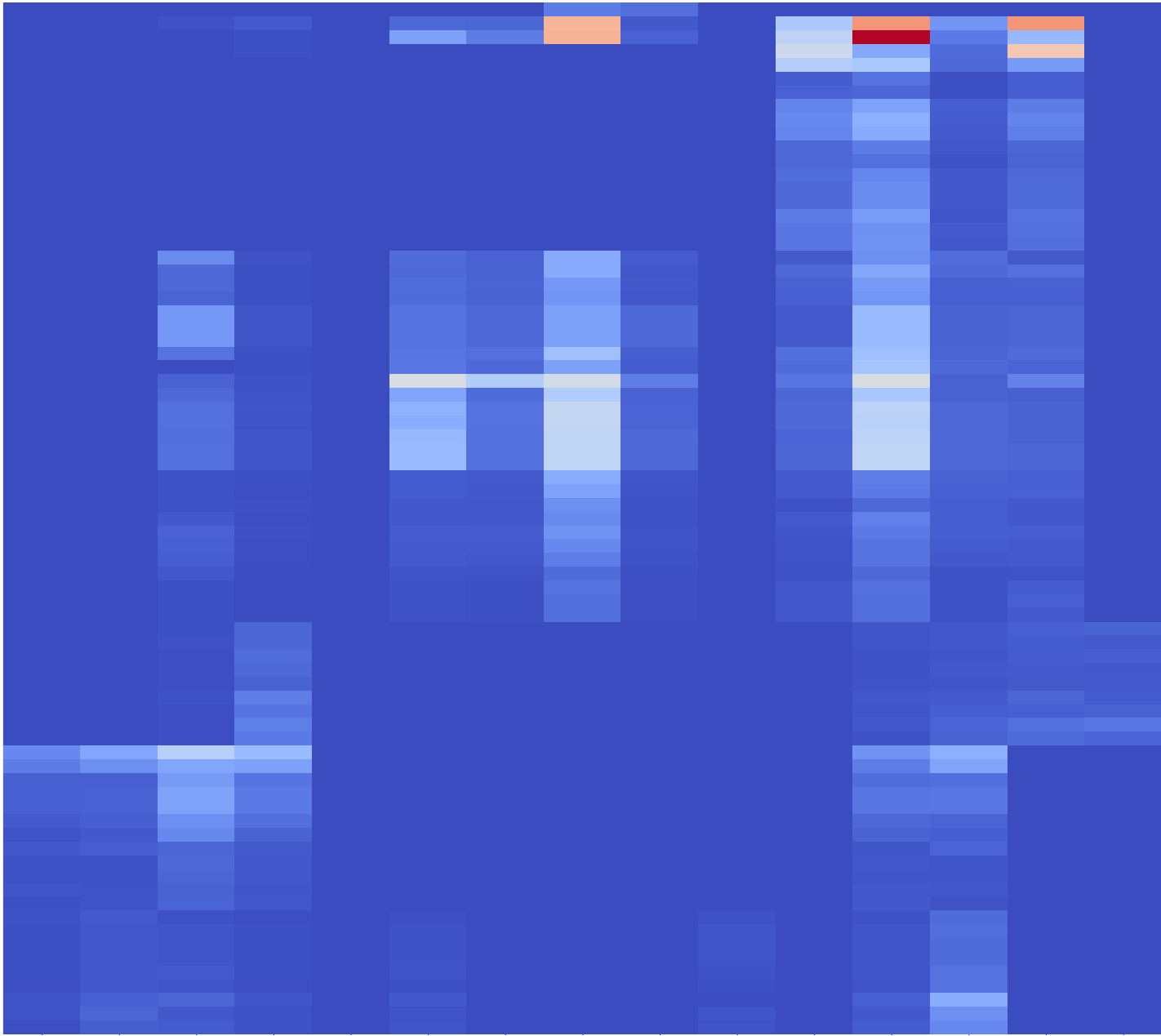
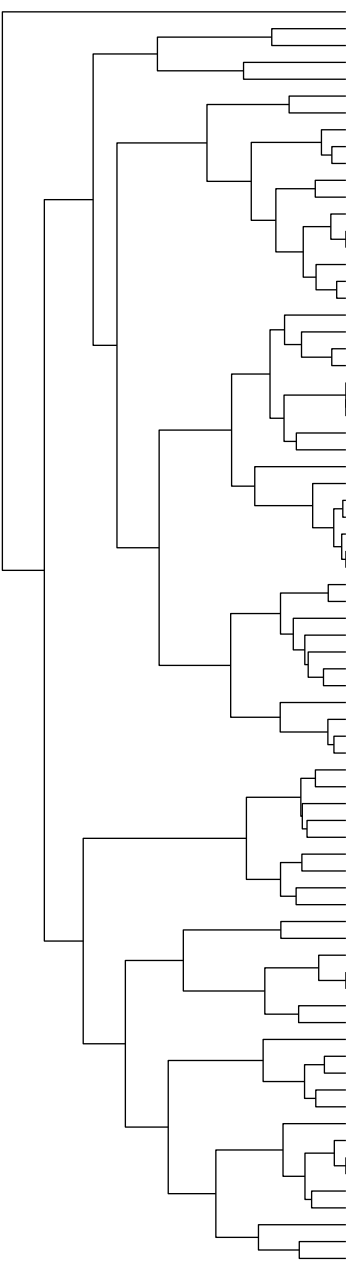
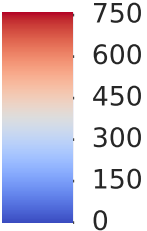




PWY-7238: sucrose biosynthesis IIlg	Faecalibaculum.s	Faecalibaculum_rodentium
GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)lg	Lactobacillus.s	Lactobacillus_murinus
PWY0-1296: purine ribonucleosides degradationlg	Lactobacillus.s	Lactobacillus_murinus
LACTOSECAT-PWY: lactose and galactose degradation IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-5100: pyruvate fermentation to acetate and lactate IIlg	Helicobacter.s	Helicobacter_typhlonius
GLUCONEO-PWY: gluconeogenesis IIlg	Helicobacter.s	Helicobacter_typhlonius
PWY-6126: superpathway of adenosine nucleotides de novo biosynthesis IIIg	Helicobacter.s	Helicobacter_typhlonius
VALSYN-PWY: L-valine biosynthesislg	Helicobacter.s	Helicobacter_typhlonius
PWY-5973: cis-vaccenate biosynthesislg	Helicobacter.s	Helicobacter_typhlonius
PWY-7663: gondoate biosynthesis (anaerobic)lg	Helicobacter.s	Helicobacter_typhlonius
PWY-7111: pyruvate fermentation to isobutanol (engineered)lg	Helicobacter.s	Helicobacter_typhlonius
ASPASN-PWY: superpathway of L-aspartate and L-asparagine biosynthesislg	Helicobacter.s	Helicobacter_typhlonius
PWY-5103: L-isoleucine biosynthesis IIIlg	Helicobacter.s	Helicobacter_typhlonius
PWY-7220: adenosine deoxyribonucleotides de novo biosynthesis IIIg	Helicobacter.s	Helicobacter_typhlonius
PWY-7222: guanosine deoxyribonucleotides de novo biosynthesis IIIg	Helicobacter.s	Helicobacter_typhlonius
PWY66-429: fatty acid biosynthesis initiation (mitochondria)lg	Helicobacter.s	Helicobacter_typhlonius
ILEUSYN-PWY: L-isoleucine biosynthesis I (from threonine)lg	Helicobacter.s	Helicobacter_typhlonius
BRANCHED-CHAIN-AA-SYN-PWY: superpathway of branched chain amino acid biosynthesislg	Helicobacter.s	Helicobacter_typhlonius
PWY-7221: guanosine ribonucleotides de novo biosynthesislg	Lactobacillus.s	Lactobacillus_murinus
PWY-6151: S-adenosyl-L-methionine salvage IIg	Lactobacillus.s	Lactobacillus_murinus
OANTIGEN-PWY: O-antigen building blocks biosynthesis (E. coli)lg	Lactobacillus.s	Lactobacillus_murinus
UDPNAGSYN-PWY: UDP-N-acetyl-D-glucosamine biosynthesis IIg	Lactobacillus.s	Lactobacillus_murinus
PWY-7790: UMP biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-5686: UMP biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-7791: UMP biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
DTDPRHAMSYN-PWY: dTDP-β-L-rhamnose biosynthesislg	Lactobacillus.s	Lactobacillus_murinus
PWY-6609: adenine and adenosine salvage IIIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-6527: stachyose degradationlg	Lactobacillus.s	Lactobacillus_murinus
PWY-6124: inosine-5'-phosphate biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-6123: inosine-5'-phosphate biosynthesis IIg	Lactobacillus.s	Lactobacillus_murinus
PWY-7234: inosine-5'-phosphate biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-6121: 5-aminoimidazole ribonucleotide biosynthesis IIg	Lactobacillus.s	Lactobacillus_murinus
PWY-6277: superpathway of 5-aminoimidazole ribonucleotide biosynthesislg	Lactobacillus.s	Lactobacillus_murinus
PWY-6122: 5-aminoimidazole ribonucleotide biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-2942: L-lysine biosynthesis IIIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-2941: L-lysine biosynthesis IIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-5097: L-lysine biosynthesis VIlg	Lactobacillus.s	Lactobacillus_murinus
PWY-3841: folate transformations II (plants)lg	Lactobacillus.s	Lactobacillus_murinus
PWY-6386: UDP-N-acetylmuramoyl-pentapeptide biosynthesis II (lysine-containing)lg	Lactobacillus.s	Lactobacillus_murinus
PWY-6387: UDP-N-acetylmuramoyl-pentapeptide biosynthesis I (meso-diaminopimelate containing)lg	Lactobacillus.s	Lactobacillus_murinus
PEPTIDOGLYCANSYN-PWY: peptidoglycan biosynthesis I (meso-diaminopimelate containing)lg	Lactobacillus.s	Lactobacillus_murinus
PWY-6700: queuosine biosynthesis I (de novo)lg	Lactobacillus.s	Lactobacillus_murinus
COA-PWY-1: superpathway of coenzyme A biosynthesis III (mammals)lg	Lactobacillus.s	Lactobacillus_murinus
COA-PWY: coenzyme A biosynthesis I (prokaryotic)lg	Lactobacillus.s	Lactobacillus_murinus
PWY-7851: coenzyme A biosynthesis II (eukaryotic)lg	Lactobacillus.s	Lactobacillus_murinus
DTDPRHAMSYN-PWY: dTDP-β-L-rhamnose biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY-7221: guanosine ribonucleotides de novo biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
COA-PWY: coenzyme A biosynthesis I (prokaryotic)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY-6527: stachyose degradationlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY-7238: sucrose biosynthesis IIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY-6609: adenine and adenosine salvage IIIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY-6317: D-galactose degradation I (Leloir pathway)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
PWY0-1296: purine ribonucleosides degradationlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_28_4
GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6121: 5-aminoimidazole ribonucleotide biosynthesis IIg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6122: 5-aminoimidazole ribonucleotide biosynthesis IIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6277: superpathway of 5-aminoimidazole ribonucleotide biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
VALSYN-PWY: L-valine biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
DTDPRHAMSYN-PWY: dTDP-β-L-rhamnose biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6609: adenine and adenosine salvage IIIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
ARGSYNBSUB-PWY: L-arginine biosynthesis II (acetyl cycle)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
ARGSYN-PWY: L-arginine biosynthesis I (via L-ornithine)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6151: S-adenosyl-L-methionine salvage IIg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
GLUTORN-PWY: L-ornithine biosynthesis IIg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A4
PWY-6121: 5-aminoimidazole ribonucleotide biosynthesis IIg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
PWY-6277: superpathway of 5-aminoimidazole ribonucleotide biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
PWY-6122: 5-aminoimidazole ribonucleotide biosynthesis IIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
PWY-7238: sucrose biosynthesis IIlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
PWY-7221: guanosine ribonucleotides de novo biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
PWY-1042: glycolysis IVlg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
GLYCOGENSYNTH-PWY: glycogen biosynthesis I (from ADP-D-Glucose)lg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2
DTDPRHAMSYN-PWY: dTDP-β-L-rhamnose biosynthesislg	Lachnospiraceae unclassified.s	Lachnospiraceae_bacterium_A2

Taxon