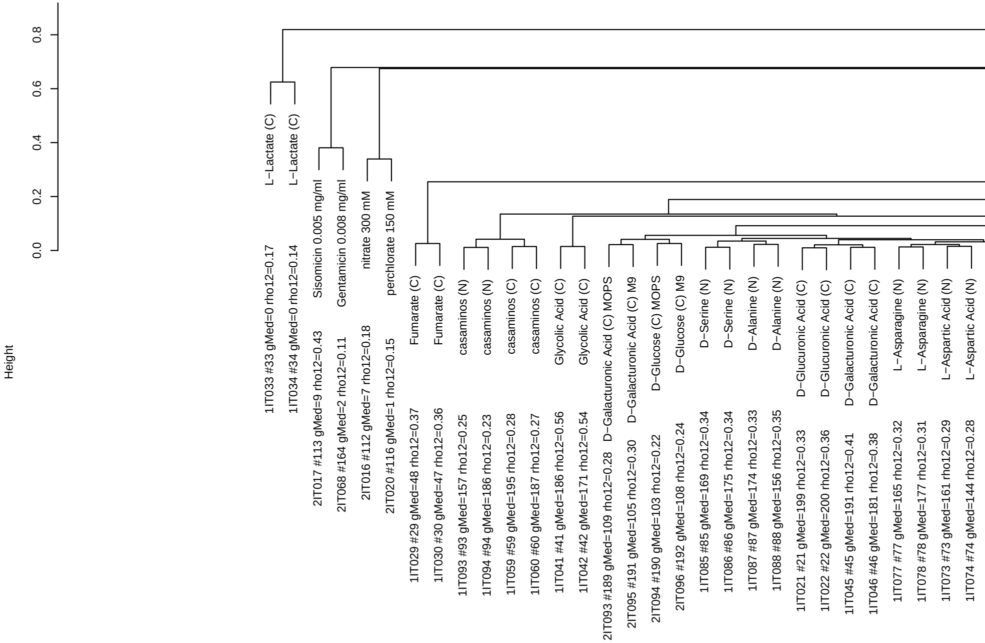
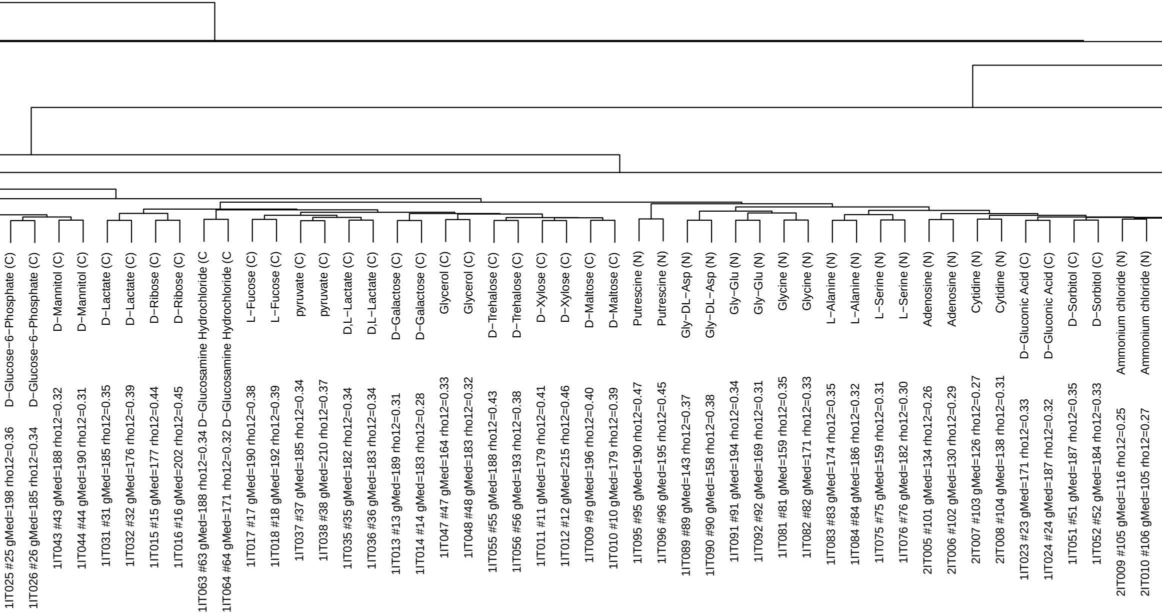
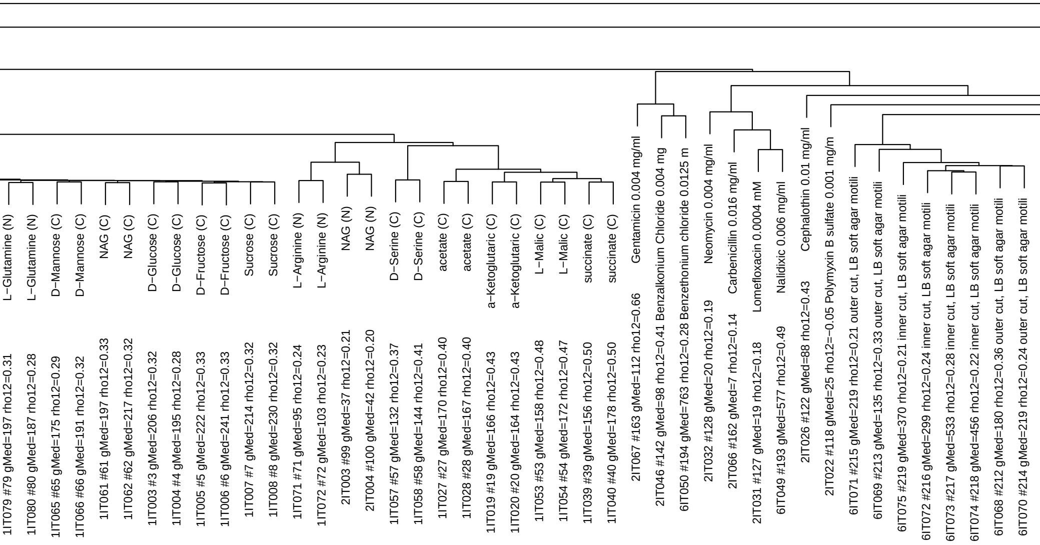
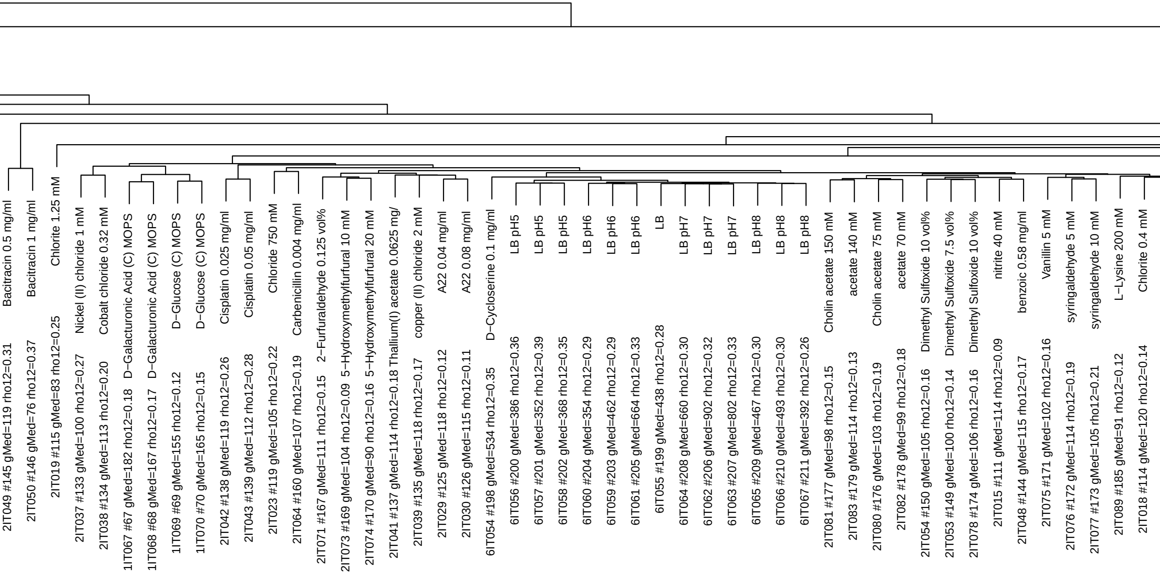
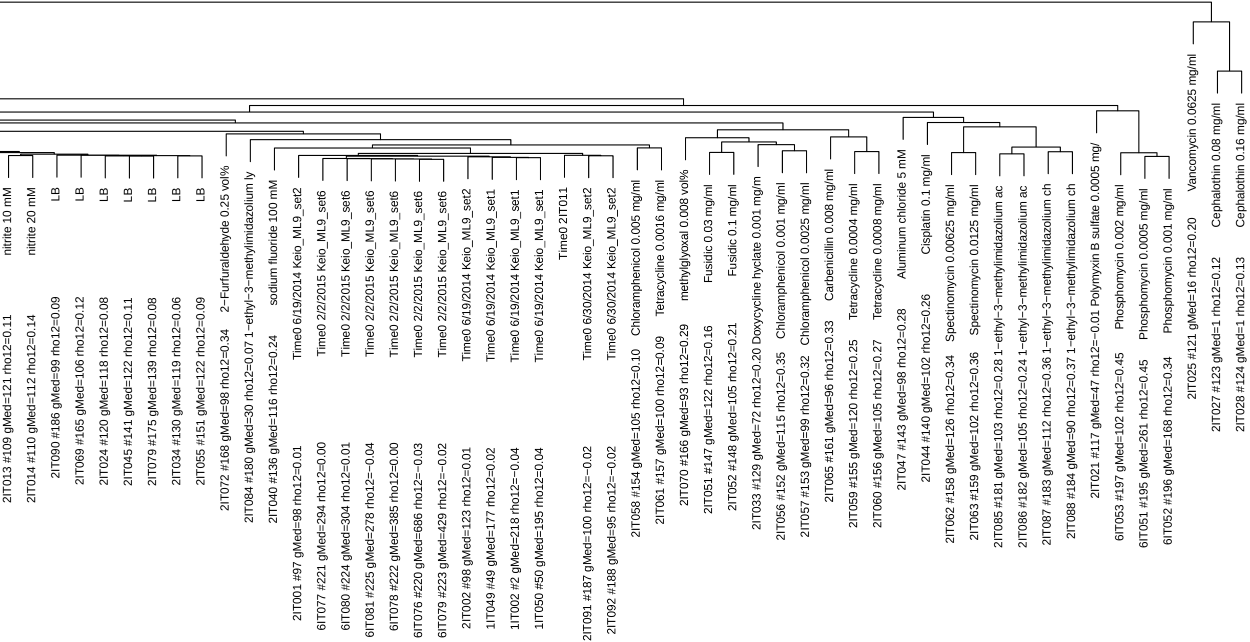






as.dist(1 − cor(log2(1 + fit$gN[fit$gN$locusId %in% fit$genesUsed, −1])))
hclust (*, "complete")


2IT049 #145 gMed=119 rho12=0.31 Bacitracin 0.5 mg/ml
2IT050 #146 gMed=76 rho12=0.37 Bacitracin 1 mg/ml
2IT019 #115 gMed=83 rho12=0.25 Chlorite 1.25 mM
2IT037 #133 gMed=100 rho12=0.27 Nickel (II) chloride 1 mM
2IT038 #134 gMed=113 rho12=0.20 Cobalt chloride 0.32 mM
1IT067 #67 gMed=182 rho12=0.18 D−Galacturonic Acid (C) MOPS
1IT068 #68 gMed=167 rho12=0.17 D−Galacturonic Acid (C) MOPS
1IT069 #69 gMed=155 rho12=0.12 D−Glucose (C) MOPS
1IT070 #70 gMed=165 rho12=0.15 D−Glucose (C) MOPS
2IT042 #138 gMed=119 rho12=0.26 Cisplatin 0.025 mg/ml
2IT043 #139 gMed=112 rho12=0.28 Cisplatin 0.05 mg/ml
2IT023 #119 gMed=105 rho12=0.22 Chloride 750 mM
2IT064 #160 gMed=107 rho12=0.19 Carbenicillin 0.004 mg/ml
2IT071 #167 gMed=111 rho12=0.15 2−Furfuraldehyde 0.125 vol%
2IT073 #169 gMed=104 rho12=0.09 5−Hydroxymethylfurfural 10 mM
2IT074 #170 gMed=90 rho12=0.16 5−Hydroxymethylfurfural 20 mM
2IT041 #137 gMed=114 rho12=0.18 Thallium(I) acetate 0.0625 mg/
2IT039 #135 gMed=118 rho12=0.17 copper (II) chloride 2 mM
2IT029 #125 gMed=118 rho12=0.12 A22 0.04 mg/ml
2IT030 #126 gMed=115 rho12=0.11 A22 0.08 mg/ml
6IT054 #198 gMed=534 rho12=0.35 D−Cycloserine 0.1 mg/ml
6IT056 #200 gMed=386 rho12=0.36 LB pH5
6IT057 #201 gMed=352 rho12=0.39 LB pH5
6IT058 #202 gMed=368 rho12=0.35 LB pH5
6IT060 #204 gMed=354 rho12=0.29 LB pH6
6IT059 #203 gMed=462 rho12=0.29 LB pH6
6IT061 #205 gMed=664 rho12=0.33 LB pH6
6IT055 #199 gMed=438 rho12=0.28 LB
6IT064 #208 gMed=660 rho12=0.30 LB pH7
6IT062 #206 gMed=902 rho12=0.32 LB pH7
6IT063 #207 gMed=802 rho12=0.33 LB pH7
6IT065 #209 gMed=467 rho12=0.30 LB pH8
6IT066 #210 gMed=493 rho12=0.30 LB pH8
6IT067 #211 gMed=392 rho12=0.26 LB pH8
2IT081 #177 gMed=98 rho12=0.15 Cholin acetate 150 mM
2IT083 #179 gMed=114 rho12=0.13 acetate 140 mM
2IT080 #176 gMed=103 rho12=0.19 Cholin acetate 75 mM
2IT082 #178 gMed=99 rho12=0.18 acetate 70 mM
2IT054 #150 gMed=105 rho12=0.16 Dimethyl Sulfoxide 10 vol%
2IT053 #149 gMed=100 rho12=0.14 Dimethyl Sulfoxide 7.5 vol%
2IT078 #174 gMed=106 rho12=0.16 Dimethyl Sulfoxide 10 vol%
2IT015 #111 gMed=114 rho12=0.09 nitrite 40 mM
2IT048 #144 gMed=115 rho12=0.17 benzoic 0.58 mg/ml
2IT075 #171 gMed=102 rho12=0.16 Vanillin 5 mM
2IT076 #172 gMed=114 rho12=0.19 syringaldehyde 5 mM
2IT077 #173 gMed=105 rho12=0.21 syringaldehyde 10 mM
2IT089 #185 gMed=91 rho12=0.12 L−Lysine 200 mM
2IT018 #114 gMed=120 rho12=0.14 Chlorite 0.4 mM


2IT013 #109 gMed=121 rho12=0.11 nitrite 10 mM
2IT014 #110 gMed=112 rho12=0.14 nitrite 20 mM
2IT090 #186 gMed=99 rho12=0.09 LB
2IT069 #165 gMed=106 rho12=0.12 LB
2IT024 #120 gMed=118 rho12=0.08 LB
2IT045 #141 gMed=122 rho12=0.11 LB
2IT079 #175 gMed=139 rho12=0.08 LB
2IT034 #130 gMed=119 rho12=0.06 LB
2IT055 #151 gMed=122 rho12=0.09 LB
2IT072 #168 gMed=98 rho12=0.34 2−Furfuraldehyde 0.25 vol%
2IT084 #180 gMed=30 rho12=0.07 1−ethyl−3−methylimidazolium ly
2IT040 #136 gMed=116 rho12=0.24 sodium fluoride 100 mM
2IT001 #97 gMed=98 rho12=0.01 Time0 6/19/2014 Keio_ML9_set2
6IT077 #221 gMed=294 rho12=0.00 Time0 2/2/2015 Keio_ML9_set6
6IT080 #224 gMed=304 rho12=0.01 Time0 2/2/2015 Keio_ML9_set6
6IT081 #225 gMed=278 rho12=−0.04 Time0 2/2/2015 Keio_ML9_set6
6IT078 #222 gMed=385 rho12=0.00 Time0 2/2/2015 Keio_ML9_set6
6IT076 #220 gMed=686 rho12=−0.03 Time0 2/2/2015 Keio_ML9_set6
6IT079 #223 gMed=429 rho12=−0.02 Time0 2/2/2015 Keio_ML9_set6
2IT002 #98 gMed=123 rho12=0.01 Time0 6/19/2014 Keio_ML9_set2
1IT049 #49 gMed=177 rho12=0.02 Time0 6/19/2014 Keio_ML9_set1
1IT002 #2 gMed=218 rho12=−0.04 Time0 6/19/2014 Keio_ML9_set1
1IT050 #50 gMed=195 rho12=0.04 Time0 6/19/2014 Keio_ML9_set1
Time0 2IT011
2IT091 #187 gMed=100 rho12=−0.02 Time0 6/30/2014 Keio_ML9_set2
2IT092 #188 gMed=95 rho12=−0.02 Time0 6/30/2014 Keio_ML9_set2
2IT058 #154 gMed=105 rho12=0.10 Chloramphenicol 0.005 mg/ml
2IT061 #157 gMed=100 rho12=0.09 Tetracycline 0.0016 mg/ml
2IT070 #166 gMed=93 rho12=0.29 methylglyoxal 0.008 vol%
2IT051 #147 gMed=122 rho12=0.16 Fusidic 0.03 mg/ml
2IT052 #148 gMed=105 rho12=0.21 Fusidic 0.1 mg/ml
2IT033 #129 gMed=72 rho12=0.20 Doxycycline hyclate 0.001 mg/m
2IT056 #152 gMed=115 rho12=0.35 Chloramphenicol 0.001 mg/ml
2IT057 #153 gMed=99 rho12=0.32 Chloramphenicol 0.0025 mg/ml
2IT065 #161 gMed=96 rho12=0.33 Carbenicillin 0.008 mg/ml
2IT059 #155 gMed=120 rho12=0.25 Tetracycline 0.0004 mg/ml
2IT060 #156 gMed=105 rho12=0.27 Tetracycline 0.0008 mg/ml
2IT047 #143 gMed=98 rho12=0.28 Aluminum chloride 5 mM
2IT044 #140 gMed=102 rho12=0.26 Cisplatin 0.1 mg/ml
2IT062 #158 gMed=126 rho12=0.34 Spectinomycin 0.00625 mg/ml
2IT063 #159 gMed=102 rho12=0.36 Spectinomycin 0.0125 mg/ml
2IT085 #181 gMed=103 rho12=0.28 1−ethyl−3−methylimidazolium ac
2IT086 #182 gMed=105 rho12=0.24 1−ethyl−3−methylimidazolium ac
2IT087 #183 gMed=112 rho12=0.36 1−ethyl−3−methylimidazolium ch
2IT088 #184 gMed=90 rho12=0.37 1−ethyl−3−methylimidazolium ch
2IT021 #117 gMed=47 rho12=−0.01 Polymyxin B sulfate 0.0005 mg/
6IT053 #197 gMed=102 rho12=0.45 Phosphomycin 0.002 mg/ml
6IT051 #195 gMed=261 rho12=0.45 Phosphomycin 0.0005 mg/ml
6IT052 #196 gMed=168 rho12=0.34 Phosphomycin 0.001 mg/ml
2IT025 #121 gMed=16 rho12=0.20 Vancomycin 0.0625 mg/ml
2IT027 #123 gMed=1 rho12=0.12 Cephalothin 0.08 mg/ml
2IT028 #124 gMed=1 rho12=0.13 Cephalothin 0.16 mg/ml