
Height
0.0
0.2
0.4
0.6
0.8
1f7033 #33 gMed=0 rho12=0.17
L- Lactate (C)
1f7034 #34 gMed=0 rho12=0.14
L- Lactate (C)
2f7017 #113 gMed=9 rho12=0.43
Sisomicin 0.005 mg/ml
2f7068 #164 gMed=2 rho12=0.11
Gentamicin 0.008 mg/ml
2f7016 #112 gMed=7 rho12=0.18
nitrate 300 mM
2f7020 #116 gMed=1 rho12=0.15
perchlorate 150 mM
1f7029 #29 gMed=48 rho12=0.37
Fumarate (C)
1f7030 #30 gMed=47 rho12=0.36
Fumarate (C)
1f7093 #93 gMed=157 rho12=0.25
casamines (N)
1f7094 #94 gMed=186 rho12=0.23
casamines (N)
1f7059 #59 gMed=195 rho12=0.28
casamines (C)
1f7060 #60 gMed=187 rho12=0.27
casamines (C)
1f7041 #41 gMed=186 rho12=0.56
Glycolic Acid (C)
1f7042 #42 gMed=171 rho12=0.54
Glycolic Acid (C)
2f7093 #189 gMed=109 rho12=0.28
D- Galacturonic Acid (C) MOPS
1f7095 #191 gMed=105 rho12=0.30
D-Galacturonic Acid (C) M9
2f7094 #190 gMed=103 rho12=0.22
D- Glucose (C) MOPS
2f7096 #192 gMed=108 rho12=0.24
D- Glucose (C) M9
1f7085 #85 gMed=169 rho12=0.34
D- Serine (N)
1f7086 #86 gMed=175 rho12=0.34
D- Serine (N)
1f7087 #87 gMed=174 rho12=0.33
D- Alanine (N)
1f7088 #88 gMed=156 rho12=0.35
D- Alanine (N)
1f7021 #21 gMed=199 rho12=0.33
D- Glucuronic Acid (C)
1f7022 #22 gMed=200 rho12=0.36
D- Glucuronic Acid (C)
1f7045 #45 gMed=191 rho12=0.41
D- Galacturonic Acid (C)
1f7046 #46 gMed=181 rho12=0.38
D- Galacturonic Acid (C)
1f7077 #77 gMed=165 rho12=0.32
L- Asparagine (N)
1f7078 #78 gMed=177 rho12=0.31
L- Asparagine (N)
1f7073 #73 gMed=161 rho12=0.29
L- Aspartic Acid (N)
1f7074 #74 gMed=144 rho12=0.28
L- Aspartic Acid (N)
1f7025 #25 gMed=198 rho12=0.36
D- Glucose -6- Phosphate (C)
1f7026 #26 gMed=185 rho12=0.34
D- Glucose -6- Phosphate (C)
1f7043 #43 gMed=188 rho12=0.32
D- Mannitol (C)
1f7044 #44 gMed=190 rho12=0.31
D- Mannitol (C)
1f7031 #31 gMed=185 rho12=0.35
D- Lactate (C)
1f7032 #32 gMed=176 rho12=0.39
D- Lactate (C)
1f7015 #15 gMed=177 rho12=0.44
D- Ribose (C)
1f7016 #16 gMed=202 rho12=0.45
D- Ribose (C)
1f7063 #63 gMed=188 rho12=0.34
D- Glucosamine Hydrochloride (C
1f7064 #64 gMed=171 rho12=0.32
D- Glucosamine Hydrochloride (C
1f7017 #17 gMed=190 rho12=0.38
L- Fucose (C)
1f7018 #18 gMed=192 rho12=0.39
L- Fucose (C)
1f7037 #37 gMed=185 rho12=0.34
pyruvate (C)
1f7038 #38 gMed=210 rho12=0.37
pyruvate (C)
1f7035 #35 gMed=182 rho12=0.34
D/L- Lactate (C)
1f7036 #36 gMed=183 rho12=0.34
D/L- Lactate (C)
1f7013 #13 gMed=189 rho12=0.31
D- Galactose (C)
1f7014 #14 gMed=183 rho12=0.28
D- Galactose (C)
1f7047 #47 gMed=164 rho12=0.33
Glycerol (C)
1f7048 #48 gMed=183 rho12=0.32
Glycerol (C)
1f7055 #55 gMed=188 rho12=0.43
D- Trehalose (C)
1f7056 #56 gMed=193 rho12=0.38
D- Trehalose (C)
1f7011 #11 gMed=179 rho12=0.41
D- Xylose (C)
1f7012 #12 gMed=215 rho12=0.46
D- Xylose (C)
1f7009 #9 gMed=196 rho12=0.40
D- Maltose (C)
1f7010 #10 gMed=179 rho12=0.39
D- Maltose (C)
1f7095 #95 gMed=190 rho12=0.47
Putrescine (N)
1f7096 #96 gMed=195 rho12=0.45
Putrescine (N)
1f7089 #89 gMed=143 rho12=0.37
Gly- GL- Asp (N)
1f7090 #90 gMed=158 rho12=0.38
Gly- GL- Asp (N)
1f7091 #91 gMed=194 rho12=0.34
Gly- Glu (N)
1f7092 #92 gMed=169 rho12=0.31
Gly- Glu (N)
1f7081 #81 gMed=159 rho12=0.35
Glycine (N)
1f7082 #82 gMed=171 rho12=0.33
Glycine (N)
1f7083 #83 gMed=174 rho12=0.35
L- Alanine (N)
1f7084 #84 gMed=186 rho12=0.32
L- Alanine (N)
1f7075 #75 gMed=159 rho12=0.31
L- Serine (N)
1f7076 #76 gMed=182 rho12=0.30
L- Serine (N)
2f7005 #101 gMed=134 rho12=0.26
Adenosine (N)
2f7006 #102 gMed=130 rho12=0.29
Adenosine (N)
2f7007 #103 gMed=126 rho12=0.27
Cytidine (N)
2f7008 #104 gMed=138 rho12=0.31
Cytidine (N)
1f7023 #23 gMed=171 rho12=0.33
D- Glucuronic Acid (C)
1f7024 #24 gMed=187 rho12=0.32
D- Glucuronic Acid (C)
1f7051 #51 gMed=187 rho12=0.35
D- Sorbitol (C)
1f7052 #52 gMed=184 rho12=0.33
D- Sorbitol (C)
2f7009 #105 gMed=116 rho12=0.25
Ammonium chloride (N)
2f7010 #106 gMed=105 rho12=0.27
Ammonium chloride (N)
1f7079 #79 gMed=197 rho12=0.31
L- Glutamine (N)
1f7080 #80 gMed=187 rho12=0.28
L- Glutamine (N)
1f7065 #65 gMed=175 rho12=0.29
D- Mannose (C)
1f7066 #66 gMed=191 rho12=0.32
D- Mannose (C)
1f7061 #61 gMed=197 rho12=0.33
NAG (C)
1f7062 #62 gMed=217 rho12=0.32
NAG (C)
1f7003 #3 gMed=206 rho12=0.32
D- Glucose (C)
1f7004 #4 gMed=195 rho12=0.28
D- Glucose (C)
1f7005 #5 gMed=222 rho12=0.33
D- Fructose (C)
1f7006 #6 gMed=241 rho12=0.33
D- Fructose (C)
1f7007 #7 gMed=214 rho12=0.32
Sucrose (C)
1f7008 #8 gMed=230 rho12=0.32
Sucrose (C)
1f7071 #71 gMed=95 rho12=0.24
L- Arginine (N)
1f7072 #72 gMed=103 rho12=0.23
L- Arginine (N)
2f7003 #99 gMed=37 rho12=0.21
NAG (N)
2f7004 #100 gMed=42 rho12=0.20
NAG (N)
1f7057 #57 gMed=132 rho12=0.37
D- Serine (C)
1f7058 #58 gMed=144 rho12=0.41
D- Serine (C)
1f7027 #27 gMed=170 rho12=0.40
acetate (C)
1f7028 #28 gMed=167 rho12=0.40
acetate (C)
1f7019 #19 gMed=166 rho12=0.43
a- Ketoglutaric (C)
1f7020 #20 gMed=164 rho12=0.43
a- Ketoglutaric (C)
1f7053 #53 gMed=158 rho12=0.48
L- Malic (C)
1f7054 #54 gMed=172 rho12=0.47
L- Malic (C)
1f7039 #39 gMed=156 rho12=0.50
succinate (C)
1f7040 #40 gMed=178 rho12=0.50
succinate (C)
2f7067 #163 gMed=112 rho12=0.66
Gentamicin 0.004 mg/ml
2f7046 #142 gMed=98 rho12=0.41
Benzalkonium Chloride 0.004 mg
1f7050 #194 gMed=763 rho12=0.28
Benzethonium chloride 0.0125 m
2f7032 #128 gMed=20 rho12=0.19
Neomycin 0.004 mg/ml
2f7066 #162 gMed=7 rho12=0.14
Carbenicillin 0.016 mg/ml
2f7031 #127 gMed=19 rho12=0.18
Lomefloxacin 0.0004 mM
1f7049 #193 gMed=577 rho12=0.49
Nalidixic 0.006 mg/ml
2f7026 #122 gMed=88 rho12=0.43
Cephalothin 0.01 mg/ml
2f7022 #118 gMed=25 rho12=0.05
Polymyxin B sulfate 0.001 mg/m
1f7071 #215 gMed=219 rho12=0.21
outer cut, LB soft agar motili
1f7069 #213 gMed=135 rho12=0.33
outer cut, LB soft agar motili
1f7075 #219 gMed=370 rho12=0.21
inner cut, LB soft agar motili
1f7072 #216 gMed=299 rho12=0.24
inner cut, LB soft agar motili
1f7073 #217 gMed=533 rho12=0.28
inner cut, LB soft agar motili
1f7074 #218 gMed=456 rho12=0.22
inner cut, LB soft agar motili
1f7068 #212 gMed=180 rho12=0.36
outer cut, LB soft agar motili
1f7070 #214 gMed=219 rho12=0.24
outer cut, LB soft agar motili
2f7049 #145 gMed=119 rho12=0.31
Bacitracin 0.5 mg/ml
2f7050 #146 gMed=76 rho12=0.37
Bacitracin 1 mg/ml
2f7019 #115 gMed=83 rho12=0.25
Chloride 1.25 mM
2f7037 #133 gMed=100 rho12=0.27
Nickel (II) chloride 1 mM
2f7038 #134 gMed=113 rho12=0.20
Cobalt chloride 0.32 mM
1f7067 #67 gMed=182 rho12=0.18
D- Galacturonic Acid (C) MOPS
1f7068 #68 gMed=167 rho12=0.17
D- Galacturonic Acid (C) MOPS
1f7069 #69 gMed=155 rho12=0.12
D- Glucose (C) MOPS
1f7070 #70 gMed=165 rho12=0.15
D- Glucose (C) MOPS
2f7042 #138 gMed=119 rho12=0.26
Cisplatin 0.025 mg/ml
2f7043 #139 gMed=112 rho12=0.28
Cisplatin 0.05 mg/ml
2f7023 #119 gMed=105 rho12=0.22
Chloride 750 mM
2f7064 #160 gMed=107 rho12=0.19
Carbenicillin 0.004 mg/ml
2f7071 #167 gMed=111 rho12=0.15
2-Furfuraldehyde 0.125 vol%
2f7073 #169 gMed=104 rho12=0.09
5-Hydroxymethylfurfural 10 mM
2f7074 #170 gMed=90 rho12=0.16
5-Hydroxymethylfurfural 20 mM
2f7041 #137 gMed=114 rho12=0.19
Thallium(I) acetate 0.0625 mg/
2f7039 #139 gMed=118 rho12=0.17
copper (II) chloride 2 mM
2f7030 #125 gMed=118 rho12=0.12
AZ2 0.04 mg/ml
2f7030 #126 gMed=115 rho12=0.11
AZ2 0.08 mg/ml
2f7054 #198 gMed=534 rho12=0.35
D- Cycloserine 0.1 mg/ml
1f7056 #200 gMed=386 rho12=0.36
LB pH6
1f7057 #201 gMed=352 rho12=0.39
LB pH5
1f7058 #202 gMed=368 rho12=0.35
LB pH5
1f7060 #204 gMed=354 rho12=0.29
LB pH5
1f7059 #203 gMed=462 rho12=0.29
LB pH5
1f7061 #205 gMed=664 rho12=0.33
LB pH6
1f7055 #199 gMed=438 rho12=0.28
LB
1f7064 #208 gMed=660 rho12=0.30
LB pH7
1f7062 #206 gMed=902 rho12=0.32
LB pH7
1f7063 #207 gMed=802 rho12=0.33
LB pH7
1f7065 #209 gMed=467 rho12=0.30
LB pH8
1f7066 #210 gMed=493 rho12=0.30
LB pH8
1f7067 #211 gMed=392 rho12=0.26
LB pH8
2f7081 #177 gMed=98 rho12=0.15
Cholin acetate 150 mM
2f7083 #179 gMed=114 rho12=0.13
acetate 140 mM
2f7080 #176 gMed=103 rho12=0.19
Cholin acetate 75 mM
2f7082 #178 gMed=99 rho12=0.18
acetate 70 mM
2f7054 #156 gMed=105 rho12=0.16
Dimethyl Sulfoxide 10 vol%
2f7053 #149 gMed=100 rho12=0.14
Dimethyl Sulfoxide 7.5 vol%
2f7078 #174 gMed=106 rho12=0.16
Dimethyl Sulfoxide 10 vol%
2f7015 #111 gMed=114 rho12=0.09
nitrite 40 mM
2f7048 #146 gMed=115 rho12=0.17
benzoic 0.8 mg/ml
2f7075 #171 gMed=102 rho12=0.16
Vanillin 5 mM
2f7076 #172 gMed=114 rho12=0.19
syringaldehyde 5 mM
2f7077 #173 gMed=105 rho12=0.21
syringaldehyde 10 mM
2f7069 #185 gMed=91 rho12=0.12
L-Lysine 200 mM
2f7018 #114 gMed=120 rho12=0.14
Chloride 0.4 mM
2f7013 #109 gMed=121 rho12=0.11
nitrite 10 mM
2f7014 #110 gMed=112 rho12=0.14
nitrite 20 mM
2f7080 #198 gMed=99 rho12=0.09
LB
2f7069 #165 gMed=106 rho12=0.12
LB
2f7024 #120 gMed=118 rho12=0.08
LB
2f7045 #141 gMed=122 rho12=0.11
LB
2f7079 #175 gMed=139 rho12=0.08
LB
2f7034 #130 gMed=119 rho12=0.06
LB
2f7055 #151 gMed=122 rho12=0.09
LB
2f7072 #168 gMed=98 rho12=0.34
2- Furfuraldehyde 0.25 vol%
2f7084 #180 gMed=30 rho12=0.07
1- ethyl- 3- methylimidazolium ty
2f7060 #136 gMed=116 rho12=0.24
sodium fluoride 100 mM
2f7001 #97 gMed=98 rho12=0.01
Time0 6/19/2014 Keio_ML9_set2
2f7077 #221 gMed=294 rho12=0.00
Time0 2/2/2015 Keio_ML9_set6
2f7080 #224 gMed=304 rho12=0.01
Time0 2/2/2015 Keio_ML9_set6
2f7081 #225 gMed=278 rho12=-0.04
Time0 2/2/2015 Keio_ML9_set6
2f7078 #222 gMed=385 rho12=0.00
Time0 2/2/2015 Keio_ML9_set6
2f7076 #220 gMed=686 rho12=-0.03
Time0 2/2/2015 Keio_ML9_set6
2f7079 #223 gMed=429 rho12=-0.02
Time0 2/2/2015 Keio_ML9_set6
2f7002 #98 gMed=123 rho12=0.01
Time0 6/19/2014 Keio_ML9_set1
1f7049 #49 gMed=177 rho12=0.02
Time0 6/19/2014 Keio_ML9_set1
1f7002 #2 gMed=218 rho12=-0.04
Time0 6/19/2014 Keio_ML9_set1
1f7050 #50 gMed=195 rho12=0.04
Time0 6/19/2014 Keio_ML9_set1
Time0 2/7/11
2f7091 #187 gMed=100 rho12=-0.02
Time0 6/30/2014 Keio_ML9_set2
2f7092 #188 gMed=95 rho12=-0.02
Time0 6/30/2014 Keio_ML9_set2
2f7058 #154 gMed=105 rho12=0.10
Chloramphenicol 0.005 mg/ml
2f7057 #157 gMed=100 rho12=0.09
Tetracycline 0.0016 mg/ml
2f7070 #166 gMed=93 rho12=0.29
methylglyoxal 0.008 vol%
2f7051 #147 gMed=122 rho12=0.16
Fusidic 0.03 mg/ml
2f7052 #148 gMed=105 rho12=0.21
Fusidic 0.1 mg/ml
2f7033 #129 gMed=72 rho12=0.20
Doxycycline hyclate 0.001 mg/m
2f7056 #153 gMed=115 rho12=0.35
Chloramphenicol 0.002 mg/ml
2f7057 #153 gMed=99 rho12=0.32
Chloramphenicol 0.0025 mg/ml
2f7065 #161 gMed=96 rho12=0.33
Carbenicillin 0.008 mg/ml
2f7059 #155 gMed=120 rho12=0.25
Tetracycline 0.0004 mg/ml
2f7060 #156 gMed=105 rho12=0.27
Tetracycline 0.0008 mg/ml
2f7047 #143 gMed=98 rho12=0.28
Aluminum chloride 5 mM
2f7044 #140 gMed=102 rho12=0.26
Cisplatin 0.1 mg/ml
2f7062 #158 gMed=126 rho12=0.34
Spectinomycin 0.00625 mg/ml
2f7063 #159 gMed=102 rho12=0.36
Spectinomycin 0.0125 mg/ml
2f7085 #181 gMed=103 rho12=0.28
1- ethyl- 3- methylimidazolium ac
2f7086 #182 gMed=105 rho12=0.24
1- ethyl- 3- methylimidazolium ac
2f7087 #183 gMed=112 rho12=0.36
1- ethyl- 3- methylimidazolium ch
2f7088 #184 gMed=90 rho12=0.37
1- ethyl- 3- methylimidazolium ch
2f7021 #117 gMed=47 rho12=-0.01
Polymyxin B sulfate 0.0005 mg/
2f7053 #197 gMed=102 rho12=0.45
Phosphomycin 0.002 mg/ml
2f7051 #195 gMed=261 rho12=0.45
Phosphomycin 0.0005 mg/ml
2f7052 #196 gMed=168 rho12=0.34
Phosphomycin 0.001 mg/ml
2f7025 #121 gMed=16 rho12=0.20
Vancomycin 0.0625 mg/ml
2f7027 #123 gMed=1 rho12=0.12
Cephalothin 0.08 mg/ml
2f7028 #124 gMed=1 rho12=0.13
Cephalothin 0.16 mg/ml
Ward's minimum variance
Euclidean distance
Complete linkage
Reproducibility: 1.000