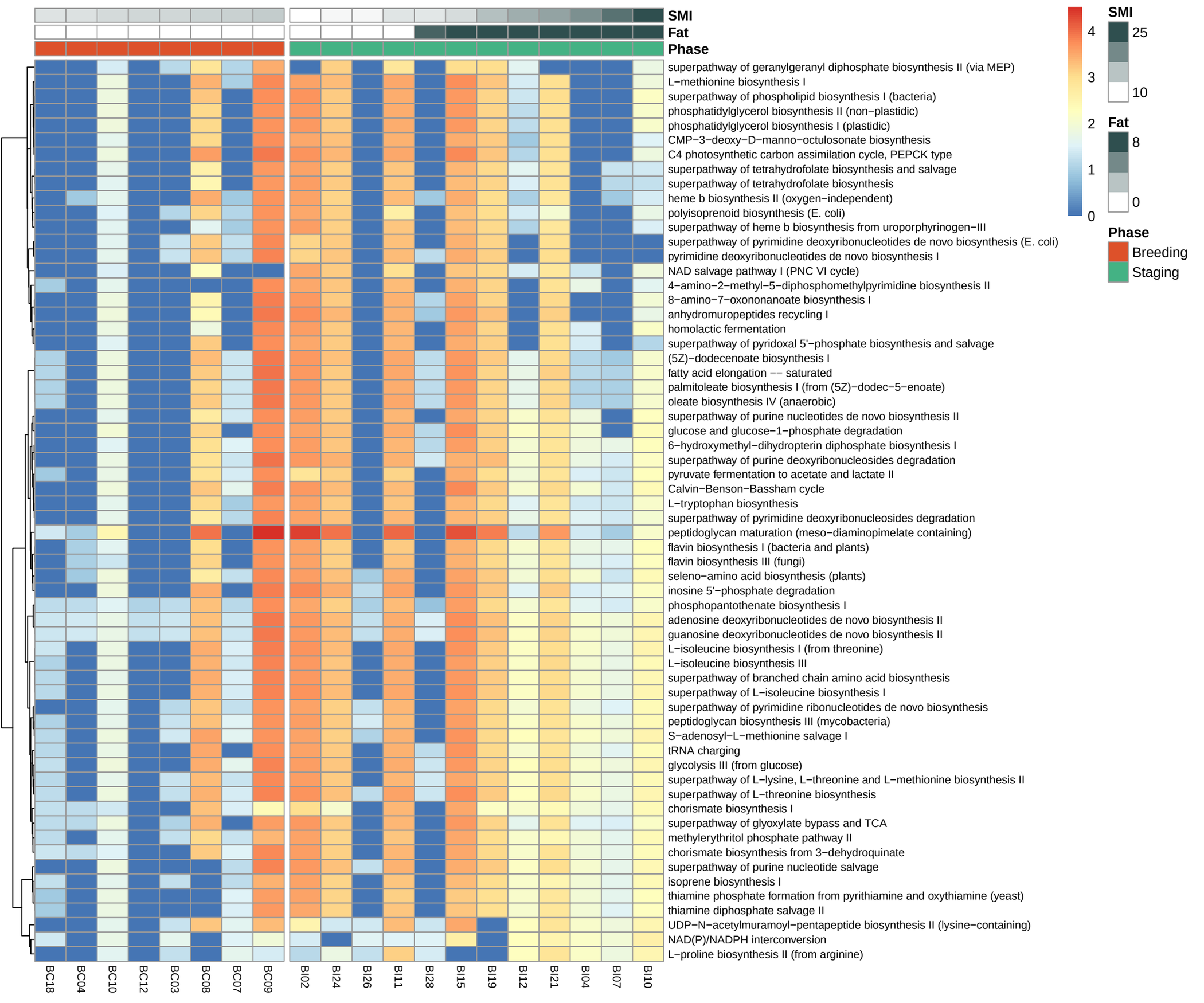
SMI
Fat
Phase
superpathway of geranylgeranyl diphosphate biosynthesis II (via MEP)
L−methionine biosynthesis I
superpathway of phospholipid biosynthesis I (bacteria)
phosphatidylglycerol biosynthesis II (non−plastidic)
phosphatidylglycerol biosynthesis I (plastidic)
CMP−3−deoxy−D−manno−octulosonate biosynthesis
C4 photosynthetic carbon assimilation cycle, PEPCK type
superpathway of tetrahydrofolate biosynthesis and salvage
superpathway of tetrahydrofolate biosynthesis
heme b biosynthesis II (oxygen−independent)
polyisoprenoid biosynthesis (E. coli)
superpathway of heme b biosynthesis from uroporphyrinogen−III
superpathway of pyrimidine deoxyribonucleotides de novo biosynthesis (E. coli)
pyrimidine deoxyribonucleotides de novo biosynthesis I
NAD salvage pathway I (PNC VI cycle)
4−amino−2−methyl−5−diphosphomethylpyrimidine biosynthesis II
8−amino−7−oxononanoate biosynthesis I
anhydromuropeptides recycling I
homolactic fermentation
superpathway of pyridoxal 5'−phosphate biosynthesis and salvage
(5Z)−dodecenoate biosynthesis I
fatty acid elongation −− saturated
palmitoleate biosynthesis I (from (5Z)−dodec−5−enoate)
oleate biosynthesis IV (anaerobic)
superpathway of purine nucleotides de novo biosynthesis II
glucose and glucose−1−phosphate degradation
6−hydroxymethyl−dihydropterin diphosphate biosynthesis I
superpathway of purine deoxyribonucleosides degradation
pyruvate fermentation to acetate and lactate II
Calvin−Benson−Bassham cycle
L−tryptophan biosynthesis
superpathway of pyrimidine deoxyribonucleosides degradation
peptidoglycan maturation (meso−diaminopimelate containing)
flavin biosynthesis I (bacteria and plants)
flavin biosynthesis III (fungi)
seleno−amino acid biosynthesis (plants)
inosine 5'−phosphate degradation
phosphopantothenate biosynthesis I
adenosine deoxyribonucleotides de novo biosynthesis II
guanosine deoxyribonucleotides de novo biosynthesis II
L−isoleucine biosynthesis I (from threonine)
L−isoleucine biosynthesis III
superpathway of branched chain amino acid biosynthesis
superpathway of L−isoleucine biosynthesis I
superpathway of pyrimidine ribonucleotides de novo biosynthesis
peptidoglycan biosynthesis III (mycobacteria)
S−adenosyl−L−methionine salvage I
tRNA charging
glycolysis III (from glucose)
superpathway of L−lysine, L−threonine and L−methionine biosynthesis II
superpathway of L−threonine biosynthesis
chorismate biosynthesis I
superpathway of glyoxylate bypass and TCA
methylerythritol phosphate pathway II
chorismate biosynthesis from 3−dehydroquinate
superpathway of purine nucleotide salvage
isoprene biosynthesis I
thiamine phosphate formation from pyrithiamine and oxythiamine (yeast)
thiamine diphosphate salvage II
UDP−N−acetylmuramoyl−pentapeptide biosynthesis II (lysine−containing)
NAD(P)/NADPH interconversion
L−proline biosynthesis II (from arginine)
BC18
BC04
BC10
BC12
BC03
BC08
BC07
BC09
BI02
BI24
BI26
BI11
BI28
BI15
BI19
BI12
BI21
BI04
BI07
BI10
4
3
2
1
0
SMI
25
10
Fat
8
0
Phase
Breeding
Staging