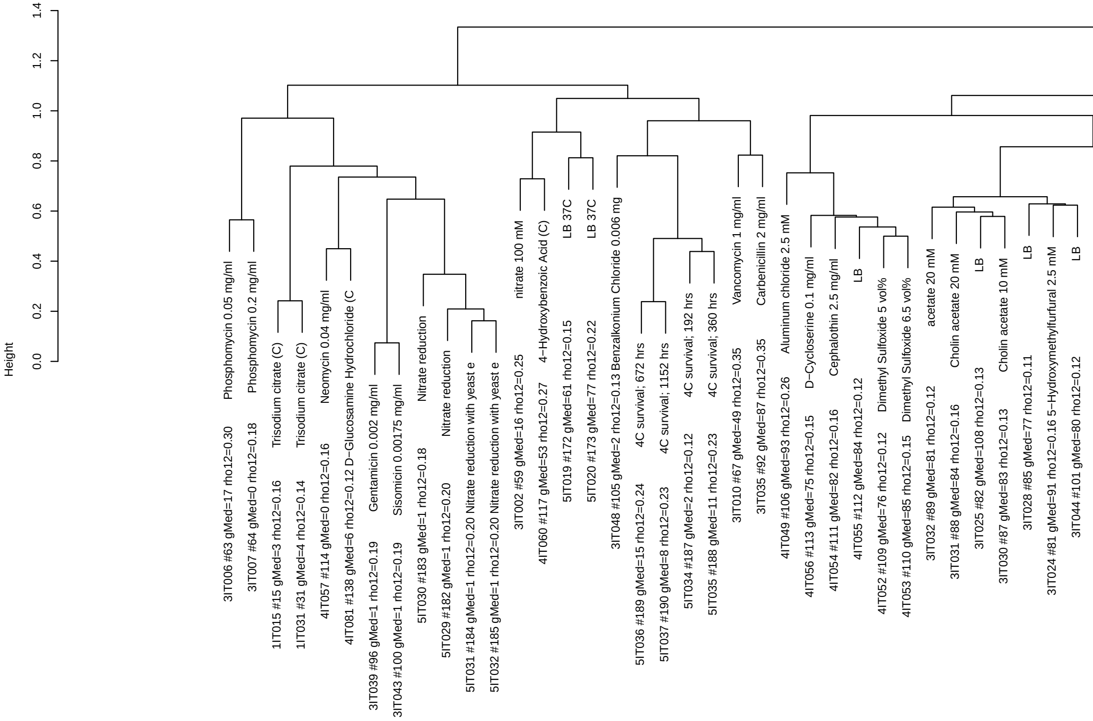
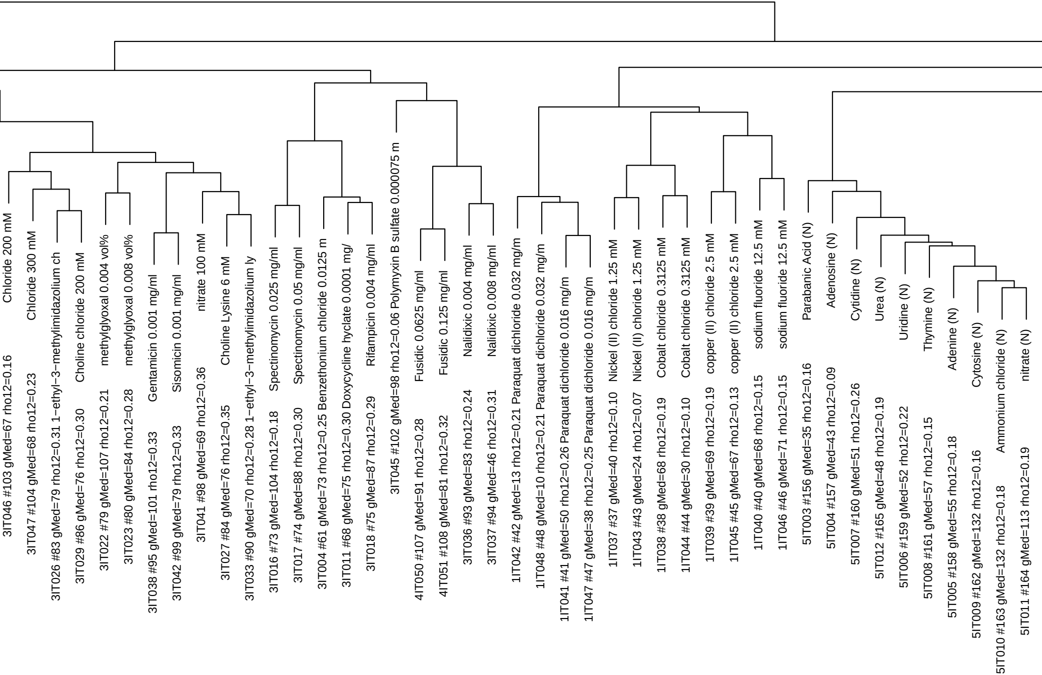
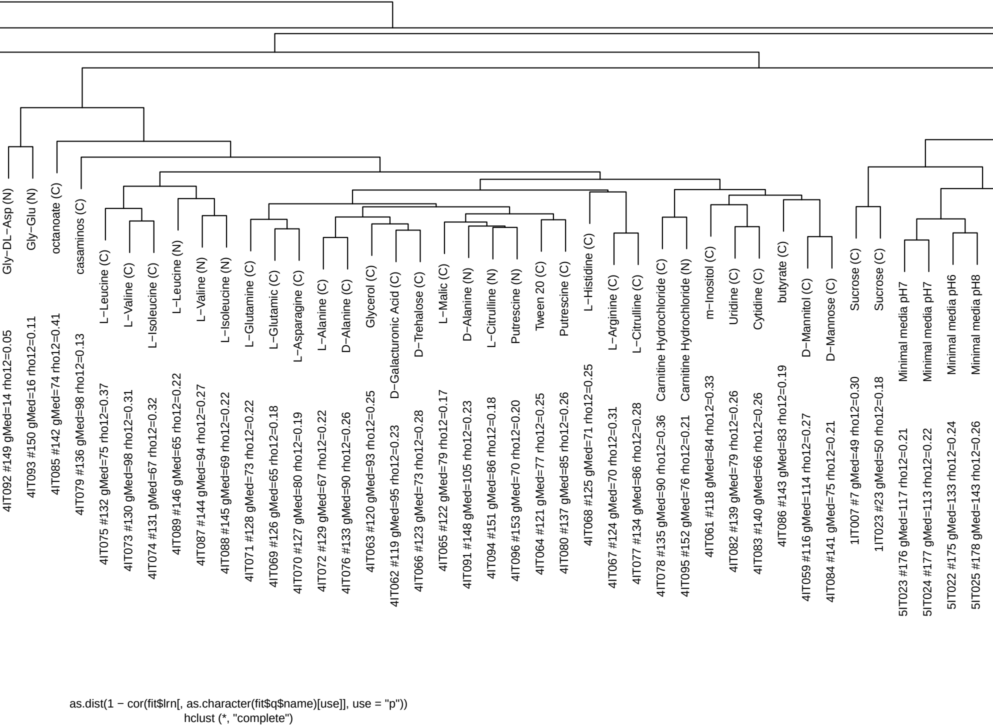

Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3IT006 #63 gMed=17 rho12=0.30 Phosphomycin 0.05 mg/ml
3IT007 #64 gMed=0 rho12=0.18 Phosphomycin 0.2 mg/ml
1IT015 #15 gMed=3 rho12=0.16 Trisodium citrate (C)
1IT031 #31 gMed=4 rho12=0.14 Trisodium citrate (C)
4IT057 #114 gMed=0 rho12=0.16 Neomycin 0.04 mg/ml
4IT081 #138 gMed=6 rho12=0.12 D−Glucosamine Hydrochloride (C
3IT039 #96 gMed=1 rho12=0.19 Gentamicin 0.002 mg/ml
3IT043 #100 gMed=1 rho12=0.19 Sisomicin 0.00175 mg/ml
5IT030 #183 gMed=1 rho12=0.18 Nitrate reduction
5IT029 #182 gMed=1 rho12=0.20 Nitrate reduction
5IT031 #184 gMed=1 rho12=0.20 Nitrate reduction with yeast e
5IT032 #185 gMed=1 rho12=0.20 Nitrate reduction with yeast e
3IT002 #59 gMed=16 rho12=0.25 nitrate 100 mM
4IT060 #117 gMed=53 rho12=0.27 4−Hydroxybenzoic Acid (C)
5IT019 #172 gMed=61 rho12=0.15 LB 37C
5IT020 #173 gMed=77 rho12=0.22 LB 37C
3IT048 #105 gMed=2 rho12=0.13 Benzalkonium Chloride 0.006 mg
5IT036 #189 gMed=15 rho12=0.24 4C survival; 672 hrs
5IT037 #190 gMed=8 rho12=0.23 4C survival; 1152 hrs
5IT034 #187 gMed=2 rho12=0.12 4C survival; 192 hrs
5IT035 #188 gMed=11 rho12=0.23 4C survival; 360 hrs
3IT010 #67 gMed=49 rho12=0.35 Vancomycin 1 mg/ml
3IT035 #92 gMed=87 rho12=0.35 Carbenicillin 2 mg/ml
4IT049 #106 gMed=93 rho12=0.26 Aluminum chloride 2.5 mM
4IT056 #113 gMed=75 rho12=0.15 D−Cycloserine 0.1 mg/ml
4IT054 #111 gMed=82 rho12=0.16 Cephalothin 2.5 mg/ml
4IT055 #112 gMed=84 rho12=0.12 LB
4IT052 #109 gMed=76 rho12=0.12 Dimethyl Sulfoxide 5 vol%
4IT053 #110 gMed=85 rho12=0.15 Dimethyl Sulfoxide 6.5 vol%
3IT032 #89 gMed=81 rho12=0.12 acetate 20 mM
3IT031 #88 gMed=84 rho12=0.16 Cholin acetate 20 mM
3IT025 #82 gMed=108 rho12=0.13 LB
3IT030 #87 gMed=83 rho12=0.13 Cholin acetate 10 mM
3IT028 #85 gMed=77 rho12=0.11 LB
3IT024 #81 gMed=91 rho12=0.16 5−Hydroxymethylfurfural 2.5 mM
3IT044 #101 gMed=80 rho12=0.12 LB


3IT046 #103 gMed=67 rho12=0.16 Chloride 200 mM
3IT047 #104 gMed=68 rho12=0.23 Chloride 300 mM
3IT026 #83 gMed=79 rho12=0.31 1−ethyl−3−methylimidazolium ch
3IT029 #86 gMed=76 rho12=0.30 Choline chloride 200 mM
3IT022 #79 gMed=107 rho12=0.21 methylglyoxal 0.004 vol%
3IT023 #80 gMed=84 rho12=0.28 methylglyoxal 0.008 vol%
3IT038 #95 gMed=101 rho12=0.33 Gentamicin 0.001 mg/ml
3IT042 #99 gMed=79 rho12=0.33 Sisomicin 0.001 mg/ml
3IT041 #98 gMed=69 rho12=0.36 nitrate 100 mM
3IT027 #84 gMed=76 rho12=0.35 Choline Lysine 6 mM
3IT033 #90 gMed=70 rho12=0.28 1−ethyl−3−methylimidazolium ly
3IT016 #73 gMed=104 rho12=0.18 Spectinomycin 0.025 mg/ml
3IT017 #74 gMed=88 rho12=0.30 Spectinomycin 0.05 mg/ml
3IT004 #61 gMed=73 rho12=0.25 Benzethonium chloride 0.0125 m
3IT011 #68 gMed=75 rho12=0.30 Doxycycline hyclate 0.0001 mg/
3IT018 #75 gMed=87 rho12=0.29 Rifampicin 0.004 mg/ml
3IT045 #102 gMed=98 rho12=0.06 Polymyxin B sulfate 0.000075 m
4IT050 #107 gMed=91 rho12=0.28 Fusidic 0.0625 mg/ml
4IT051 #108 gMed=81 rho12=0.32 Fusidic 0.125 mg/ml
3IT036 #93 gMed=83 rho12=0.24 Nalidixic 0.004 mg/ml
3IT037 #94 gMed=46 rho12=0.31 Nalidixic 0.008 mg/ml
1IT042 #42 gMed=13 rho12=0.21 Paraquat dichloride 0.032 mg/m
1IT048 #48 gMed=10 rho12=0.21 Paraquat dichloride 0.032 mg/m
1IT041 #41 gMed=50 rho12=0.26 Paraquat dichloride 0.016 mg/m
1IT047 #47 gMed=38 rho12=0.25 Paraquat dichloride 0.016 mg/m
1IT037 #37 gMed=40 rho12=0.10 Nickel (II) chloride 1.25 mM
1IT043 #43 gMed=24 rho12=0.07 Nickel (II) chloride 1.25 mM
1IT038 #38 gMed=68 rho12=0.19 Cobalt chloride 0.3125 mM
1IT044 #44 gMed=30 rho12=0.10 Cobalt chloride 0.3125 mM
1IT039 #39 gMed=69 rho12=0.19 copper (II) chloride 2.5 mM
1IT045 #45 gMed=67 rho12=0.13 copper (II) chloride 2.5 mM
1IT040 #40 gMed=68 rho12=0.15 sodium fluoride 12.5 mM
1IT046 #46 gMed=71 rho12=0.15 sodium fluoride 12.5 mM
5IT003 #156 gMed=35 rho12=0.16 Parabanic Acid (N)
5IT004 #157 gMed=43 rho12=0.09 Adenosine (N)
5IT007 #160 gMed=51 rho12=0.26 Cytidine (N)
5IT012 #165 gMed=48 rho12=0.19 Urea (N)
5IT006 #159 gMed=52 rho12=0.22 Uridine (N)
5IT008 #161 gMed=57 rho12=0.15 Thymine (N)
5IT005 #158 gMed=55 rho12=0.18 Adenine (N)
5IT009 #162 gMed=132 rho12=0.16 Cytosine (N)
5IT010 #163 gMed=132 rho12=0.18 Ammonium chloride (N)
5IT011 #164 gMed=113 rho12=0.19 nitrate (N)


Gly−DL−Asp (N) 4IT092 #149 gMed=14 rho12=0.05
Gly−Glu (N) 4IT093 #150 gMed=16 rho12=0.11
octanoate (C) 4IT085 #142 gMed=74 rho12=0.41
casaminos (C) 4IT079 #136 gMed=98 rho12=0.13
L−Leucine (C) 4IT075 #132 gMed=75 rho12=0.37
L−Valine (C) 4IT073 #130 gMed=98 rho12=0.31
L−Isoleucine (C) 4IT074 #131 gMed=67 rho12=0.32
L−Leucine (N) 4IT089 #146 gMed=65 rho12=0.22
L−Valine (N) 4IT087 #144 gMed=94 rho12=0.27
L−Isoleucine (N) 4IT088 #145 gMed=69 rho12=0.22
L−Glutamine (C) 4IT071 #128 gMed=73 rho12=0.22
L−Glutamic (C) 4IT069 #126 gMed=65 rho12=0.18
L−Asparagine (C) 4IT070 #127 gMed=80 rho12=0.19
L−Alanine (C) 4IT072 #129 gMed=67 rho12=0.22
D−Alanine (C) 4IT076 #133 gMed=90 rho12=0.26
Glycerol (C) 4IT063 #120 gMed=93 rho12=0.25
D−Galacturonic Acid (C) 4IT062 #119 gMed=95 rho12=0.23
D−Trehalose (C) 4IT066 #123 gMed=73 rho12=0.28
L−Malic (C) 4IT065 #122 gMed=79 rho12=0.17
D−Alanine (N) 4IT091 #148 gMed=105 rho12=0.23
L−Citrulline (N) 4IT094 #151 gMed=86 rho12=0.18
Putrescine (N) 4IT096 #153 gMed=70 rho12=0.20
Tween 20 (C) 4IT064 #121 gMed=77 rho12=0.25
Putrescine (C) 4IT080 #137 gMed=85 rho12=0.26
L−Histidine (C) 4IT068 #125 gMed=71 rho12=0.25
L−Arginine (C) 4IT067 #124 gMed=70 rho12=0.31
L−Citrulline (C) 4IT077 #134 gMed=86 rho12=0.28
Carnitine Hydrochloride (C) 4IT078 #135 gMed=90 rho12=0.36
Carnitine Hydrochloride (N) 4IT095 #152 gMed=76 rho12=0.21
m−Inositol (C) 4IT061 #118 gMed=84 rho12=0.33
Uridine (C) 4IT082 #139 gMed=79 rho12=0.26
Cytidine (C) 4IT083 #140 gMed=66 rho12=0.26
butyrate (C) 4IT086 #143 gMed=83 rho12=0.19
D−Mannitol (C) 4IT059 #116 gMed=114 rho12=0.27
D−Mannose (C) 4IT084 #141 gMed=75 rho12=0.21
Sucrose (C) 1IT007 #7 gMed=49 rho12=0.30
Sucrose (C) 1IT023 #23 gMed=50 rho12=0.18
Minimal media pH7 5IT023 #176 gMed=117 rho12=0.21
Minimal media pH7 5IT024 #177 gMed=113 rho12=0.22
Minimal media pH6 5IT022 #175 gMed=133 rho12=0.24
Minimal media pH8 5IT025 #178 gMed=143 rho12=0.26
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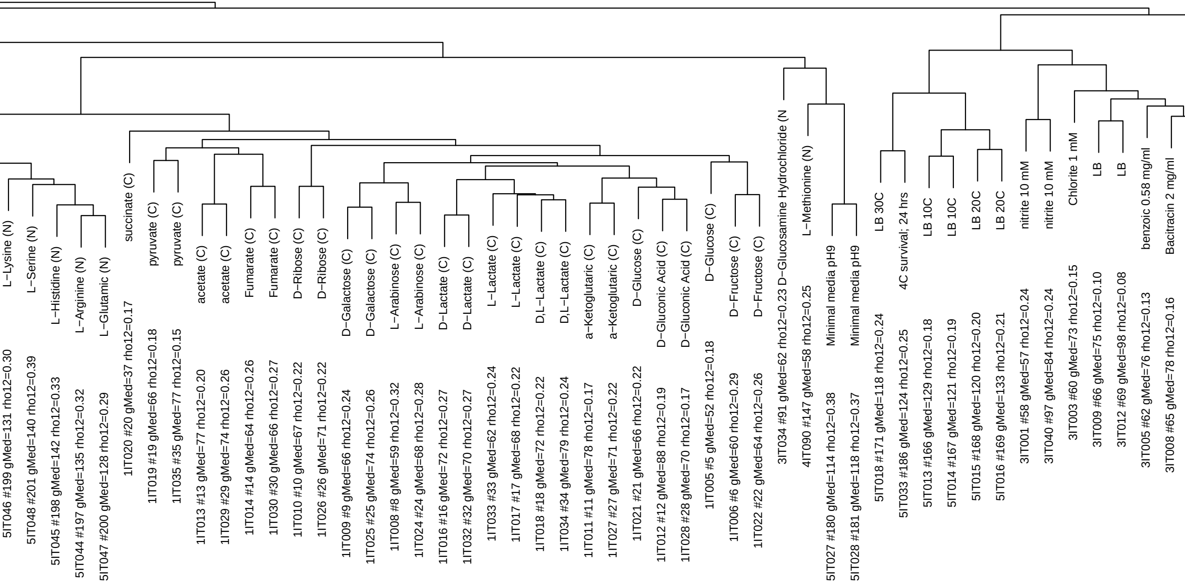
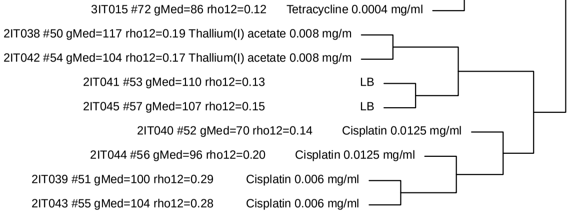

L−Lysine (N)
5IT046 #199 gMed=131 rho12=0.30
L−Serine (N)
5IT048 #201 gMed=140 rho12=0.39
L−Histidine (N)
5IT045 #198 gMed=142 rho12=0.33
L−Arginine (N)
5IT044 #197 gMed=135 rho12=0.32
L−Glutamic (N)
5IT047 #200 gMed=128 rho12=0.29
succinate (C)
1IT020 #20 gMed=37 rho12=0.17
pyruvate (C)
1IT019 #19 gMed=66 rho12=0.18
pyruvate (C)
1IT035 #35 gMed=77 rho12=0.15
acetate (C)
1IT013 #13 gMed=77 rho12=0.20
acetate (C)
1IT029 #29 gMed=74 rho12=0.26
Fumarate (C)
1IT014 #14 gMed=64 rho12=0.26
Fumarate (C)
1IT030 #30 gMed=66 rho12=0.27
D−Ribose (C)
1IT010 #10 gMed=67 rho12=0.22
D−Ribose (C)
1IT026 #26 gMed=71 rho12=0.22
D−Galactose (C)
1IT009 #9 gMed=66 rho12=0.24
D−Galactose (C)
1IT025 #25 gMed=74 rho12=0.26
L−Arabinose (C)
1IT008 #8 gMed=59 rho12=0.32
L−Arabinose (C)
1IT024 #24 gMed=68 rho12=0.28
D−Lactate (C)
1IT016 #16 gMed=72 rho12=0.27
D−Lactate (C)
1IT032 #32 gMed=70 rho12=0.27
L−Lactate (C)
1IT033 #33 gMed=62 rho12=0.24
L−Lactate (C)
1IT017 #17 gMed=68 rho12=0.22
D,L−Lactate (C)
1IT018 #18 gMed=72 rho12=0.22
D,L−Lactate (C)
1IT034 #34 gMed=79 rho12=0.24
a−Ketoglutaric (C)
1IT011 #11 gMed=78 rho12=0.17
a−Ketoglutaric (C)
1IT027 #27 gMed=71 rho12=0.22
D−Glucose (C)
1IT021 #21 gMed=66 rho12=0.22
D−Gluconic Acid (C)
1IT012 #12 gMed=88 rho12=0.19
D−Gluconic Acid (C)
1IT028 #28 gMed=70 rho12=0.17
D−Glucose (C)
1IT005 #5 gMed=52 rho12=0.18
D−Fructose (C)
1IT006 #6 gMed=60 rho12=0.29
D−Fructose (C)
1IT022 #22 gMed=64 rho12=0.26
3IT034 #91 gMed=62 rho12=0.23 D−Glucosamine Hydrochloride (N
L−Methionine (N)
4IT090 #147 gMed=58 rho12=0.25
Minimal media pH9
5IT027 #180 gMed=114 rho12=0.38
Minimal media pH9
5IT028 #181 gMed=118 rho12=0.37
LB 30C
5IT018 #171 gMed=118 rho12=0.24
4C survival; 24 hrs
5IT033 #186 gMed=124 rho12=0.25
LB 10C
5IT013 #166 gMed=129 rho12=0.18
LB 10C
5IT014 #167 gMed=121 rho12=0.19
LB 20C
5IT015 #168 gMed=120 rho12=0.20
LB 20C
5IT016 #169 gMed=133 rho12=0.21
nitrite 10 mM
3IT001 #58 gMed=57 rho12=0.24
nitrite 10 mM
3IT040 #97 gMed=84 rho12=0.24
Chlorite 1 mM
3IT003 #60 gMed=73 rho12=0.15
LB
3IT009 #66 gMed=75 rho12=0.10
LB
3IT012 #69 gMed=98 rho12=0.08
benzoic 0.58 mg/ml
3IT005 #62 gMed=76 rho12=0.13
Bacitracin 2 mg/ml
3IT008 #65 gMed=78 rho12=0.16


3IT015 #72 gMed=86 rho12=0.12 Tetracycline 0.0004 mg/ml
2IT038 #50 gMed=117 rho12=0.19 Thallium(I) acetate 0.008 mg/m
2IT042 #54 gMed=104 rho12=0.17 Thallium(I) acetate 0.008 mg/m
2IT041 #53 gMed=110 rho12=0.13 LB
2IT045 #57 gMed=107 rho12=0.15 LB
2IT040 #52 gMed=70 rho12=0.14 Cisplatin 0.0125 mg/ml
2IT044 #56 gMed=96 rho12=0.20 Cisplatin 0.0125 mg/ml
2IT039 #51 gMed=100 rho12=0.29 Cisplatin 0.006 mg/ml
2IT043 #55 gMed=104 rho12=0.28 Cisplatin 0.006 mg/ml