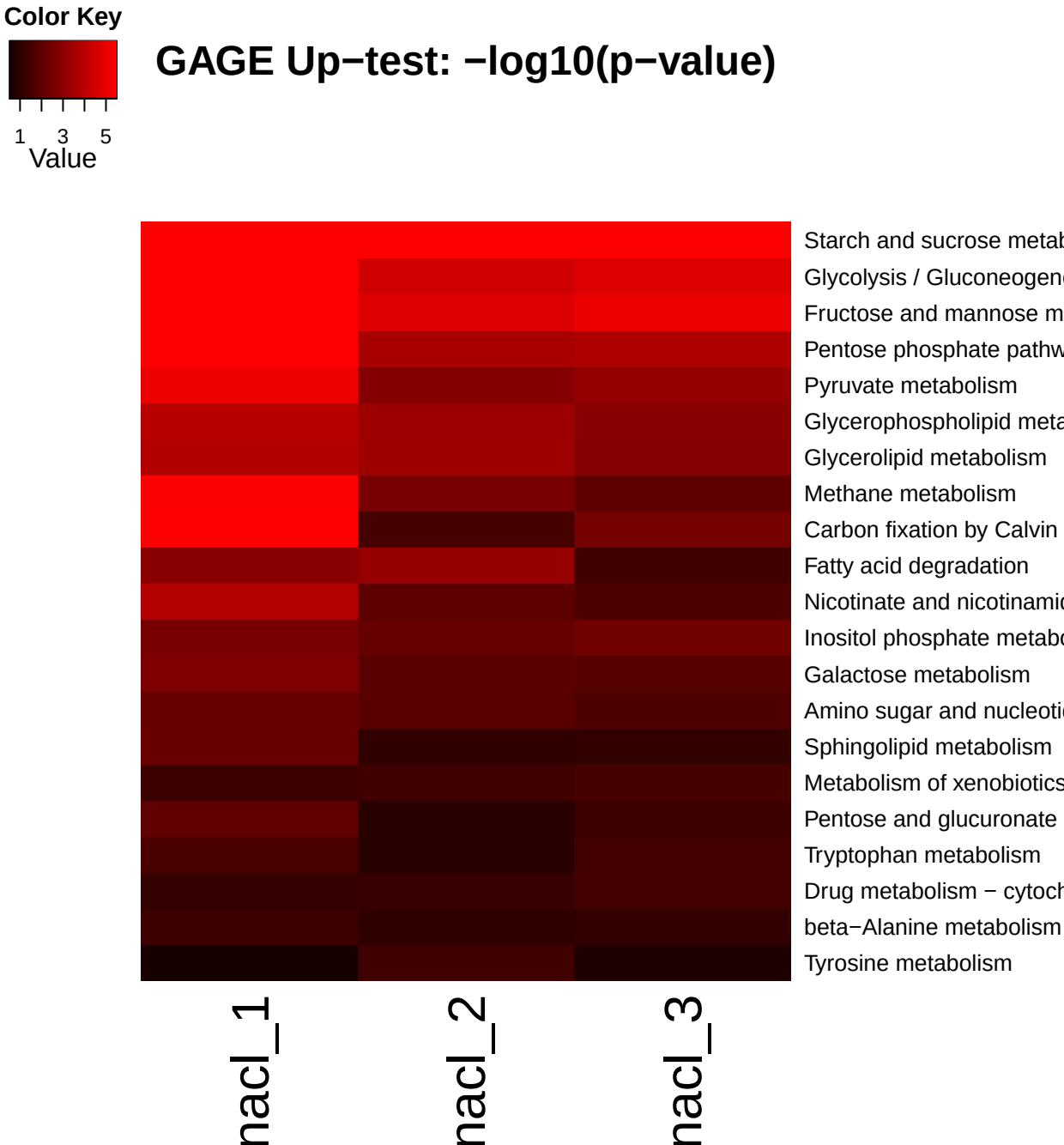
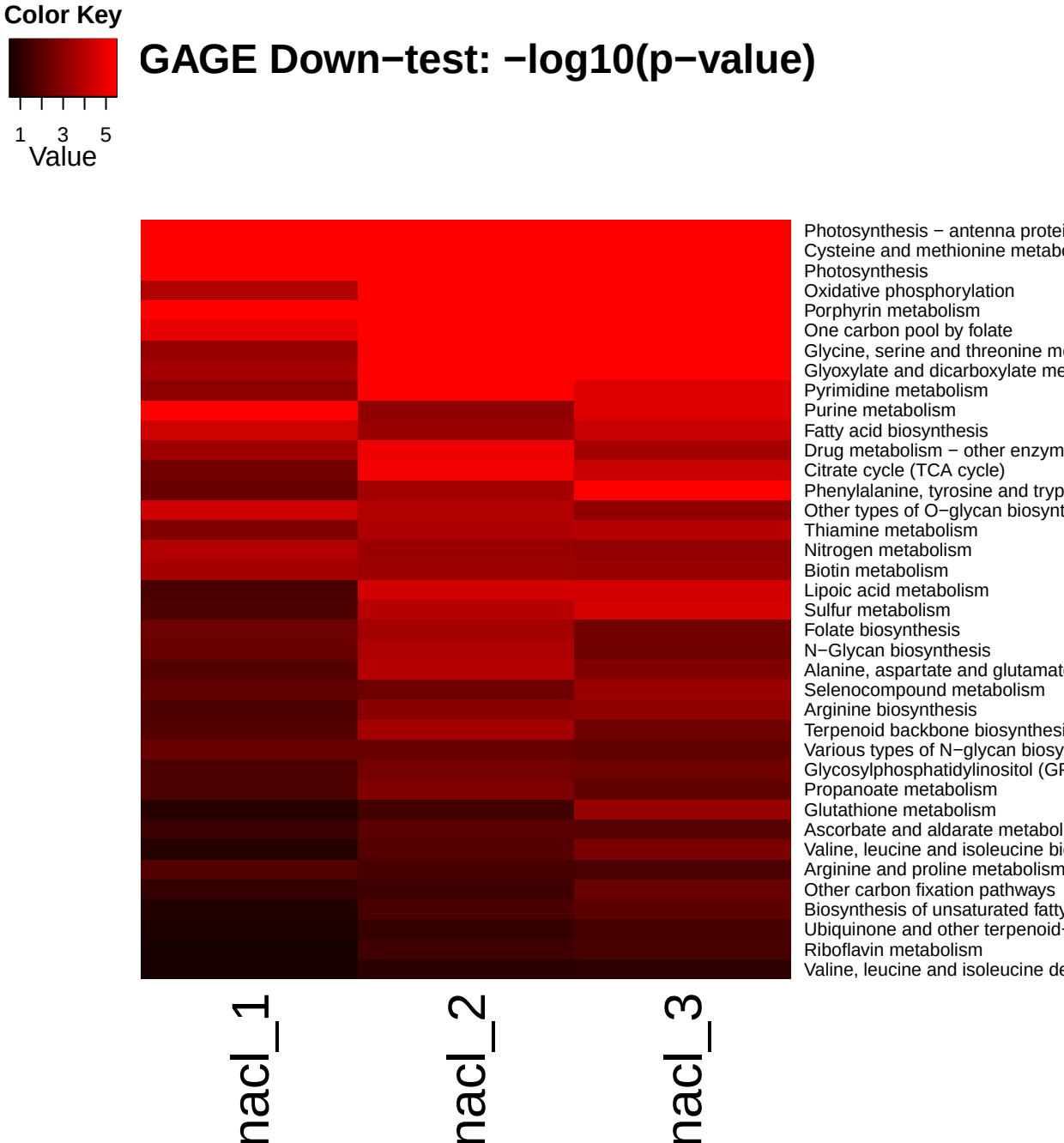
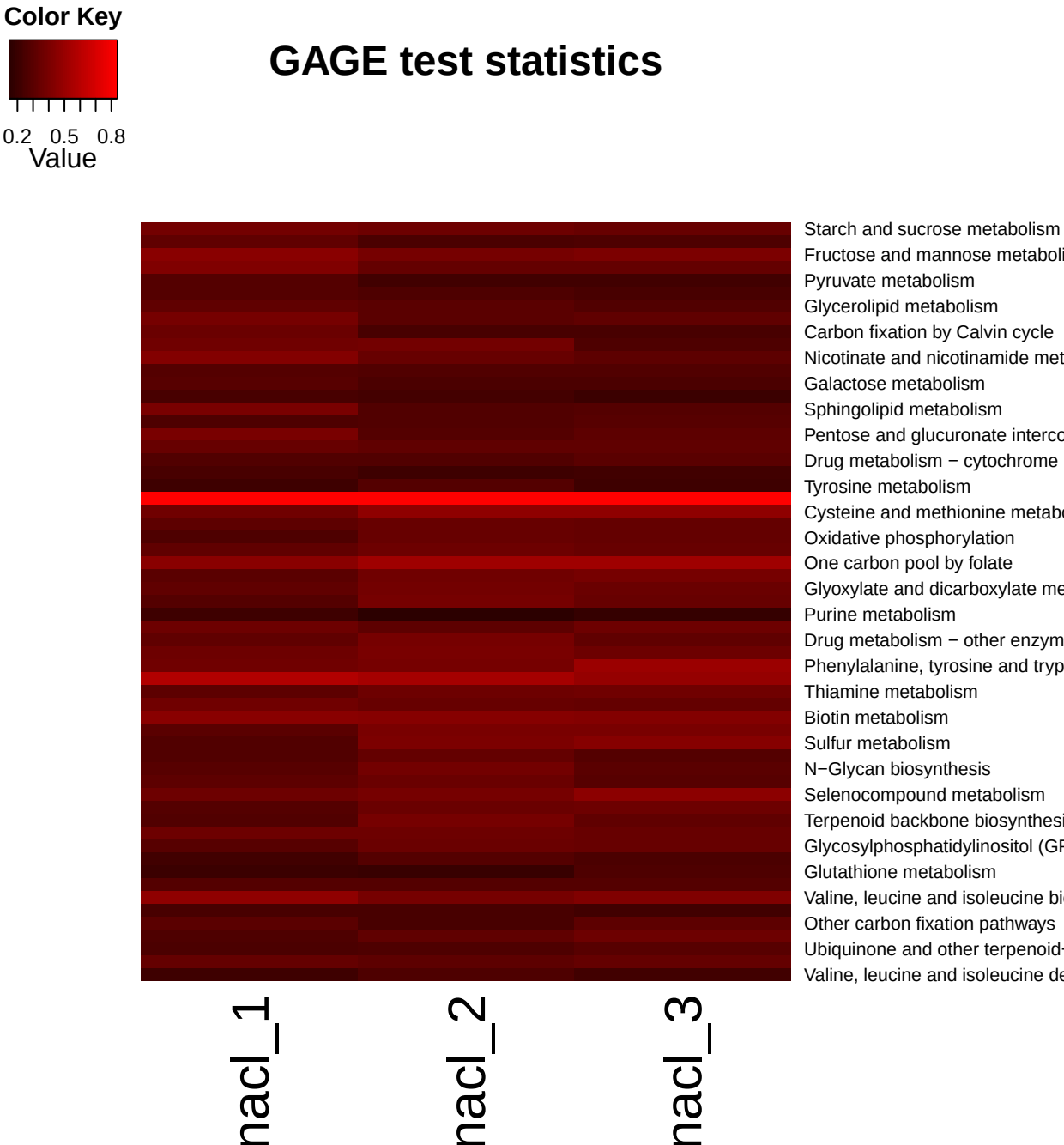

Color Key
1
3
5
Value
GAGE Up−test: −log10(p−value)
Starch and sucrose metab
Glycolysis / Gluconeogen
Fructose and mannose m
Pentose phosphate pathw
Pyruvate metabolism
Glycerophospholipid meta
Glycerolipid metabolism
Methane metabolism
Carbon fixation by Calvin
Fatty acid degradation
Nicotinate and nicotinamid
Inositol phosphate metabo
Galactose metabolism
Amino sugar and nucleoti
Sphingolipid metabolism
Metabolism of xenobiotics
Pentose and glucuronate
Tryptophan metabolism
Drug metabolism − cytoch
beta−Alanine metabolism
Tyrosine metabolism
nacl_1
nacl_2
nacl_3


Color Key
1
3
5
Value
GAGE Down−test: −log10(p−value)
Photosynthesis − antenna protei
Cysteine and methionine metabo
Photosynthesis
Oxidative phosphorylation
Porphyrin metabolism
One carbon pool by folate
Glycine, serine and threonine m
Glyoxylate and dicarboxylate me
Pyrimidine metabolism
Purine metabolism
Fatty acid biosynthesis
Drug metabolism − other enzym
Citrate cycle (TCA cycle)
Phenylalanine, tyrosine and tryp
Other types of O−glycan biosynt
Thiamine metabolism
Nitrogen metabolism
Biotin metabolism
Lipoic acid metabolism
Sulfur metabolism
Folate biosynthesis
N−Glycan biosynthesis
Alanine, aspartate and glutamat
Selenocompound metabolism
Arginine biosynthesis
Terpenoid backbone biosynthesi
Various types of N−glycan biosy
Glycosylphosphatidylinositol (GP
Propanoate metabolism
Glutathione metabolism
Ascorbate and aldarate metabol
Valine, leucine and isoleucine bi
Arginine and proline metabolism
Other carbon fixation pathways
Biosynthesis of unsaturated fatty
Ubiquinone and other terpenoid-
Riboflavin metabolism
Valine, leucine and isoleucine de
nacl_1
nacl_2
nacl_3


Color Key
0.2 0.5 0.8
Value
GAGE test statistics
Starch and sucrose metabolism
Fructose and mannose metaboli
Pyruvate metabolism
Glycerolipid metabolism
Carbon fixation by Calvin cycle
Nicotinate and nicotinamide met
Galactose metabolism
Sphingolipid metabolism
Pentose and glucuronate interco
Drug metabolism − cytochrome
Tyrosine metabolism
Cysteine and methionine metabo
Oxidative phosphorylation
One carbon pool by folate
Glyoxylate and dicarboxylate me
Purine metabolism
Drug metabolism − other enzym
Phenylalanine, tyrosine and tryp
Thiamine metabolism
Biotin metabolism
Sulfur metabolism
N−Glycan biosynthesis
Selenocompound metabolism
Terpenoid backbone biosynthesi
Glycosylphosphatidylinositol (GP
Glutathione metabolism
Valine, leucine and isoleucine bi
Other carbon fixation pathways
Ubiquinone and other terpenoid-
Valine, leucine and isoleucine de
nacl_1
nacl_2
nacl_3