## Phaeo 1H1 \#1 (gMed=109 rho12=0.192) Time0



## Phaeo 1H2 \#2 (gMed=111 rho12=0.192) Time0



## Phaeo 1H3 \#3 (gMed=150 rho12=0.593) <br> L-Arginine ( N )



## Phaeo 1H4 \#4 (gMed=136 rho12=0.495) L-Histidine ( N )



## Phaeo 1H5 \#5 (gMed=130 rho12=0.666) <br> L-Glutamic ( N )



## Phaeo 1H6 \#6 (gMed=112 rho12=0.306) L-Serine (N)



## Phaeo 1H7 \#7 (gMed=124 rho12=0.343) L-Threonine (N)



## Phaeo 1H8 \#8 (gMed=123 rho12=0.541) L-Asparagine ( N )



## Phaeo 1H9 \#9 (gMed=104 rho12=0.528) L-Glutamine ( N )



## Phaeo 1H10 \#10 (gMed=95 rho12=0.194) Glycine (N)



## Phaeo 1H11 \#11 (gMed=124 rho12=0.757) L-Proline (N)



## Phaeo 1H12 \#12 (gMed=131 rho12=0.748) L-Alanine ( N )



## Phaeo 1H13 \#13 (gMed=120 rho12=0.660) L-Valine (N)



## Phaeo 1H14 \#14 (gMed=84 rho12=0.593) L-Leucine (N)



Phaeo 1H15 \#15 (gMed=118 rho12=0.601)
L-Phenylalanine ( N )


## Phaeo 1H16 \#16 (gMed=144 rho12=0.668) D-Alanine (N)



## Phaeo 1H17 \#17 (gMed=143 rho12=0.795) L-Citrulline ( N )



## Phaeo 1H18 \#18 (gMed=129 rho12=0.560) casaminos (N)



## Phaeo 1H19 \#19 (gMed=107 rho12=0.614) Putrescine (N)



## Phaeo 1H20 \#20 (gMed=123 rho12=0.634) Cytidine (N)



## Phaeo 1H21 \#21 (gMed=125 rho12=0.597) L-Arginine (N)



## Phaeo 1H22 \#22 (gMed=123 rho12=0.524) <br> L-Histidine (N)



## Phaeo 1H23 \#23 (gMed=133 rho12=0.785) L-Glutamic (N)



## Phaeo 1H24 \#24 (gMed=86 rho12=0.310) L-Serine (N)



## Phaeo 1H25 \#25 (gMed=154 rho12=0.407) L-Threonine (N)



## Phaeo 1H26 \#26 (gMed=134 rho12=0.514) L-Asparagine ( N )



## Phaeo 1H27 \#27 (gMed=134 rho12=0.792) L-Glutamine ( N )



## Phaeo 1H28 \#28 (gMed=79 rho12=0.272) Glycine (N)



## Phaeo 1H29 \#29 (gMed=123 rho12=0.563) L-Proline ( N )



## Phaeo 1H30 \#30 (gMed=106 rho12=0.636) L-Alanine ( N )



## Phaeo 1H31 \#31 (gMed=98 rho12=0.568) L-Valine (N)



Phaeo 1H32 \#32 (gMed=109 rho12=0.654)
L-Leucine (N)


## Phaeo 1H34 \#34 (gMed=52 rho12=0.351) D-Alanine (N)



## Phaeo 1H35 \#35 (gMed=135 rho12=0.780) L-Citrulline ( N )



## Phaeo 1H36 \#36 (gMed=126 rho12=0.488) casaminos (N)



## Phaeo 1H37 \#37 (gMed=55 rho12=0.524) Putrescine (N)



## Phaeo 1H38 \#38 (gMed=49 rho12=0.426) Cytidine (N)



## Phaeo 1H39 \#39 (gMed=100 rho12=0.050) Time0



## Phaeo 1H40 \#40 (gMed=84 rho12=0.050) Time0



## Phaeo 1H41 \#41 (gMed=108 rho12=0.297) m.b. Nickel (II) chloride 0.625 mM



## Phaeo 1H42 \#42 (gMed=103 rho12=0.409) m.b. Nickel (II) chloride 1 mM



## Phaeo 1H43 \#43 (gMed=100 rho12=0.168) m.b. Cobalt chloride 0.625 mM



## Phaeo 1H44 \#44 (gMed=28 rho12=0.209) <br> m.b. copper (II) chloride 0.3125 mM



## Phaeo 1H45 \#45 (gMed=25 rho12=0.368) m.b. sodium fluoride 50 mM



Phaeo 1H47 \#47 (gMed=124 rho12=0.240)
m.b. Paraquat dichloride $0.032 \mathrm{mg} / \mathrm{ml}$


Phaeo 1H48 \#48 (gMed=128 rho12=0.384)
m.b. Thallium(l) acetate $0.002 \mathrm{mg} / \mathrm{ml}$


## Phaeo 2H1 \#49 (gMed=190 rho12=0.397) m.b. Cisplatin $0.0125 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H2 \#50 (gMed=222 rho12=0.346) m.b. Cisplatin $0.025 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H3 \#51 (gMed=173 rho12=0.351) m.b. Cisplatin $0.05 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H4 \#52 (gMed=214 rho12=0.392) m.b. Zinc 0.32 mM



## Phaeo 2H5 \#53 (gMed=238 rho12=0.289) marine broth



## Phaeo 2H6 \#54 (gMed=207 rho12=0.251) m.b. nitrate 50 mM



## Phaeo 2H7 \#55 (gMed=237 rho12=0.358) m.b. nitrate 100 mM



## Phaeo 2H8 \#56 (gMed=206 rho12=0.389) m.b. Chlorate 40 mM



## Phaeo 2H9 \#57 (gMed=158 rho12=0.208) m.b. perchlorate 50 mM



## Phaeo 2H10 \#58 (gMed=178 rho12=0.307) m.b. perchlorate 100 mM



## Phaeo 2H11 \#59 (gMed=206 rho12=0.257) <br> m.b. Polymyxin B sulfate 0.0008 mg/ml



## Phaeo 2H12 \#60 (gMed=181 rho12=0.520) marine broth



Phaeo 2H13 \#61 (gMed=158 rho12=0.266)
m.b. Benzalkonium Chloride $0.002 \mathrm{mg} / \mathrm{ml}$


## Phaeo 2H14 \#62 (gMed=47 rho12=0.192) m.b. Benzalkonium Chloride 0.004 mg/ml



## Phaeo 2H15 \#63 (gMed=173 rho12=0.225) m.b. Aluminum chloride 1.25 mM



## Phaeo 2H16 \#64 (gMed=208 rho12=0.195) m.b. benzoic $0.145 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H17 \#65 (gMed=202 rho12=0.327) m.b. Phosphomycin $1 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H18 \#66 (gMed=200 rho12=0.515) m.b. Phosphomycin $2 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H19 \#67 (gMed=202 rho12=0.445) m.b. Bacitracin $0.125 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H20 \#68 (gMed=6 rho12=0.374) m.b. Bacitracin $0.25 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H21 \#69 (gMed=72 rho12=0.254) m.b. Fusidic $0.0002 \mathrm{mg} / \mathrm{ml}$



Phaeo 2H22 \#70 (gMed=166 rho12=0.375)
m.b. Dimethyl Sulfoxide 10 vol\%


## Phaeo 2H23 \#71 (gMed=185 rho12=0.383) marine broth



## Phaeo 2H24 \#72 (gMed=167 rho12=0.338) m.b. Vancomycin $0.032 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H25 \#73 (gMed=203 rho12=0.221) m.b. A22 $0.02 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H26 \#74 (gMed=229 rho12=0.254) m.b. A22 $0.04 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H27 \#75 (gMed=199 rho12=0.245) m.b. Lomefloxacin 0.00078125 mM



## Phaeo 2H28 \#76 (gMed=203 rho12=0.290) m.b. D-Cycloserine $0.0625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H29 \#77 (gMed=178 rho12=0.290) m.b. Doxycycline hyclate 0.001 mg/ml



## Phaeo 2H30 \#78 (gMed=165 rho12=0.200) m.b. Ceftazidime 0.001 mg/ml



## Phaeo 2H31 \#79 (gMed=206 rho12=0.258) marine broth



## Phaeo 2H32 \#80 (gMed=148 rho12=0.024) Time0



## Phaeo 2H33 \#81 (gMed=159 rho12=0.024) Time0



## Phaeo 2H34 \#82 (gMed=145 rho12=0.161) Time0



## Phaeo 2H35 \#83 (gMed=156 rho12=0.161) Time0



Phaeo 2H36 \#84 (gMed=172 rho12=0.372)
m.b. Chloramphenicol $0.0002 \mathrm{mg} / \mathrm{ml}$


## Phaeo 2H37 \#85 (gMed=82 rho12=0.411) <br> m.b. Tetracycline $0.00625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H38 \#86 (gMed=80 rho12=0.291) <br> m.b. Spectinomycin $0.00625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H39 \#87 (gMed=139 rho12=0.367) m.b. Nalidixic $0.008 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H40 \#88 (gMed=118 rho12=0.353) m.b. Nalidixic $0.016 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H41 \#89 (gMed=164 rho12=0.325) m.b. Gentamicin $0.002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H42 \#90 (gMed=145 rho12=0.383) m.b. Gentamicin 0.004 mg/ml



## Phaeo 2H43 \#91 (gMed=149 rho12=0.343) marine broth



## Phaeo 2H44 \#92 (gMed=102 rho12=0.395) m.b. Rifampicin $0.004 \mathrm{mg} / \mathrm{ml}$



## Phaeo 2H45 \#93 (gMed=151 rho12=0.376) m.b. methylglyoxal 0.004 vol\%



# Phaeo 2H46 \#94 (gMed=141 rho12=0.198) m.b. methylglyoxal 0.008 vol\% 



## Phaeo 2H47 \#95 (gMed=185 rho12=0.294) m.b. 2-Furfuraldehyde 0.016 vol\%



Phaeo 2H48 \#96 (gMed=167 rho12=0.258)
m.b. 5-Hydroxymethylfurfural 2.5 mM


## Phaeo 3H1 \#97 (gMed=183 rho12=0.447) Time0



## Phaeo 3H2 \#98 (gMed=208 rho12=0.447) Time0



## Phaeo 3H3 \#99 (gMed=206 rho12=0.298) m.b. Vanillin 1.25 mM



## Phaeo 3H4 \#100 (gMed=208 rho12=0.317) m.b. Furfuryl Alcohol 0.032 vol\%



## Phaeo 3H5 \#101 (gMed=192 rho12=0.250) m.b. Furfuryl Alcohol 0.064 vol\%



## Phaeo 3H6 \#102 (gMed=200 rho12=0.258) m.b. syringaldehyde 1.25 mM



## Phaeo 3H7 \#103 (gMed=276 rho12=0.317) marine broth



## Phaeo 3H8 \#104 (gMed=176 rho12=0.241) D-Glucose (C)



## Phaeo 3H9 \#105 (gMed=130 rho12=0.212) D-Fructose (C)



## Phaeo 3H10 \#106 (gMed=210 rho12=0.270) Sucrose (C)



## Phaeo 3H11 \#107 (gMed=182 rho12=0.359) a-Ketoglutaric (C)



## Phaeo 3H12 \#108 (gMed=63 rho12=0.135) acetate (C)



## Phaeo 3H13 \#109 (gMed=157 rho12=0.206) <br> Fumarate (C)



## Phaeo 3H15 \#111 (gMed=164 rho12=0.323) D-Lactate (C)



## Phaeo 3H16 \#112 (gMed=250 rho12=0.302) L-Lactate (C)



## Phaeo 3H17 \#113 (gMed=177 rho12=0.283) D,L-Lactate (C)



## Phaeo 3H18 \#114 (gMed=173 rho12=0.308) pyruvate (C)



## Phaeo 3H19 \#115 (gMed=187 rho12=0.304) succinate (C)



## Phaeo 3H20 \#116 (gMed=172 rho12=0.271) m-Inositol (C)



## Phaeo 3H21 \#117 (gMed=163 rho12=0.212) Glycerol (C)



## Phaeo 3H22 \#118 (gMed=197 rho12=0.686) L-Malic (C)



## Phaeo 3H23 \#119 (gMed=160 rho12=0.667) <br> L-Glutamic (C)



## Phaeo 3H24 \#120 (gMed=106 rho12=0.141) L-Threonine (C)



## Phaeo 3H25 \#121 (gMed=180 rho12=0.394) <br> L-Glutamine (C)



## Phaeo 3H26 \#122 (gMed=183 rho12=0.283) Glycine (C)



## Phaeo 3H27 \#123 (gMed=182 rho12=0.406) L-Proline (C)



## Phaeo 3H28 \#124 (gMed=161 rho12=0.220) <br> L-Citrulline (C)



## Phaeo 3H29 \#125 (gMed=162 rho12=0.319) casaminos (C)



## Phaeo 3H30 \#126 (gMed=182 rho12=0.229) NAG (C)



## Phaeo 3H31 \#127 (gMed=134 rho12=0.233) D-Glucose (C)



# Phaeo 3H32 \#128 (gMed=126 rho12=0.174) D-Fructose (C) 



## Phaeo 3H33 \#129 (gMed=141 rho12=0.176) Sucrose (C)



## Phaeo 3H34 \#130 (gMed=155 rho12=0.244) a-Ketoglutaric (C)



## Phaeo 3H35 \#131 (gMed=99 rho12=0.207) acetate (C)



## Phaeo 3H36 \#132 (gMed=167 rho12=0.450) Fumarate (C)



# Phaeo 3H38 \#134 (gMed=62 rho12=0.209) D-Lactate (C) 



## Phaeo 3H39 \#135 (gMed=154 rho12=0.300) L-Lactate (C)



# Phaeo 3H40 \#136 (gMed=155 rho12=0.248) D,L-Lactate (C) 



## Phaeo 3H41 \#137 (gMed=171 rho12=0.259) pyruvate (C)



## Phaeo 3H42 \#138 (gMed=169 rho12=0.311) succinate (C)



## Phaeo 3H43 \#139 (gMed=146 rho12=0.280) m-Inositol (C)



## Phaeo 3H44 \#140 (gMed=106 rho12=0.214) Glycerol (C)



## Phaeo 3H45 \#141 (gMed=193 rho12=0.197) L-Malic (C)



## Phaeo 3H46 \#142 (gMed=214 rho12=0.229) L-Glutamic (C)



## Phaeo 3H47 \#143 (gMed=117 rho12=0.115) L-Threonine (C)



# Phaeo 3H48 \#144 (gMed=211 rho12=0.640) L-Glutamine (C) 



## Phaeo 4H1 \#145 (gMed=214 rho12=0.287) Glycine (C)



## Phaeo 4H2 \#146 (gMed=263 rho12=0.247) L-Proline (C)



## Phaeo 4H3 \#147 (gMed=219 rho12=0.296) L-Citrulline (C)



## Phaeo 4H4 \#148 (gMed=222 rho12=0.208) casaminos (C)



## Phaeo 4H5 \#149 (gMed=213 rho12=0.373) NAG (C)



## Phaeo 4H6 \#150 (gMed=230 rho12=0.043) Time0



## Phaeo 4H7 \#151 (gMed=235 rho12=0.043) Time0



## Phaeo 4H8 \#152 (gMed=218 rho12=0.192) m.b. nitrite 6 mM



## Phaeo 4H9 \#153 (gMed=170 rho12=0.210) m.b. nitrite 8 mM



## Phaeo 4H10 \#154 (gMed=221 rho12=0.446) m.b. Sisomicin $0.005 \mathrm{mg} / \mathrm{ml}$



## Phaeo 4H11 \#155 (gMed=198 rho12=0.164) m.b. Chlorite 0.1 mM



## Phaeo 4H12 \#156 (gMed=197 rho12=0.405) <br> m.b. Chlorite 0.25 mM



## Phaeo 4H13 \#157 (gMed=195 rho12=0.214) <br> m.b. Chloride 600 mM



## Phaeo 4H14 \#158 (gMed=137 rho12=0.241) m.b. Benzethonium chloride 0.025 mM



## Phaeo 4H15 \#159 (gMed=150 rho12=0.473) m.b. Cephalothin $0.0001 \mathrm{mg} / \mathrm{ml}$



## Phaeo 4H16 \#160 (gMed=202 rho12=0.030) marine broth



## Phaeo 4H17 \#161 (gMed=110 rho12=0.153) marine broth



## Phaeo 4H18 \#162 (gMed=210 rho12=0.349) marine broth



## Phaeo 4H19 \#163 (gMed=199 rho12=0.144) marine broth pH6.5



## Phaeo 4H20 \#164 (gMed=202 rho12=0.173) marine broth pH6.5



## Phaeo 4H21 \#165 (gMed=170 rho12=0.498) marine broth pH7



## Phaeo 4H22 \#166 (gMed=203 rho12=0.609) marine broth pH7



## Phaeo 4H23 \#167 (gMed=193 rho12=0.208) marine broth pH8



## Phaeo 4H24 \#168 (gMed=174 rho12=0.387) marine broth pH8



## Phaeo 4H25 \#169 (gMed=201 rho12=0.190) marine broth pH9



## Phaeo 4H26 \#170 (gMed=251 rho12=0.536) marine broth pH 9



## Phaeo 4H27 \#171 (gMed=192 rho12=0.471) marine broth tube 10C sample1



## Phaeo 4H28 \#172 (gMed=167 rho12=0.460) marine broth tube 10C sample2



## Phaeo 4H29 \#173 (gMed=174 rho12=0.551) marine broth tube 15C sample1



## Phaeo 4H30 \#174 (gMed=171 rho12=0.302) marine broth tube 15C sample2



## Phaeo 4H31 \#175 (gMed=159 rho12=0.542) marine broth tube 25C sample1



## Phaeo 4H32 \#176 (gMed=129 rho12=0.481) marine broth tube 25C sample2



## Phaeo 4H35 \#179 (gMed=69 rho12=0.137) motility inner



# Phaeo 4H36 \#180 (gMed=67 rho12=0.132) motility inner 



## Phaeo 4H37 \#181 (gMed=33 rho12=0.159) motility inner



## Phaeo 4H38 \#182 (gMed=0 rho12=0.471) motility outer



## Phaeo 4H39 \#183 (gMed=0 rho12=0.470) motility outer



## Phaeo 4H40 \#184 (gMed=0 rho12=0.461) motility outer



## Phaeo AH1 \#185 (gMed=115 rho12=0.507) Time0



## Phaeo AH2 \#186 (gMed=230 rho12=0.507) Time0



## Phaeo AH3 \#187 (gMed=256 rho12=0.610) m.b. Cholin acetate 40 mM



## Phaeo AH4 \#188 (gMed=232 rho12=0.559) m.b. acetate 200 mM



## Phaeo AH5 \#189 (gMed=259 rho12=0.659)

m.b. 1-ethyl-3-methylimidazolium lysine 2 mM


## Phaeo AH6 \#190 (gMed=264 rho12=0.633)

## marine broth



## Phaeo AH7 \#191 (gMed=198 rho12=0.606) m.b. Cholin acetate 40 mM



Phaeo AH9 \#193 (gMed=198 rho12=0.608)
m.b. 1-ethyl-3-methylimidazolium lysine 2 mM


## Phaeo AH10 \#194 (gMed=143 rho12=0.406) marine broth



Phaeo AH11 \#195 (gMed=259 rho12=0.598) m.b. 1-ethyl-3-methylimidazolium acetate 20 mM


Phaeo AH12 \#196 (gMed=258 rho12=0.814) m.b. 1-ethyl-3-methylimidazolium acetate 10 mM


## Phaeo AH13 \#197 (gMed=201 rho12=0.462)

## m.b. 1-ethyl-3-methylimidazolium acetate 5 mM



## Phaeo AH14 \#198 (gMed=159 rho12=0.267) m.b. Choline Lysine 3 mM



## Phaeo AH15 \#199 (gMed=229 rho12=0.648) m.b. L-Lysine 200 mM



## Phaeo AH16 \#200 (gMed=270 rho12=0.543) m.b. L-Lysine 100 mM



## Phaeo AH17 \#201 (gMed=247 rho12=0.467) <br> marine broth



Phaeo AH18 \#202 (gMed=284 rho12=0.657)
m.b. 1-ethyl-3-methylimidazolium acetate 20 mM


## Phaeo AH19 \#203 (gMed=272 rho12=0.568) <br> m.b. 1-ethyl-3-methylimidazolium acetate 10 mM



## Phaeo AH20 \#204 (gMed=261 rho12=0.661)

m.b. 1-ethyl-3-methylimidazolium acetate 5 mM


## Phaeo AH21 \#205 (gMed=292 rho12=0.755) m.b. Choline Lysine 3 mM



## Phaeo AH22 \#206 (gMed=295 rho12=0.465) m.b. L-Lysine 200 mM



## Phaeo AH24 \#208 (gMed=261 rho12=0.798) marine broth



## Phaeo 5H1 \#209 (gMed=267 rho12=0.011) Time0



## Phaeo 5H2 \#210 (gMed=233 rho12=-0.003) Time0



## Phaeo 5H3 \#211 (gMed=361 rho12=-0.012) Time0



## Phaeo 5H4 \#212 (gMed=309 rho12=-0.003) Time0



## Phaeo 5H5 \#213 (gMed=266 rho12=0.351) D-Glucose (C)



## Phaeo 5H6 \#214 (gMed=190 rho12=0.339) D-Glucose (C)



## Phaeo 5H7 \#215 (gMed=302 rho12=0.297) D-Fructose (C)



## Phaeo 5H8 \#216 (gMed=260 rho12=0.303) D-Fructose (C)



## Phaeo 5H9 \#217 (gMed=145 rho12=0.322) Sucrose (C)



## Phaeo 5H10 \#218 (gMed=230 rho12=0.340) Sucrose (C)



## Phaeo 5H11 \#219 (gMed=105 rho12=0.267) D-Xylose (C)



## Phaeo 5H12 \#220 (gMed=117 rho12=0.299) D-Xylose (C)



## Phaeo 5H13 \#221 (gMed=211 rho12=0.373) a-Ketoglutaric (C)



## Phaeo 5H14 \#222 (gMed=159 rho12=0.319) a-Ketoglutaric (C)



## Phaeo 5H15 \#223 (gMed=252 rho12=0.233) acetate (C)



## Phaeo 5H16 \#224 (gMed=277 rho12=0.260) acetate (C)



## Phaeo 5H17 \#225 (gMed=225 rho12=0.276) Fumarate (C)



## Phaeo 5H18 \#226 (gMed=234 rho12=0.263) Fumarate (C)



## Phaeo 5H19 \#227 (gMed=230 rho12=0.310) D-Cellobiose (C)



## Phaeo 5H20 \#228 (gMed=233 rho12=0.311) D-Cellobiose (C)



## Phaeo 5H21 \#229 (gMed=207 rho12=0.329) Trisodium citrate (C)



## Phaeo 5H22 \#230 (gMed=290 rho12=0.344) <br> Trisodium citrate (C)



## Phaeo 5H23 \#231 (gMed=170 rho12=0.296) L-Lactate (C)



## Phaeo 5H24 \#232 (gMed=165 rho12=0.305) L-Lactate (C)



## Phaeo 5H25 \#233 (gMed=223 rho12=0.293) D,L-Lactate (C)



## Phaeo 5H26 \#234 (gMed=207 rho12=0.281) D,L-Lactate (C)



## Phaeo 5H27 \#235 (gMed=166 rho12=0.373) pyruvate (C)



## Phaeo 5H28 \#236 (gMed=168 rho12=0.362) pyruvate (C)



## Phaeo 5H29 \#237 (gMed=214 rho12=0.259) succinate (C)



## Phaeo 5H30 \#238 (gMed=230 rho12=0.277) succinate (C)



## Phaeo 5H31 \#239 (gMed=321 rho12=0.329) propionate (C)



## Phaeo 5H32 \#240 (gMed=236 rho12=0.362) propionate (C)



## Phaeo 5H33 \#241 (gMed=185 rho12=0.308) D-Mannitol (C)



## Phaeo 5H34 \#242 (gMed=277 rho12=0.385) D-Mannitol (C)



## Phaeo 5H35 \#243 (gMed=253 rho12=0.280) m-Inositol (C)



## Phaeo 5H36 \#244 (gMed=271 rho12=0.311) m-Inositol (C)



## Phaeo 5H37 \#245 (gMed=199 rho12=0.375) D-Sorbitol (C)



## Phaeo 5H38 \#246 (gMed=214 rho12=0.383) D-Sorbitol (C)



# Phaeo 5H39 \#247 (gMed=185 rho12=0.311) L-Malic (C) 



## Phaeo 5H40 \#248 (gMed=143 rho12=0.292) <br> L-Malic (C)



## Phaeo 5H41 \#249 (gMed=226 rho12=0.282) D-Trehalose (C)



## Phaeo 5H42 \#250 (gMed=224 rho12=0.287) D-Trehalose (C)



## Phaeo 5H43 \#251 (gMed=162 rho12=0.157) m.b. Nickel (II) chloride 0.625 mM



## Phaeo 5H44 \#252 (gMed=202 rho12=0.172) m.b. Nickel (II) chloride 1 mM



## Phaeo 5H45 \#253 (gMed=328 rho12=0.200) m.b. Cobalt chloride 0.625 mM



## Phaeo 5H46 \#254 (gMed=100 rho12=0.170) m.b. Nickel (II) chloride 0.625 mM



## Phaeo 5H47 \#255 (gMed=334 rho12=0.203) m.b. Nickel (II) chloride 1 mM



## Phaeo 5H48 \#256 (gMed=276 rho12=0.173) m.b. Cobalt chloride 0.625 mM



## Phaeo 6IT001 \#257 (gMed=140 rho12=0.012) Time0



## Phaeo 6IT002 \#258 (gMed=168 rho12=0.012) Time0



## Phaeo 6IT004 \#260 (gMed=145 rho12=0.166) m.b. Paraquat dichloride $0.016 \mathrm{mg} / \mathrm{ml}$



Phaeo 6 IT005 \#261 (gMed=48 rho12=0.035)
m.b. Paraquat dichloride $0.032 \mathrm{mg} / \mathrm{ml}$


## Phaeo 6IT006 \#262 (gMed=183 rho12=0.213) m.b. Thallium(I) acetate $0.002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT007 \#263 (gMed=163 rho12=0.214) <br> m.b. Cisplatin $0.0125 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT008 \#264 (gMed=171 rho12=0.177) m.b. Cisplatin $0.025 \mathrm{mg} / \mathrm{ml}$



# Phaeo 6IT009 \#265 (gMed=206 rho12=0.203) marine broth 



## Phaeo 6IT010 \#266 (gMed=201 rho12=0.192) L-Glutamic (C)



## Phaeo 6IT011 \#267 (gMed=190 rho12=0.278) NAG (C)



## Phaeo 6IT012 \#268 (gMed=221 rho12=0.327) L-Glutamine (C)



## Phaeo 6IT013 \#269 (gMed=216 rho12=0.226) m.b. Benzalkonium Chloride 0.004 mg/ml



## Phaeo 6IT014 \#270 (gMed=208 rho12=0.226) m.b. Aluminum chloride 1.25 mM



## Phaeo 6IT015 \#271 (gMed=211 rho12=0.142) m.b. benzoic $0.145 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT016 \#272 (gMed=209 rho12=0.195) marine broth



Phaeo 6 IT019 \#275 (gMed=60 rho12=0.098)
m.b. Paraquat dichloride $0.032 \mathrm{mg} / \mathrm{ml}$


## Phaeo 6IT020 \#276 (gMed=197 rho12=0.210) m.b. Thallium(I) acetate $0.002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT021 \#277 (gMed=212 rho12=0.194) m.b. Cisplatin $0.0125 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT022 \#278 (gMed=238 rho12=0.327) L-Serine (C)



## Phaeo 6IT023 \#279 (gMed=187 rho12=0.194) D-Mannose (C)



## Phaeo 6IT024 \#280 (gMed=208 rho12=0.201) Glycine (C)



## Phaeo 6IT025 \#281 (gMed=210 rho12=0.167) <br> m.b. perchlorate 50 mM



## Phaeo 6IT026 \#282 (gMed=211 rho12=0.144) <br> m.b. perchlorate 100 mM



## Phaeo 6IT027 \#283 (gMed=206 rho12=0.276) m.b. Benzalkonium Chloride 0.004 mg/ml



## Phaeo 6IT028 \#284 (gMed=204 rho12=0.196) m.b. Aluminum chloride 1.25 mM



## Phaeo 6IT029 \#285 (gMed=198 rho12=0.159) <br> m.b. benzoic $0.145 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT030 \#286 (gMed=195 rho12=0.177) marine broth



# Phaeo 6IT031 \#287 (gMed=176 rho12=0.167) m.b. copper (II) chloride 0.3 mM 



## Phaeo 6IT032 \#288 (gMed=187 rho12=0.161) m.b. Zinc 0.1 mM



## Phaeo 6IT033 \#289 (gMed=183 rho12=0.123) m.b. Chlorite 0.16 mM



## Phaeo 6IT034 \#290 (gMed=203 rho12=0.369) L-Threonine (C)



## Phaeo 6IT035 \#291 (gMed=179 rho12=0.076) octanoate (C)



## Phaeo 6IT036 \#292 (gMed=192 rho12=0.222) <br> L-Proline (C)



## Phaeo 6IT037 \#293 (gMed=197 rho12=0.084) m.b. Chloride 800 mM



Phaeo 6IT038 \#294 (gMed=220 rho12=0.216) m.b. Benzethonium chloride 0.0125 mM


## Phaeo 6IT039 \#295 (gMed=186 rho12=0.219) <br> m.b. Benzethonium chloride 0.02 mM



## Phaeo 6 IT040 \#296 (gMed=204 rho12=0.224) <br> m.b. Benzalkonium Chloride $0.004 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT041 \#297 (gMed=193 rho12=0.148) marine broth



## Phaeo 6IT042 \#298 (gMed=205 rho12=0.220) m.b. Phosphomycin $1 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT043 \#299 (gMed=191 rho12=0.244) m.b. Phosphomycin $2 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT044 \#300 (gMed=203 rho12=0.293) m.b. Fusidic $0.0002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 6IT045 \#301 (gMed=196 rho12=0.161) <br> m.b. Dimethyl Sulfoxide 7.5 vol\%



## Phaeo 6IT046 \#302 (gMed=197 rho12=0.215) L-Asparagine (C)



## Phaeo 6IT047 \#303 (gMed=176 rho12=0.186) butyrate (C)



## Phaeo 6IT048 \#304 (gMed=207 rho12=0.382) casaminos (C)



## Phaeo 7IT049 \#305 (gMed=260 rho12=0.155) m.b. A22 $0.02 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT050 \#306 (gMed=260 rho12=0.188) m.b. Lomefloxacin 0.00078125 mM



## Phaeo 7IT051 \#307 (gMed=252 rho12=0.253) m.b. D-Cycloserine $0.0625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT052 \#308 (gMed=232 rho12=0.198) m.b. Doxycycline hyclate $0.002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT053 \#309 (gMed=258 rho12=0.193) marine broth



## Phaeo 7IT054 \#310 (gMed=243 rho12=0.267) m.b. Spectinomycin $0.00625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT055 \#311 (gMed=232 rho12=0.130) m.b. Nalidixic $0.016 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT056 \#312 (gMed=243 rho12=0.276) m.b. Gentamicin 0.002 mg/ml



## Phaeo 7IT057 \#313 (gMed=234 rho12=0.317) m.b. Gentamicin 0.004 mg/ml



## Phaeo 7IT058 \#314 (gMed=254 rho12=0.379) L-Glutamine (C)



## Phaeo 7IT059 \#315 (gMed=267 rho12=0.267) L-Glutamic (C)



## Phaeo 7IT060 \#316 (gMed=241 rho12=0.281) NAG (C)



## Phaeo 7IT061 \#317 (gMed=267 rho12=0.250) <br> m.b. Cholin acetate 15 mM



## Phaeo 7IT062 \#318 (gMed=277 rho12=0.255) marine broth



## Phaeo 7IT063 \#319 (gMed=237 rho12=0.212) m.b. copper (II) chloride 0.3 mM



## Phaeo 7IT064 \#320 (gMed=232 rho12=0.155) m.b. Zinc 0.1 mM



## Phaeo 7IT065 \#321 (gMed=237 rho12=0.203) m.b. Chlorite 0.16 mM



## Phaeo 7IT066 \#322 (gMed=210 rho12=0.221) m.b. Polymyxin B sulfate 0.0032 mg/ml



## Phaeo 7IT067 \#323 (gMed=253 rho12=0.175) m.b. Chloride $\mathbf{6 0 0} \mathbf{~ m M}$



## Phaeo 7IT068 \#324 (gMed=211 rho12=0.170) m.b. Chloride 700 mM



## Phaeo 7IT069 \#325 (gMed=201 rho12=0.146) m.b. Chloride 800 mM



## Phaeo 7IT070 \#326 (gMed=189 rho12=0.232) Glycine (C)



## Phaeo 7IT071 \#327 (gMed=237 rho12=0.352) L-Serine (C)



## Phaeo 7IT072 \#328 (gMed=225 rho12=0.242) D-Mannose (C)



## Phaeo 7IT073 \#329 (gMed=238 rho12=0.184) marine broth



## Phaeo 7IT074 \#330 (gMed=201 rho12=0.274) m.b. Phosphomycin $1 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT075 \#331 (gMed=223 rho12=0.278) m.b. Phosphomycin $2 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT076 \#332 (gMed=255 rho12=0.263) m.b. Fusidic $0.0002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT077 \#333 (gMed=250 rho12=0.182) m.b. Dimethyl Sulfoxide 7.5 vol\%



## Phaeo 7IT078 \#334 (gMed=232 rho12=0.234) m.b. Vancomycin $0.024 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT079 \#335 (gMed=269 rho12=0.234) m.b. Vancomycin $0.032 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT080 \#336 (gMed=254 rho12=0.294) m.b. Cephalothin 0.001 mg/ml



## Phaeo 7IT081 \#337 (gMed=196 rho12=0.176) m.b. A22 $0.02 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT082 \#338 (gMed=238 rho12=0.237) L-Proline (C)



## Phaeo 7IT083 \#339 (gMed=248 rho12=0.447) <br> L-Threonine (C)



## Phaeo 7IT084 \#340 (gMed=169 rho12=0.072) octanoate (C)



## Phaeo 7IT085 \#341 (gMed=278 rho12=0.168) marine broth



## Phaeo 7IT086 \#342 (gMed=245 rho12=0.230) m.b. Spectinomycin $0.00625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT087 \#343 (gMed=250 rho12=0.144) <br> m.b. Nalidixic $0.016 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT088 \#344 (gMed=204 rho12=0.285) m.b. Gentamicin 0.002 mg/ml



## Phaeo 7IT089 \#345 (gMed=184 rho12=0.401) m.b. Gentamicin $0.004 \mathrm{mg} / \mathrm{ml}$



## Phaeo 7IT090 \#346 (gMed=193 rho12=0.177) m.b. methylglyoxal 0.008 vol\%



## Phaeo 7IT091 \#347 (gMed=226 rho12=0.145) m.b. 2-Furfuraldehyde 0.016 vol\%



## Phaeo 7IT092 \#348 (gMed=214 rho12=0.163) m.b. Furfuryl Alcohol 0.064 vol\%



## Phaeo 7IT093 \#349 (gMed=179 rho12=0.166) <br> m.b. Cholin acetate 15 mM



## Phaeo 7IT094 \#350 (gMed=88 rho12=0.125) casaminos (C)



## Phaeo 7IT095 \#351 (gMed=156 rho12=0.226) L-Asparagine (C)



## Phaeo 7IT096 \#352 (gMed=164 rho12=0.135) butyrate (C)



## Phaeo 8IT049 \#353 (gMed=231 rho12=0.370) L-Histidine ( N )



## Phaeo 8IT050 \#354 (gMed=202 rho12=0.317) L-Alanine ( N )



## Phaeo 8IT051 \#355 (gMed=200 rho12=0.300) L-Valine (N)



## Phaeo 8IT052 \#356 (gMed=171 rho12=0.266) L-Isoleucine (N)



## Phaeo 8IT053 \#357 (gMed=190 rho12=0.278) L-Leucine (N)



## Phaeo 8IT054 \#358 (gMed=215 rho12=0.246) L-Methionine ( N )



## Phaeo 8IT055 \#359 (gMed=187 rho12=0.253) L-Phenylalanine ( N )



## Phaeo 8IT056 \#360 (gMed=178 rho12=0.260) L-Tryptophan (N)



## Phaeo 8IT057 \#361 (gMed=192 rho12=0.291) D-Alanine (N)



## Phaeo 8IT058 \#362 (gMed=199 rho12=0.329) L-Citrulline ( N )



## Phaeo 8IT059 \#363 (gMed=165 rho12=0.351) Putrescine (N)



## Phaeo 8IT060 \#364 (gMed=168 rho12=0.367) Adenosine (N)



## Phaeo 8IT061 \#365 (gMed=174 rho12=0.319) Uridine (N)



## Phaeo 8IT062 \#366 (gMed=214 rho12=0.348) Cytidine (N)



## Phaeo 8IT063 \#367 (gMed=195 rho12=0.220) Ammonium chloride (N)



## Phaeo 8IT064 \#368 (gMed=175 rho12=0.309) L-Histidine ( N )



## Phaeo 8IT065 \#369 (gMed=187 rho12=0.307) <br> L-Alanine ( N )



## Phaeo 8IT066 \#370 (gMed=178 rho12=0.263) L-Valine (N)



## Phaeo 8IT067 \#371 (gMed=168 rho12=0.224) L-Isoleucine (N)



## Phaeo 8IT068 \#372 (gMed=158 rho12=0.250) L-Leucine (N)



## Phaeo 8IT069 \#373 (gMed=164 rho12=0.267) L-Methionine ( N )



## Phaeo 8IT070 \#374 (gMed=161 rho12=0.229) L-Phenylalanine ( N )



## Phaeo 8IT071 \#375 (gMed=139 rho12=0.226) L-Tryptophan (N)



## Phaeo 8IT072 \#376 (gMed=164 rho12=0.295) D-Alanine (N)



## Phaeo 8IT073 \#377 (gMed=182 rho12=0.324) <br> L-Citrulline ( N )



## Phaeo 8IT074 \#378 (gMed=130 rho12=0.351) Putrescine (N)



## Phaeo 8IT075 \#379 (gMed=170 rho12=0.368) Adenosine (N)



## Phaeo 8IT076 \#380 (gMed=181 rho12=0.291) Uridine (N)



## Phaeo 8IT077 \#381 (gMed=171 rho12=0.326) Cytidine (N)



## Phaeo 8IT078 \#382 (gMed=178 rho12=0.242) Ammonium chloride (N)



## Phaeo 8IT079 \#383 (gMed=219 rho12=0.014) Time0



## Phaeo 8IT080 \#384 (gMed=177 rho12=-0.002) Time0



## Phaeo 8IT081 \#385 (gMed=151 rho12=0.010) Time0



## Phaeo 8IT082 \#386 (gMed=159 rho12=0.117) <br> m.b. Chloramphenicol $0.00002 \mathrm{mg} / \mathrm{ml}$



## Phaeo 8IT083 \#387 (gMed=181 rho12=0.115) m.b. Tetracycline $0.00625 \mathrm{mg} / \mathrm{ml}$



## Phaeo 8IT084 \#388 (gMed=165 rho12=0.140)

m.b. 5-Hydroxymethylfurfural 2.5 mM


## Phaeo 8IT085 \#389 (gMed=158 rho12=0.096) m.b. Vanillin 1.25 mM



## Phaeo 8IT086 \#390 (gMed=167 rho12=0.090) m.b. Vanillin 2.5 mM



## Phaeo 8IT087 \#391 (gMed=210 rho12=0.173) m.b. syringaldehyde 2 mM



## Phaeo 8IT088 \#392 (gMed=146 rho12=0.176) marine broth



## Phaeo 8IT089 \#393 (gMed=138 rho12=0.131) m.b. acetate 100 mM



## Phaeo 8IT090 \#394 (gMed=149 rho12=0.112) <br> m.b. acetate 140 mM



## Phaeo 8IT091 \#395 (gMed=168 rho12=0.207) m.b. 1-ethyl-3-methylimidazolium lysine 1 mM



## Phaeo $81 T 092$ \#396 (gMed=173 rho12=0.195)

## m.b. 1-ethyl-3-methylimidazolium acetate 10 mM



## Phaeo $81 T 093$ \#397 (gMed=174 rho12=0.218)

## m.b. 1-ethyl-3-methylimidazolium acetate 20 mM



## Phaeo 8IT094 \#398 (gMed=175 rho12=0.206)

m.b. 1-ethyl-3-methylimidazolium chloride 5 mM


## Phaeo 8IT095 \#399 (gMed=195 rho12=0.193) m.b. Choline Lysine 10 mM



## Phaeo 8IT096 \#400 (gMed=183 rho12=0.171) marine broth



## Phaeo 9IT031 \#401 (gMed=256 rho12=0.103) marine broth pH 6



## Phaeo 9IT032 \#402 (gMed=204 rho12=0.097) marine broth pH 6



## Phaeo 9IT033 \#403 (gMed=162 rho12=0.086) marine broth pH 6.5



## Phaeo 9IT034 \#404 (gMed=263 rho12=0.084) marine broth pH 6.5



## Phaeo 9IT035 \#405 (gMed=264 rho12=0.058) marine broth 20C



## Phaeo 9IT036 \#406 (gMed=238 rho12=0.023) marine broth 20C



## Phaeo 9IT037 \#407 (gMed=185 rho12=0.120) marine broth 25C



## Phaeo 9IT038 \#408 (gMed=248 rho12=0.134) marine broth 25C



## Phaeo 9IT039 \#409 (gMed=234 rho12=0.177) marine broth 30C



## Phaeo 9IT040 \#410 (gMed=192 rho12=0.185) marine broth 30C



## Phaeo 9IT041 \#411 (gMed=210 rho12=0.144) marine broth 37C



## Phaeo 9IT042 \#412 (gMed=184 rho12=0.094) marine broth 37C



## Phaeo 9IT043 \#413 (gMed=162 rho12=0.154) outer cut, marine broth soft agar motility assay



> Phaeo 9IT044 \#414 (gMed=149 rho12=0.122) outer cut, marine broth soft agar motility assay


## Phaeo 9IT045 \#415 (gMed=135 rho12=0.100) outer cut, marine broth soft agar motility assay



## Phaeo 9IT046 \#416 (gMed=135 rho12=0.070) outer cut, marine broth soft agar motility assay



## Phaeo 9IT047 \#417 (gMed=192 rho12=-0.001) Time0



## Phaeo 9IT048 \#418 (gMed=200 rho12=-0.001) Time0



