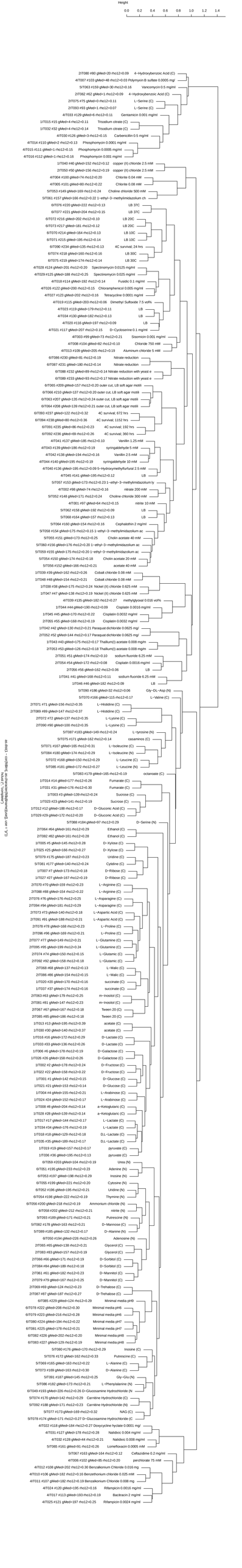
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2IT080 #80 gMedi=20 mol:2=0.09 4–Hydroxybenzoic Acid (C)
4IT007 #103 gMed=48 mol:2=0.03 Polymyxin B sulfate 0.0005 mg/
5IT063 #159 gMed=30 mol:2=0.16 Vancomycin 0.5 mg/ml
2IT062 #62 gMed=1 mol:2=0.09 4–Hydroxybenzoic Acid (C)
2IT075 #75 gMed=0 mol:2=0.11 L–Serine (C)
2IT093 #93 gMed=1 mol:2=0.07 L–Serine (C)
4IT033 #129 gMed=6 mol:2=0.11 Gentamicin 0.001 mg/ml
1IT015 #15 gMed=4 mol:2=0.11 Trisodium citrate (C)
1IT032 #32 gMed=4 mol:2=0.14 Trisodium citrate (C)
4IT030 #126 gMed=3 mol:2=0.15 Carbenicillin 0.5 mg/ml
4IT014 #110 gMed=2 mol:2=0.13 Phosphomycin 0.0001 mg/ml
4IT015 #111 gMed=1 mol:2=0.15 Phosphomycin 0.0005 mg/ml
4IT016 #112 gMed=1 mol:2=0.16 Phosphomycin 0.001 mg/ml
1IT040 #40 gMed=152 mol:2=0.12 copper (II) chloride 2.5 mM
2IT050 #50 gMed=156 mol:2=0.19 copper (II) chloride 2.5 mM
4IT004 #100 gMed=74 mol:2=0.20 Chloride 0.04 mM
4IT005 #101 gMed=80 mol:2=0.22 Chloride 0.08 mM
5IT053 #149 gMed=169 mol:2=0.24 Choline chloride 500 mM
5IT061 #157 gMed=166 mol:2=0.22 1–ethyl–3–methylimidazolium ch
6IT005 #220 gMed=222 mol:2=0.13 LB 37C
6IT007 #221 gMed=204 mol:2=0.15 LB 37C
6IT072 #216 gMed=202 mol:2=0.10 LB 20C
6IT073 #217 gMed=181 mol:2=0.12 LB 20C
6IT070 #214 gMed=164 mol:2=0.13 LB 10C
6IT071 #215 gMed=195 mol:2=0.14 LB 10C
6IT090 #234 gMed=135 mol:2=0.13 4C survivel: 24 hrs
6IT074 #218 gMed=160 mol:2=0.16 LB 30C
6IT075 #219 gMed=174 mol:2=0.14 LB 30C
4IT028 #124 gMed=201 mol:2=0.20 Spectinomycin 0.0125 mg/ml
4IT029 #125 gMed=188 mol:2=0.25 Spectinomycin 0.025 mg/ml
4IT018 #114 gMed=192 mol:2=0.14 Fusidic 0.1 mg/ml
4IT026 #122 gMed=200 mol:2=0.15 Chloramphenicol 0.005 mg/ml
4IT027 #123 gMed=202 mol:2=0.16 Tetracycline 0.0001 mg/ml
4IT019 #115 gMed=203 mol:2=0.06 Dimethyl Sulfoxide 7.5 vol%
4IT023 #119 gMed=179 mol:2=0.11 LB
4IT034 #130 gMed=182 mol:2=0.13 LB
4IT020 #116 gMed=197 mol:2=0.09 LB
4IT021 #117 gMed=207 mol:2=0.15 D–Cycloserine 0.1 mg/ml
4IT003 #99 gMed=73 mol:2=0.21 Sisomicin 0.001 mg/ml
4IT008 #104 gMed=82 mol:2=0.10 Chloride 750 mM
4IT013 #109 gMed=205 mol:2=0.19 Aluminum chloride 5 mM
6IT086 #230 gMed=81 mol:2=0.19 Nitrate reduction
6IT087 #231 gMed=180 mol:2=0.14 Nitrate reduction
6IT088 #232 gMed=89 mol:2=0.14 Nitrate reduction with yeast e
6IT089 #233 gMed=93 mol:2=0.17 Nitrate reduction with yeast e
6IT065 #209 gMed=157 mol:2=0.20 outer cut, LB soft agar motili
6IT066 #210 gMed=137 mol:2=0.20 outer cut, LB soft agar motili
6IT063 #207 gMed=135 mol:2=0.24 outer cut, LB soft agar motili
6IT064 #208 gMed=139 mol:2=0.21 outer cut, LB soft agar motili
6IT093 #237 gMed=122 mol:2=0.32 4C survival: 672 hrs
6IT094 #238 gMed=80 mol:2=0.36 4C survival: 1152 hrs
6IT091 #235 gMed=86 mol:2=0.23 4C survival: 192 hrs
6IT092 #236 gMed=69 mol:2=0.26 4C survival: 360 hrs
4IT041 #137 gMed=185 mol:2=0.10 Vanillin 1.25 mM
4IT043 #139 gMed=186 mol:2=0.19 syringaldehyde 5 mM
4IT042 #138 gMed=194 mol:2=0.16 Vanillin 2.5 mM
4IT044 #140 gMed=195 mol:2=0.19 syringaldehyde 10 mM
4IT040 #136 gMed=195 mol:2=0.09 5–Hydroxymethylfurfural 2.5 mM
4IT045 #141 gMed=195 mol:2=0.12 LB
5IT057 #153 gMed=173 mol:2=0.23 1–ethyl–3–methylimidazolium ly
4IT002 #98 gMed=74 mol:2=0.16 nitrate 200 mM
5IT052 #148 gMed=171 mol:2=0.24 Choline chloride 300 mM
4IT001 #97 gMed=64 mol:2=0.15 nitrite 10 mM
5IT062 #158 gMed=182 mol:2=0.09 LB
5IT068 #164 gMed=157 mol:2=0.13 LB
5IT064 #160 gMed=154 mol:2=0.16 Cephalothin 2 mg/ml
5IT058 #154 gMed=175 mol:2=0.15 1–ethyl–3–methylimidazolium ac
5IT055 #151 gMed=173 mol:2=0.25 Cholin acetate 40 mM
5IT060 #156 gMed=176 mol:2=0.20 1–ethyl–3–methylimidazolium ac
5IT059 #155 gMed=175 mol:2=0.20 1–ethyl–3–methylimidazolium ac
5IT054 #150 gMed=174 mol:2=0.18 Cholin acetate 20 mM
5IT056 #152 gMed=166 mol:2=0.21 acetate 40 mM
1IT039 #39 gMed=162 mol:2=0.26 Cobalt chloride 0.08 mM
1IT048 #48 gMed=154 mol:2=0.21 Cobalt chloride 0.08 mM
1IT038 #38 gMed=175 mol:2=0.24 Nickel (II) chloride 0.625 mM
1IT047 #47 gMed=138 mol:2=0.19 Nickel (II) chloride 0.625 mM
4IT039 #135 gMed=182 mol:2=0.27 methylglyoxal 0.016 vol%
1IT044 #44 gMed=190 mol:2=0.09 Cisplatin 0.0016 mg/ml
1IT045 #45 gMed=170 mol:2=0.22 Cisplatin 0.0032 mg/ml
1IT055 #55 gMed=168 mol:2=0.19 Cisplatin 0.0032 mg/ml
1IT042 #42 gMed=130 mol:2=0.21 Paraquat dichloride 0.0625 mg/
2IT052 #52 gMed=144 mol:2=0.17 Paraquat dichloride 0.0625 mg/
1IT043 #43 gMed=175 mol:2=0.17 Thallium(I) acetate 0.008 mg/m
2IT053 #53 gMed=126 mol:2=0.18 Thallium(I) acetate 0.008 mg/m
2IT051 #51 gMed=174 mol:2=0.10 sodium fluoride 6.25 mM
2IT054 #54 gMed=172 mol:2=0.08 Cisplatin 0.0016 mg/ml
2IT056 #56 gMed=162 mol:2=0.06 LB
1IT041 #41 gMed=168 mol:2=0.11 sodium fluoride 6.25 mM
1IT046 #46 gMed=182 mol:2=0.09 LB
5IT090 #186 gMed=32 mol:2=0.06 Gly–DL–Asp (N)
5IT070 #166 gMed=115 mol:2=0.17 L–Valine (C)
2IT071 #71 gMed=156 mol:2=0.35 L–Histidine (C)
2IT089 #89 gMed=147 mol:2=0.37 L–Histidine (C)
2IT072 #72 gMed=137 mol:2=0.35 L–Lysine (C)
2IT090 #90 gMed=100 mol:2=0.35 L–Lysine (C)
5IT087 #183 gMed=149 mol:2=0.24 L–tyrosine (N)
5IT075 #171 gMed=162 mol:2=0.14 casaminos (C)
5IT071 #167 gMed=165 mol:2=0.31 L–Isoleucine (C)
5IT084 #180 gMed=174 mol:2=0.29 L–Isoleucine (N)
5IT072 #168 gMed=150 mol:2=0.29 L–Leucine (C)
5IT085 #181 gMed=172 mol:2=0.27 L–Leucine (N)
5IT083 #179 gMed=165 mol:2=0.19 octanoate (C)
1IT014 #14 gMed=177 mol:2=0.26 Fumarate (C)
1IT031 #31 gMed=176 mol:2=0.30 Fumarate (C)
1IT003 #3 gMed=139 mol:2=0.24 Sucrose (C)
1IT023 #23 gMed=141 mol:2=0.19 Sucrose (C)
1IT012 #12 gMed=188 mol:2=0.17 D–Gluconic Acid (C)
1IT029 #29 gMed=172 mol:2=0.20 D–Gluconic Acid (C)
5IT088 #184 gMed=97 mol:2=0.29 D–Serine (N)
2IT064 #64 gMed=161 mol:2=0.29 Ethanol (C)
2IT082 #82 gMed=161 mol:2=0.28 Ethanol (C)
1IT005 #5 gMed=145 mol:2=0.28 D–Xylose (C)
1IT025 #25 gMed=166 mol:2=0.27 D–Xylose (C)
5IT079 #175 gMed=187 mol:2=0.23 Uridine (C)
5IT081 #177 gMed=140 mol:2=0.24 Cytidine (C)
1IT007 #7 gMed=173 mol:2=0.18 D–Ribose (C)
1IT027 #27 gMed=167 mol:2=0.19 D–Ribose (C)
2IT070 #70 gMed=159 mol:2=0.23 L–Arginine (C)
2IT088 #88 gMed=154 mol:2=0.22 L–Arginine (C)
2IT076 #76 gMed=176 mol:2=0.25 L–Asparagine (C)
2IT094 #94 gMed=181 mol:2=0.29 L–Asparagine (C)
2IT073 #73 gMed=140 mol:2=0.18 L–Aspartic Acid (C)
2IT091 #91 gMed=188 mol:2=0.21 L–Aspartic Acid (C)
2IT078 #78 gMed=168 mol:2=0.23 L–Proline (C)
2IT096 #96 gMed=169 mol:2=0.21 L–Proline (C)
2IT077 #77 gMed=149 mol:2=0.21 L–Glutamine (C)
2IT095 #95 gMed=199 mol:2=0.24 L–Glutamine (C)
2IT074 #74 gMed=150 mol:2=0.15 L–Glutamic (C)
2IT092 #92 gMed=158 mol:2=0.18 L–Glutamic (C)
2IT068 #68 gMed=137 mol:2=0.13 L–Malic (C)
2IT086 #86 gMed=154 mol:2=0.15 L–Malic (C)
1IT020 #20 gMed=170 mol:2=0.16 succinate (C)
1IT037 #37 gMed=174 mol:2=0.16 succinate (C)
2IT063 #63 gMed=179 mol:2=0.25 m–Inositol (C)
2IT081 #81 gMed=147 mol:2=0.23 m–Inositol (C)
2IT067 #67 gMed=167 mol:2=0.18 Tween 20 (C)
2IT085 #85 gMed=186 mol:2=0.18 Tween 20 (C)
1IT013 #13 gMed=195 mol:2=0.39 acetate (C)
1IT030 #30 gMed=140 mol:2=0.37 acetate (C)
1IT016 #16 gMed=172 mol:2=0.29 D–Lactate (C)
1IT033 #33 gMed=136 mol:2=0.26 D–Lactate (C)
1IT006 #6 gMed=178 mol:2=0.19 D–Galactose (C)
1IT026 #26 gMed=158 mol:2=0.26 D–Galactose (C)
1IT002 #2 gMed=178 mol:2=0.24 D–Fructose (C)
1IT022 #22 gMed=158 mol:2=0.22 D–Fructose (C)
1IT001 #1 gMed=142 mol:2=0.15 D–Glucose (C)
1IT021 #21 gMed=153 mol:2=0.14 D–Glucose (C)
1IT004 #4 gMed=155 mol:2=0.21 L–Arabinose (C)
1IT024 #24 gMed=152 mol:2=0.17 L–Arabinose (C)
1IT008 #8 gMed=204 mol:2=0.14 a–Ketoglutaric (C)
1IT028 #28 gMed=139 mol:2=0.14 a–Ketoglutaric (C)
1IT017 #17 gMed=144 mol:2=0.17 L–Lactate (C)
1IT034 #34 gMed=176 mol:2=0.19 L–Lactate (C)
1IT018 #18 gMed=129 mol:2=0.18 DL–Lactate (C)
1IT035 #35 gMed=189 mol:2=0.17 DL–Lactate (C)
1IT019 #19 gMed=157 mol:2=0.17 pyruvate (C)
1IT036 #36 gMed=195 mol:2=0.13 pyruvate (C)
6IT059 #203 gMed=104 mol:2=0.19 Urea (N)
6IT051 #195 gMed=233 mol:2=0.23 Adenine (N)
6IT053 #197 gMed=198 mol:2=0.29 Inosine (N)
6IT055 #199 gMed=221 mol:2=0.20 Cytosine (N)
6IT052 #196 gMed=195 mol:2=0.21 Uridine (N)
6IT054 #198 gMed=222 mol:2=0.19 Thymine (N)
6IT056 #200 gMed=218 mol:2=0.19 Ammonium chloride (N)
6IT058 #202 gMed=212 mol:2=0.21 nitrite (N)
5IT093 #189 gMed=171 mol:2=0.21 Putrescine (N)
5IT082 #178 gMed=163 mol:2=0.21 D–Mannose (C)
5IT089 #185 gMed=132 mol:2=0.17 D–Alanine (N)
6IT050 #194 gMed=226 mol:2=0.26 Adenosine (N)
2IT065 #65 gMed=138 mol:2=0.21 Glycerol (C)
2IT083 #83 gMed=157 mol:2=0.19 Glycerol (C)
2IT066 #66 gMed=171 mol:2=0.19 D–Sorbitol (C)
2IT084 #84 gMed=189 mol:2=0.18 D–Sorbitol (C)
2IT061 #61 gMed=182 mol:2=0.23 D–Mannitol (C)
2IT079 #79 gMed=167 mol:2=0.25 D–Mannitol (C)
2IT069 #69 gMed=124 mol:2=0.23 D–Trehalose (C)
2IT087 #87 gMed=187 mol:2=0.27 D–Trehalose (C)
6IT085 #229 gMed=124 mol:2=0.29 Minimal media pH7
6IT078 #222 gMed=208 mol:2=0.30 Minimal media pH6
6IT079 #223 gMed=216 mol:2=0.28 Minimal media pH6
6IT080 #224 gMed=194 mol:2=0.22 Minimal media pH7
6IT081 #225 gMed=178 mol:2=0.31 Minimal media pH7
6IT082 #226 gMed=202 mol:2=0.20 Minimal media pH8
6IT083 #227 gMed=129 mol:2=0.19 Minimal media pH8
5IT080 #176 gMed=170 mol:2=0.29 Inosine (C)
5IT076 #172 gMed=162 mol:2=0.33 Putrescine (C)
5IT069 #165 gMed=163 mol:2=0.22 L–Alanine (C)
5IT073 #169 gMed=153 mol:2=0.30 D–Alanine (C)
5IT091 #187 gMed=145 mol:2=0.25 Gly–Gly (N)
5IT086 #182 gMed=173 mol:2=0.21 L–Phenylalanine (N)
6IT049 #193 gMed=226 mol:2=0.26 D–Glucosamine Hydrochloride (N
5IT074 #170 gMed=142 mol:2=0.29 Carnitine Hydrochloride (C)
5IT092 #188 gMed=171 mol:2=0.23 Carnitine Hydrochloride (N)
5IT077 #173 gMed=169 mol:2=0.32 NAG (C)
5IT078 #174 gMed=171 mol:2=0.27 D–Glucosamine Hydrochloride (C
4IT022 #118 gMed=184 mol:2=0.27 Doxycycline hyclate 0.0001 mg/
4IT031 #127 gMed=178 mol:2=0.28 Nalidixic 0.004 mg/ml
4IT032 #128 gMed=44 mol:2=0.21 Nalidixic 0.008 mg/ml
5IT065 #161 gMed=91 mol:2=0.26 Lomefloxacin 0.0005 mM
5IT067 #163 gMed=164 mol:2=0.12 Cefazidime 0.2 mg/ml
4IT006 #102 gMed=85 mol:2=0.20 perchlorate 75 mM
4IT012 #108 gMed=202 mol:2=0.30 Benzalkonium Chloride 0.016 mg
4IT010 #106 gMed=182 mol:2=0.16 Benzethonium chloride 0.025 mM
4IT011 #107 gMed=182 mol:2=0.19 Benzalkonium Chloride 0.008 mg
4IT024 #120 gMed=195 mol:2=0.16 Rifampicin 0.0016 mg/ml
4IT017 #113 gMed=193 mol:2=0.19 Bacitracin 2 mg/ml
4IT025 #121 gMed=197 mol:2=0.25 Rifampicin 0.0024 mg/ml
(L.E. van Bijnen, Specialist Microbiology, Amsterdam – Erasmus
Leiden/Delft, 2 1/2/06)