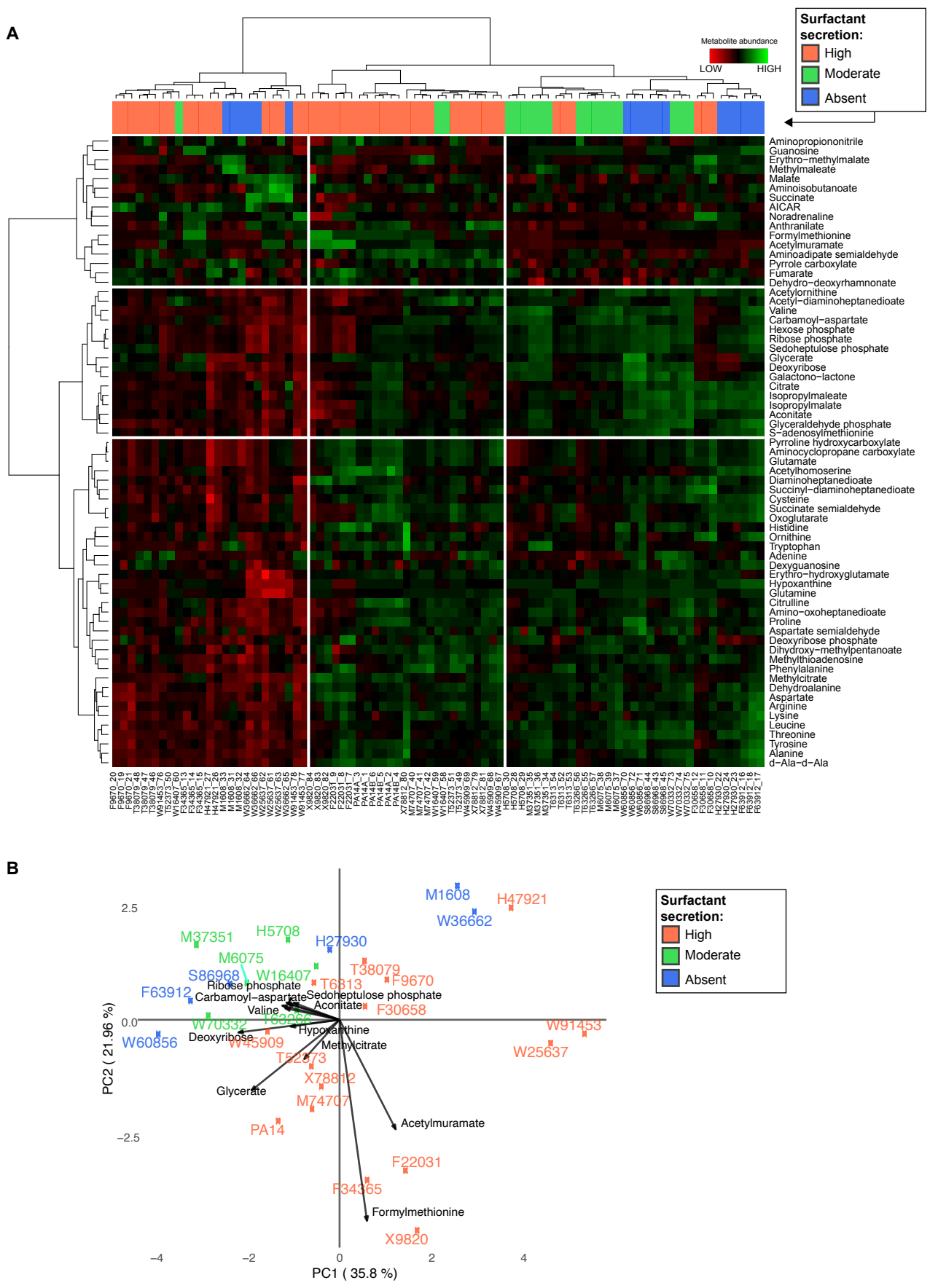
A
Metabolite abundance
LOW
HIGH
Surfactant secretion:
High
Moderate
Absent
Aminopropiononitrile
Guanosine
Erythro−methylmalate
Methylmaleate
Malate
Aminoisobutanoate
Succinate
AICAR
Noradrenaline
Anthranilate
Formylmethionine
Acetylmuramate
Aminoadipate semialdehyde
Pyrrole carboxylate
Fumarate
Dehydro−deoxyrhamnonate
Acetylornithine
Acetyl−diaminoheptanedioate
Valine
Carbamoyl−aspartate
Hexose phosphate
Ribose phosphate
Sedoheptulose phosphate
Glycerate
Deoxyribose
Galactono−lactone
Citrate
Isopropylmaleate
Isopropylmalate
Aconitate
Glyceraldehyde phosphate
S−adenosylmethionine
Pyrroline hydroxycarboxylate
Aminocyclopropane carboxylate
Glutamate
Acetylhomoserine
Diaminoheptanedioate
Succinyl−diaminoheptanedioate
Cysteine
Succinate semialdehyde
Oxoglutarate
Histidine
Ornithine
Tryptophan
Adenine
Dexyguanosine
Erythro−hydroxyglutamate
Hypoxanthine
Glutamine
Citrulline
Amino−oxoheptanedioate
Proline
Aspartate semialdehyde
Deoxyribose phosphate
Dihydroxy−methylpentanoate
Methylthioadenosine
Phenylalanine
Methylcitrate
Dehydroalanine
Aspartate
Arginine
Lysine
Leucine
Threonine
Tyrosine
Alanine
d−Ala−d−Ala
B
Surfactant secretion:
High
Moderate
Absent
M1608
H47921
W36662
M37351
H5708
H27930
M6075
T38079
S86968
W16407
T6313
F9670
F63912
Ribose phosphate
Carbamoyl−aspartate
Sedoheptulose phosphate
Valine
Aconitate
F30658
W70332
Deoxyribose
Hypoxanthine
Methylcitrate
W60856
W45909
W91453
W25637
T52873
X78812
Glycerate
M74707
PA14
Acetylmuramate
F22031
F34365
Formylmethionine
X9820
PC2 (21.96 %)
PC1 (35.8 %)
2.5
0.0
−2.5
−4
−2
0
2
4