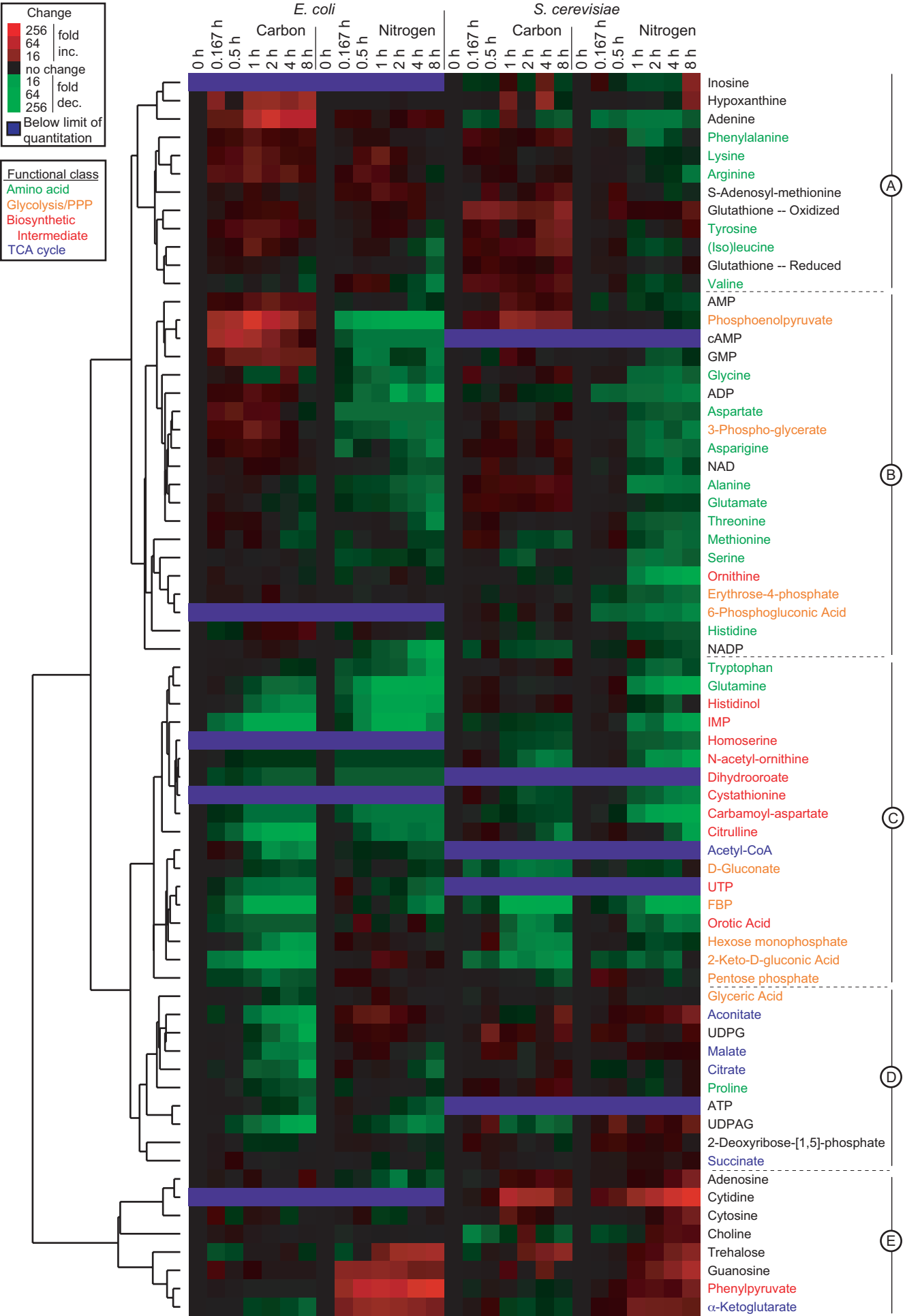
Change
256
64
16
fold inc.
no change
16
64
256
fold dec.
Below limit of quantitation
Functional class
Amino acid
Glycolysis/PPP
Biosynthetic Intermediate
TCA cycle
E. coli
S. cerevisiae
Carbon
Nitrogen
0 h
0.167 h
0.5 h
1 h
2 h
4 h
8 h
Inosine
Hypoxanthine
Adenine
Phenylalanine
Lysine
Arginine
S-Adenosyl-methionine
Glutathione -- Oxidized
Tyrosine
(Iso)leucine
Glutathione -- Reduced
Valine
AMP
Phosphoenolpyruvate
cAMP
GMP
Glycine
ADP
Aspartate
3-Phospho-glycerate
Asparigine
NAD
Alanine
Glutamate
Threonine
Methionine
Serine
Ornithine
Erythrose-4-phosphate
6-Phosphogluconic Acid
Histidine
NADP
Tryptophan
Glutamine
Histidinol
IMP
Homoserine
N-acetyl-ornithine
Dihydrooroate
Cystathionine
Carbamoyl-aspartate
Citrulline
Acetyl-CoA
D-Gluconate
UTP
FBP
Orotic Acid
Hexose monophosphate
2-Keto-D-gluconic Acid
Pentose phosphate
Glyceric Acid
Aconitate
UDPG
Malate
Citrate
Proline
ATP
UDPAG
2-Deoxyribose-[1,5]-phosphate
Succinate
Adenosine
Cytidine
Cytosine
Choline
Trehalose
Guanosine
Phenylpyruvate
α-Ketoglutarate
A
B
C
D
E