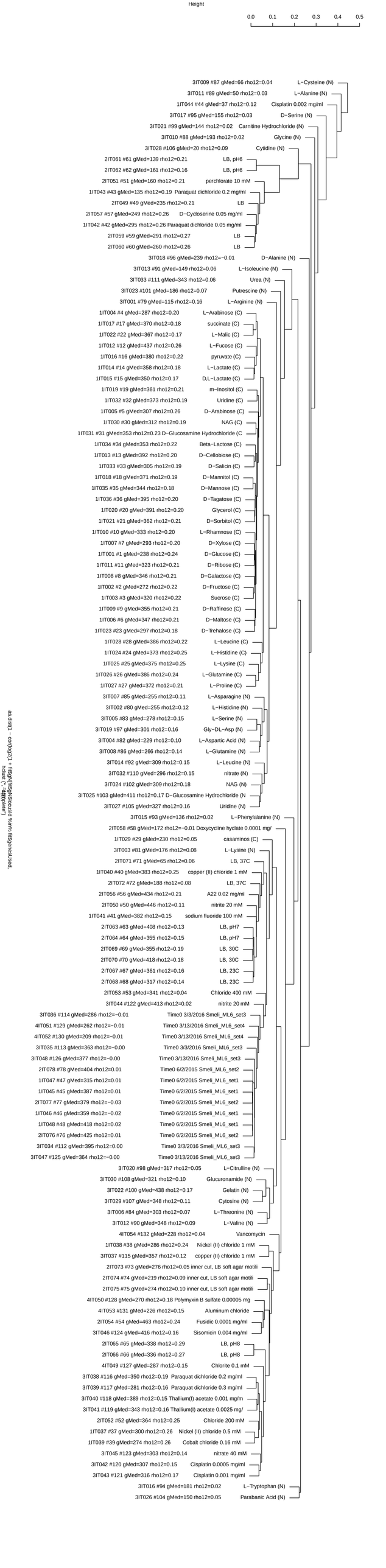
Height
0.0
0.1
0.2
0.3
0.4
0.5
3IT009 #87 gMed=66 rho12=0.04
L−Cysteine (N)
3IT011 #89 gMed=50 rho12=0.03
L−Alanine (N)
1IT044 #44 gMed=37 rho12=0.12
Cisplatin 0.002 mg/ml
3IT017 #95 gMed=155 rho12=0.03
D−Serine (N)
3IT021 #99 gMed=144 rho12=0.02
Carnitine Hydrochloride (N)
3IT010 #88 gMed=193 rho12=0.02
Glycine (N)
3IT028 #106 gMed=20 rho12=0.09
Cytidine (N)
2IT061 #61 gMed=139 rho12=0.21
LB, pH6
2IT062 #62 gMed=161 rho12=0.16
LB, pH6
2IT051 #51 gMed=160 rho12=0.21
perchlorate 10 mM
1IT043 #43 gMed=135 rho12=0.19
Paraquat dichloride 0.2 mg/ml
2IT049 #49 gMed=235 rho12=0.21
LB
2IT057 #57 gMed=249 rho12=0.26
D−Cycloserine 0.05 mg/ml
1IT042 #42 gMed=295 rho12=0.26
Paraquat dichloride 0.05 mg/ml
2IT059 #59 gMed=291 rho12=0.27
LB
2IT060 #60 gMed=260 rho12=0.26
LB
3IT018 #96 gMed=239 rho12=−0.01
D−Alanine (N)
3IT013 #91 gMed=149 rho12=0.06
L−Isoleucine (N)
3IT033 #111 gMed=343 rho12=0.06
Urea (N)
3IT023 #101 gMed=186 rho12=0.07
Putrescine (N)
3IT001 #79 gMed=115 rho12=0.16
L−Arginine (N)
1IT004 #4 gMed=287 rho12=0.20
L−Arabinose (C)
1IT017 #17 gMed=370 rho12=0.18
succinate (C)
1IT022 #22 gMed=367 rho12=0.17
L−Malic (C)
1IT012 #12 gMed=437 rho12=0.26
L−Fucose (C)
1IT016 #16 gMed=380 rho12=0.22
pyruvate (C)
1IT014 #14 gMed=358 rho12=0.18
L−Lactate (C)
1IT015 #15 gMed=350 rho12=0.17
D,L−Lactate (C)
1IT019 #19 gMed=361 rho12=0.21
m−Inositol (C)
1IT032 #32 gMed=373 rho12=0.19
Uridine (C)
1IT005 #5 gMed=307 rho12=0.26
D−Arabinose (C)
1IT030 #30 gMed=312 rho12=0.19
NAG (C)
1IT031 #31 gMed=353 rho12=0.23
D−Glucosamine Hydrochloride (C
1IT034 #34 gMed=353 rho12=0.22
Beta−Lactose (C)
1IT013 #13 gMed=392 rho12=0.20
D−Cellobiose (C)
1IT033 #33 gMed=305 rho12=0.19
D−Salicin (C)
1IT018 #18 gMed=371 rho12=0.19
D−Mannitol (C)
1IT035 #35 gMed=344 rho12=0.18
D−Mannose (C)
1IT036 #36 gMed=395 rho12=0.20
D−Tagatose (C)
1IT020 #20 gMed=391 rho12=0.20
Glycerol (C)
1IT021 #21 gMed=362 rho12=0.21
D−Sorbitol (C)
1IT010 #10 gMed=333 rho12=0.20
L−Rhamnose (C)
1IT007 #7 gMed=293 rho12=0.20
D−Xylose (C)
1IT001 #1 gMed=238 rho12=0.24
D−Glucose (C)
1IT011 #11 gMed=323 rho12=0.21
D−Ribose (C)
1IT008 #8 gMed=346 rho12=0.21
D−Galactose (C)
1IT002 #2 gMed=272 rho12=0.22
D−Fructose (C)
1IT003 #3 gMed=320 rho12=0.22
Sucrose (C)
1IT009 #9 gMed=355 rho12=0.21
D−Raffinose (C)
1IT006 #6 gMed=347 rho12=0.21
D−Maltose (C)
1IT023 #23 gMed=297 rho12=0.18
D−Trehalose (C)
1IT028 #28 gMed=386 rho12=0.22
L−Leucine (C)
1IT024 #24 gMed=373 rho12=0.25
L−Histidine (C)
1IT025 #25 gMed=375 rho12=0.25
L−Lysine (C)
1IT026 #26 gMed=386 rho12=0.24
L−Glutamine (C)
1IT027 #27 gMed=372 rho12=0.21
L−Proline (C)
3IT007 #85 gMed=255 rho12=0.11
L−Asparagine (N)
3IT002 #80 gMed=255 rho12=0.12
L−Histidine (N)
3IT005 #83 gMed=278 rho12=0.15
L−Serine (N)
3IT019 #97 gMed=301 rho12=0.16
Gly−DL−Asp (N)
3IT004 #82 gMed=229 rho12=0.10
L−Aspartic Acid (N)
3IT008 #86 gMed=266 rho12=0.14
L−Glutamine (N)
3IT014 #92 gMed=309 rho12=0.15
L−Leucine (N)
3IT032 #110 gMed=296 rho12=0.15
nitrate (N)
3IT024 #102 gMed=309 rho12=0.18
NAG (N)
3IT025 #103 gMed=411 rho12=0.17
D−Glucosamine Hydrochloride (N
3IT027 #105 gMed=327 rho12=0.16
Uridine (N)
3IT015 #93 gMed=136 rho12=0.02
L−Phenylalanine (N)
2IT058 #58 gMed=172 rho12=−0.01
Doxycycline hyclate 0.0001 mg/
1IT029 #29 gMed=230 rho12=0.05
casamino (C)
3IT003 #81 gMed=176 rho12=0.08
L−Lysine (N)
2IT071 #71 gMed=65 rho12=0.06
LB, 37C
1IT040 #40 gMed=383 rho12=0.25
copper (II) chloride 1 mM
2IT072 #72 gMed=188 rho12=0.08
LB, 37C
2IT056 #56 gMed=434 rho12=0.21
A22 0.02 mg/ml
2IT050 #50 gMed=446 rho12=0.11
nitrite 20 mM
1IT041 #41 gMed=382 rho12=0.15
sodium fluoride 100 mM
2IT063 #63 gMed=408 rho12=0.13
LB, pH7
2IT064 #64 gMed=355 rho12=0.15
LB, pH7
2IT069 #69 gMed=355 rho12=0.19
LB, 30C
2IT070 #70 gMed=418 rho12=0.18
LB, 30C
2IT067 #67 gMed=361 rho12=0.16
LB, 23C
2IT068 #68 gMed=317 rho12=0.14
LB, 23C
2IT053 #53 gMed=341 rho12=0.04
Chloride 400 mM
3IT044 #122 gMed=413 rho12=0.02
nitrite 20 mM
3IT036 #114 gMed=286 rho12=−0.01
Time0 3/3/2016 Smeli_ML6_set3
4IT051 #129 gMed=262 rho12=−0.01
Time0 3/13/2016 Smeli_ML6_set4
4IT052 #130 gMed=209 rho12=−0.01
Time0 3/13/2016 Smeli_ML6_set4
3IT035 #113 gMed=363 rho12=−0.00
Time0 3/3/2016 Smeli_ML6_set3
3IT048 #126 gMed=377 rho12=−0.00
Time0 3/13/2016 Smeli_ML6_set3
2IT078 #78 gMed=404 rho12=0.01
Time0 6/2/2015 Smeli_ML6_set2
1IT047 #47 gMed=315 rho12=0.01
Time0 6/2/2015 Smeli_ML6_set1
1IT045 #45 gMed=387 rho12=0.01
Time0 6/2/2015 Smeli_ML6_set1
2IT077 #77 gMed=379 rho12=−0.03
Time0 6/2/2015 Smeli_ML6_set2
1IT046 #46 gMed=359 rho12=−0.02
Time0 6/2/2015 Smeli_ML6_set1
1IT048 #48 gMed=418 rho12=0.02
Time0 6/2/2015 Smeli_ML6_set1
2IT076 #76 gMed=425 rho12=0.01
Time0 6/2/2015 Smeli_ML6_set2
3IT034 #112 gMed=395 rho12=0.00
Time0 3/3/2016 Smeli_ML6_set3
3IT047 #125 gMed=364 rho12=−0.00
Time0 3/13/2016 Smeli_ML6_set3
3IT020 #98 gMed=317 rho12=0.05
L−Citrulline (N)
3IT030 #108 gMed=321 rho12=0.10
Glucuronamide (N)
3IT022 #100 gMed=438 rho12=0.17
Gelatin (N)
3IT029 #107 gMed=348 rho12=0.11
Cytosine (N)
3IT006 #84 gMed=303 rho12=0.07
L−Threonine (N)
3IT012 #90 gMed=348 rho12=0.09
L−Valine (N)
4IT054 #132 gMed=228 rho12=0.04
Vancomycin
1IT038 #38 gMed=286 rho12=0.24
Nickel (II) chloride 1 mM
3IT037 #115 gMed=357 rho12=0.12
copper (II) chloride 1 mM
2IT073 #73 gMed=276 rho12=0.05
inner cut, LB soft agar motili
2IT074 #74 gMed=219 rho12=0.09
inner cut, LB soft agar motili
2IT075 #75 gMed=274 rho12=0.10
inner cut, LB soft agar motili
4IT050 #128 gMed=270 rho12=0.18
Polymyxin B sulfate 0.00005 mg
4IT053 #131 gMed=226 rho12=0.15
Aluminum chloride
2IT054 #54 gMed=463 rho12=0.24
Fusidic 0.0001 mg/ml
3IT046 #124 gMed=416 rho12=0.16
Sisomicin 0.004 mg/ml
2IT065 #65 gMed=338 rho12=0.29
LB, pH8
2IT066 #66 gMed=336 rho12=0.27
LB, pH8
4IT049 #127 gMed=287 rho12=0.15
Chlorite 0.1 mM
3IT038 #116 gMed=350 rho12=0.19
Paraquat dichloride 0.2 mg/ml
3IT039 #117 gMed=281 rho12=0.16
Paraquat dichloride 0.3 mg/ml
3IT040 #118 gMed=389 rho12=0.15
Thallium(I) acetate 0.001 mg/m
3IT041 #119 gMed=343 rho12=0.16
Thallium(I) acetate 0.0025 mg/
2IT052 #52 gMed=364 rho12=0.25
Chloride 200 mM
1IT037 #37 gMed=300 rho12=0.26
Nickel (II) chloride 0.5 mM
1IT039 #39 gMed=274 rho12=0.26
Cobalt chloride 0.16 mM
3IT045 #123 gMed=303 rho12=0.14
nitrate 40 mM
3IT042 #120 gMed=307 rho12=0.15
Cisplatin 0.0005 mg/ml
3IT043 #121 gMed=316 rho12=0.17
Cisplatin 0.001 mg/ml
3IT016 #94 gMed=181 rho12=0.02
L−Tryptophan (N)
3IT026 #104 gMed=150 rho12=0.05
Parabanic Acid (N)
as.dist(1 − cor(log2(1 + t$spl(N[t$spl$N$locus!= %in% tsplness$ked, hclust (*, "complete")