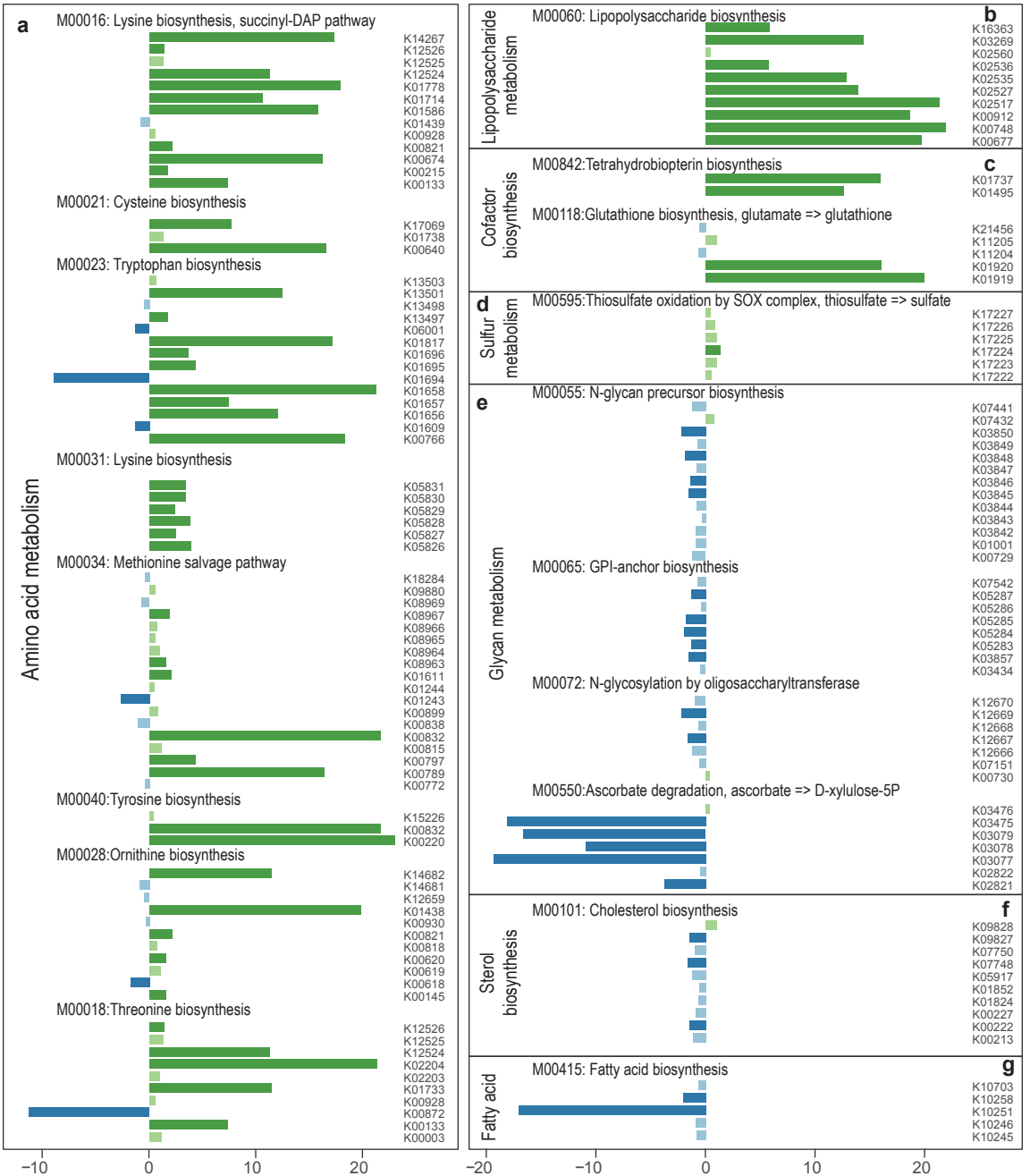
a
Amino acid metabolism
M00016: Lysine biosynthesis, succinyl-DAP pathway
K14267
K12526
K12525
K12524
K01778
K01714
K01586
K01439
K00928
K00821
K00674
K00215
K00133
M00021: Cysteine biosynthesis
K17069
K01738
K00640
M00023: Tryptophan biosynthesis
K13503
K13501
K13498
K13497
K06001
K01817
K01696
K01695
K01694
K01658
K01657
K01656
K01609
K00766
M00031: Lysine biosynthesis
K05831
K05830
K05829
K05828
K05827
K05826
M00034: Methionine salvage pathway
K18284
K09880
K08969
K08967
K08966
K08965
K08964
K08963
K01611
K01244
K01243
K00899
K00838
K00832
K00815
K00797
K00789
K00772
M00040:Tyrosine biosynthesis
K15226
K00832
K00220
M00028:Ornithine biosynthesis
K14682
K14681
K12659
K01438
K00930
K00821
K00818
K00620
K00619
K00618
K00145
M00018:Threonine biosynthesis
K12526
K12525
K12524
K02204
K02203
K01733
K00928
K00872
K00133
K00003
−10
0
10
20
log10(FDR adjusted p-value)
Lipopolysaccharide metabolism
M00060: Lipopolysaccharide biosynthesis
b
K16363
K03269
K02560
K02536
K02535
K02527
K02517
K00912
K00748
K00677
Cofactor biosynthesis
M00842:Tetrahydrobiopterin biosynthesis
c
K01737
K01495
M00118:Glutathione biosynthesis, glutamate => glutathione
K21456
K11205
K11204
K01920
K01919
d
Sulfur metabolism
M00595:Thiosulfate oxidation by SOX complex, thiosulfate => sulfate
K17227
K17226
K17225
K17224
K17223
K17222
e
Glycan metabolism
M00055: N-glycan precursor biosynthesis
K07441
K07432
K03850
K03849
K03848
K03847
K03846
K03845
K03844
K03843
K03842
K01001
K00729
M00065: GPI-anchor biosynthesis
K07542
K05287
K05286
K05285
K05284
K05283
K03857
K03434
M00072: N-glycosylation by oligosaccharyltransferase
K12670
K12669
K12668
K12667
K12666
K07151
K00730
M00550:Ascorbate degradation, ascorbate => D-xylulose-5P
K03476
K03475
K03079
K03078
K03077
K02822
K02821
Sterol biosynthesis
M00101: Cholesterol biosynthesis
f
K09828
K09827
K07750
K07748
K05917
K01852
K01824
K00227
K00222
K00213
Fatty acid
M00415: Fatty acid biosynthesis
g
K10703
K10258
K10251
K10246
K10245
−20
−10
0
10
20
Enrich in M-cutotype (FDR adjusted p-value<0.05)
Enrich in C-cutotype (FDR adjusted p-value<0.05)
Enrich in M-cutotype (FDR adjusted p-value>0.05)
Enrich in C-cutotype (FDR adjusted p-value>0.05)