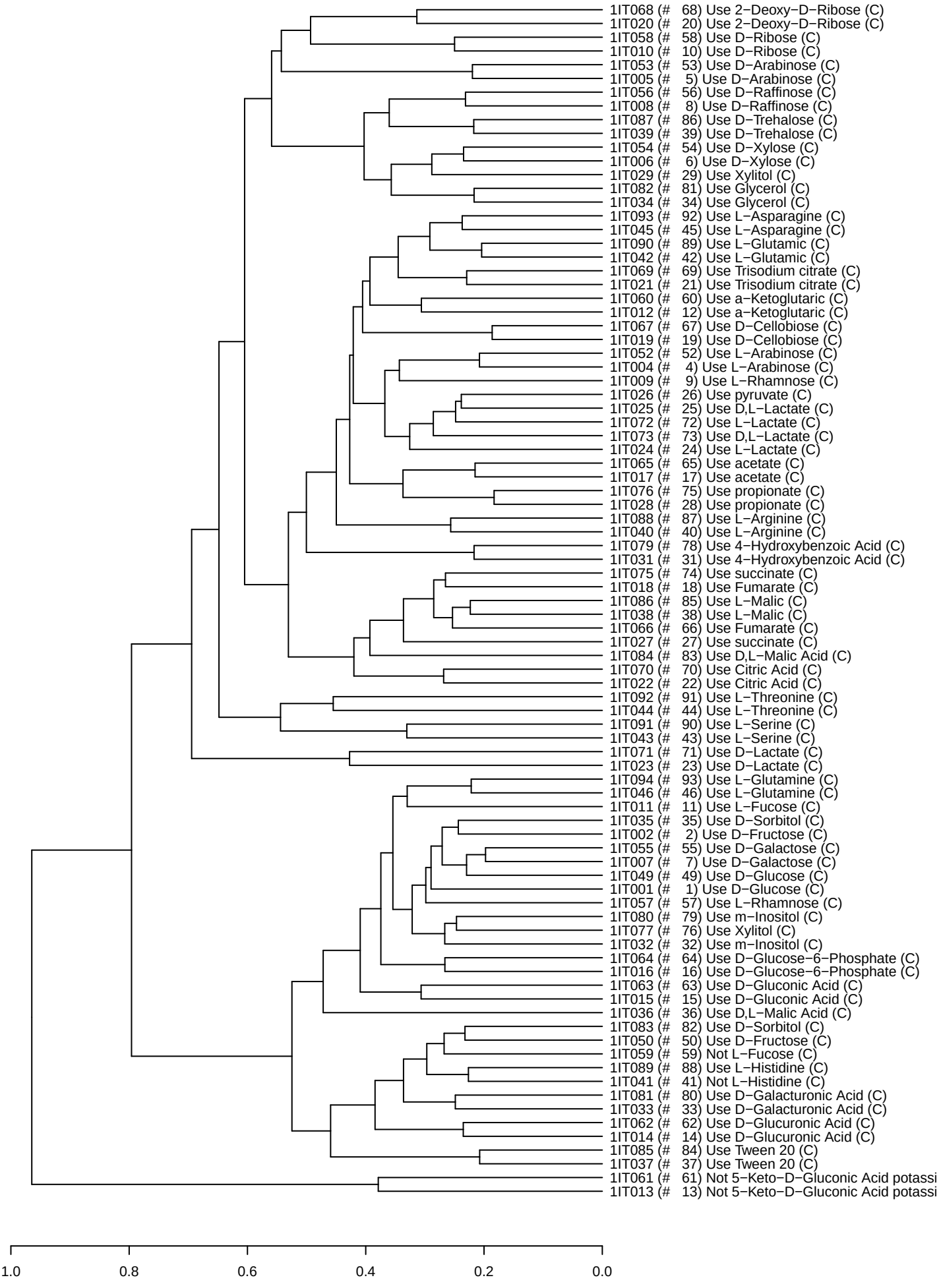
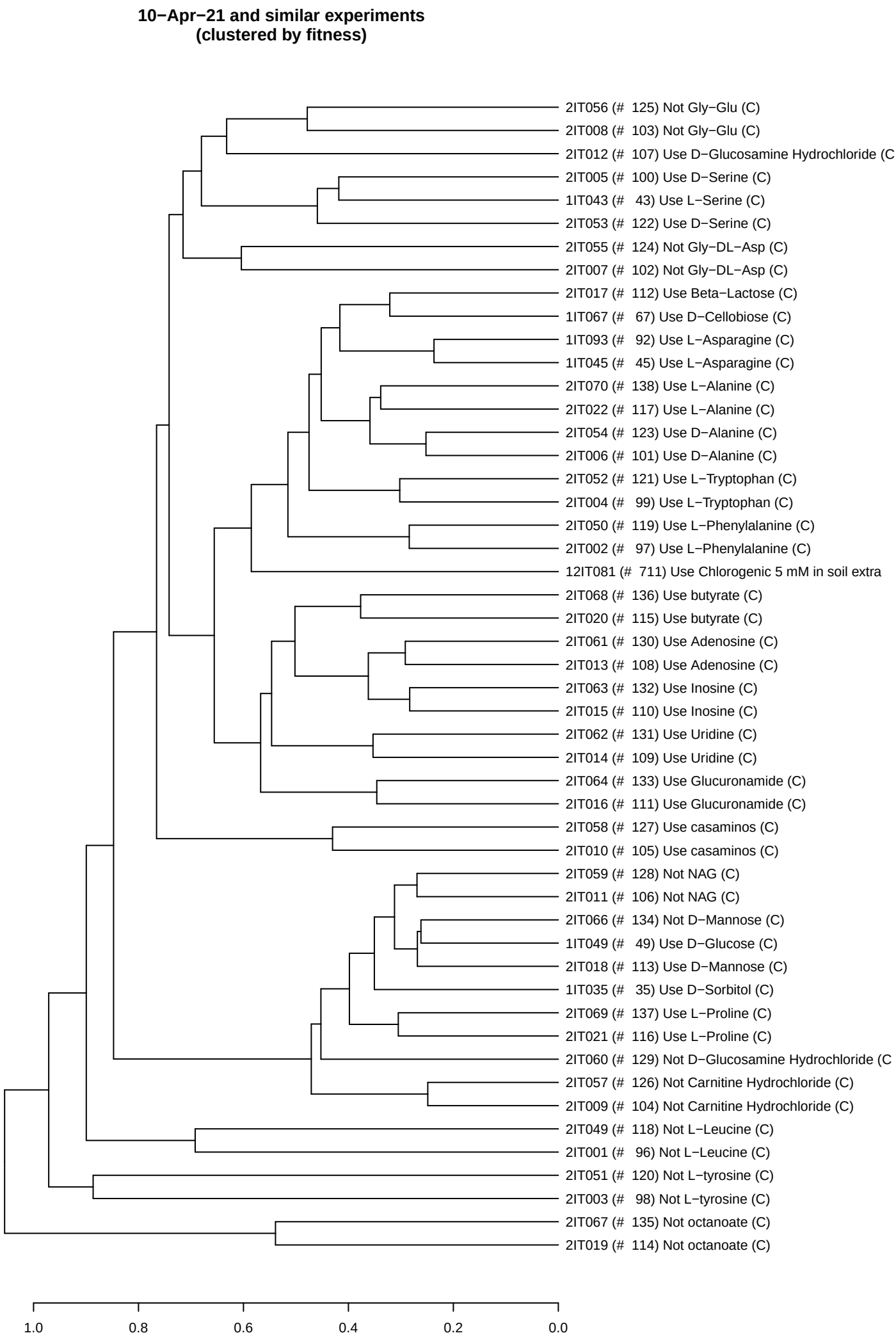
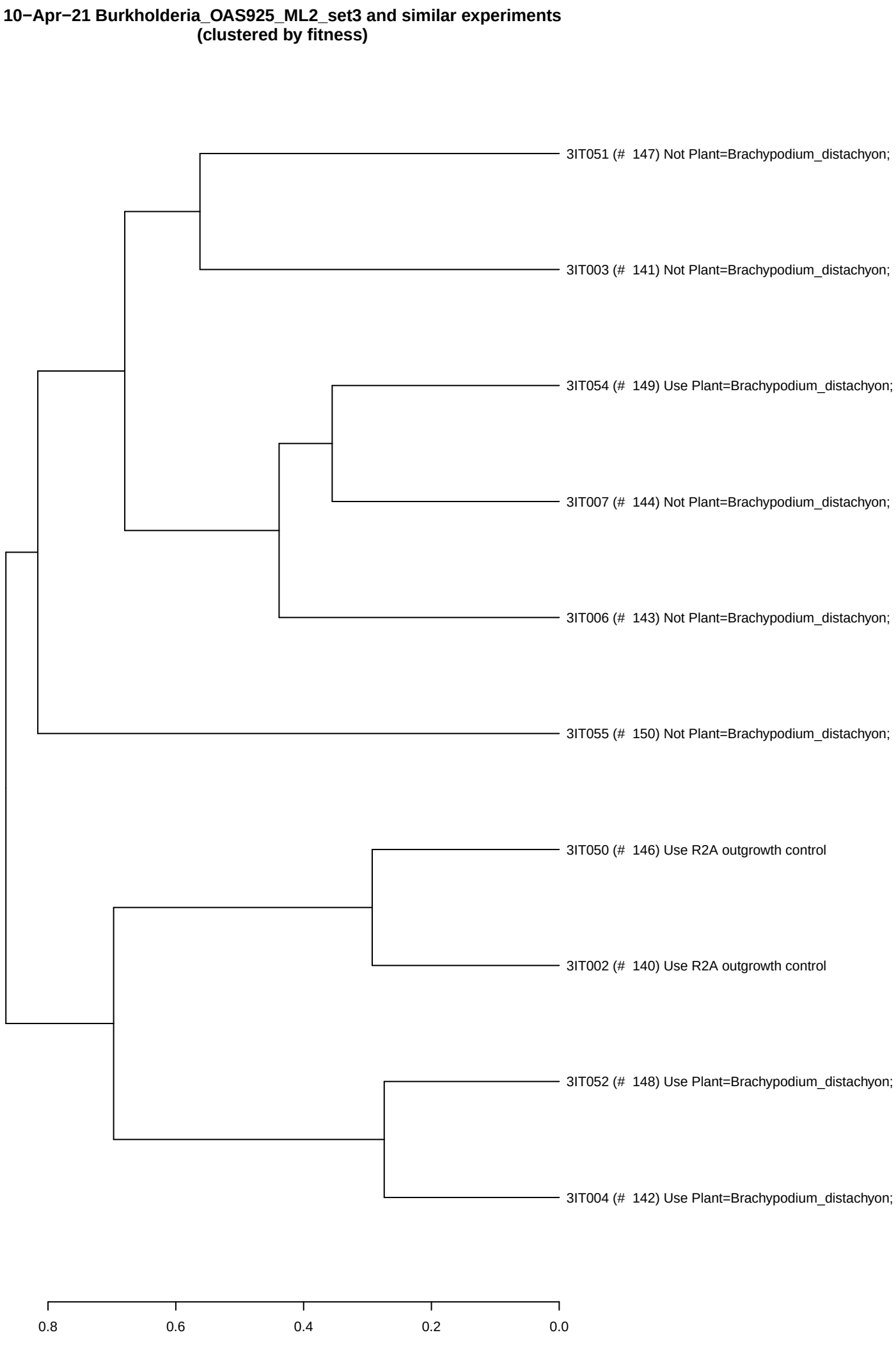
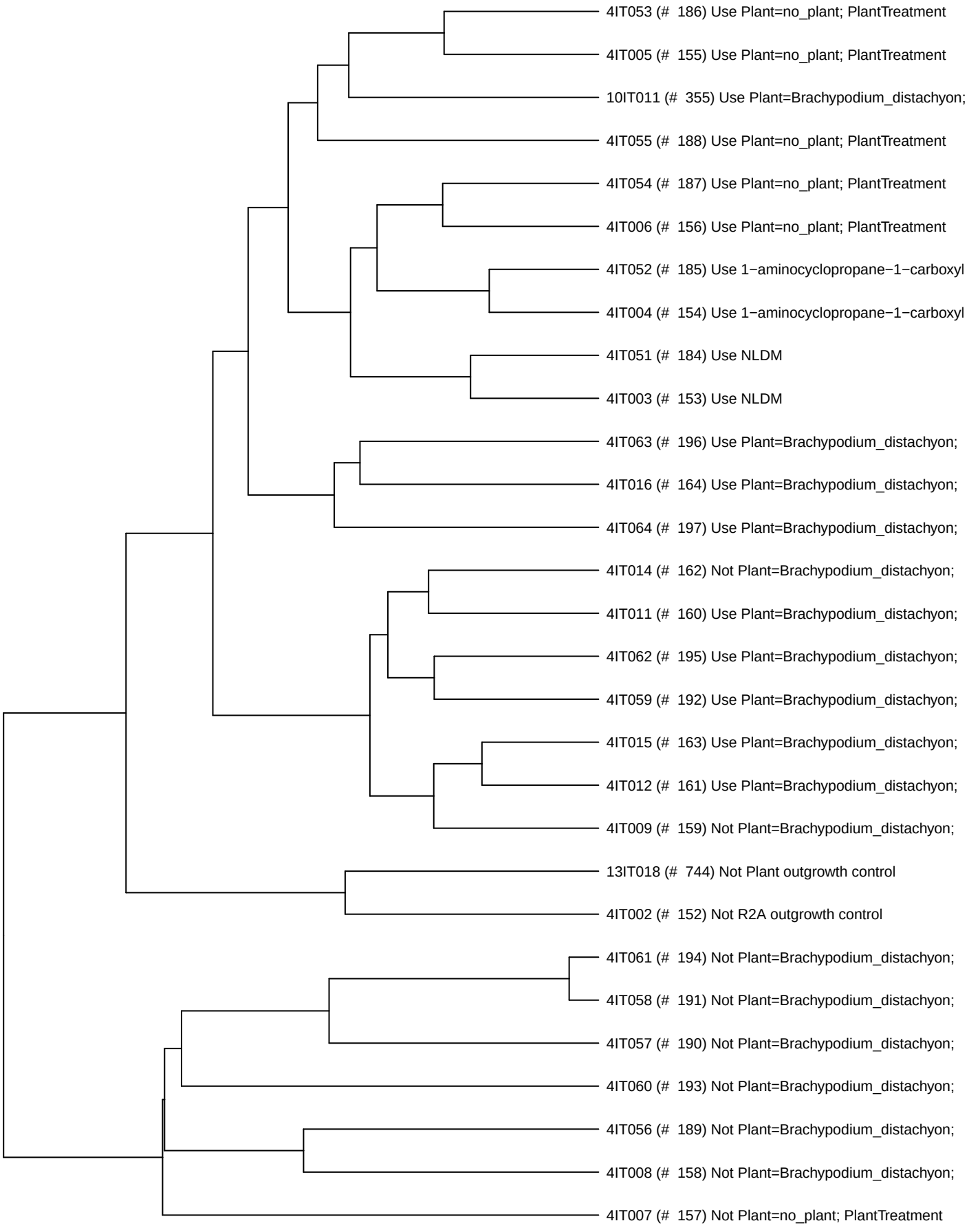
10−Apr−21 Burkholderia_OAS925_ML2_set1 and similar experiments (clustered by fitness)

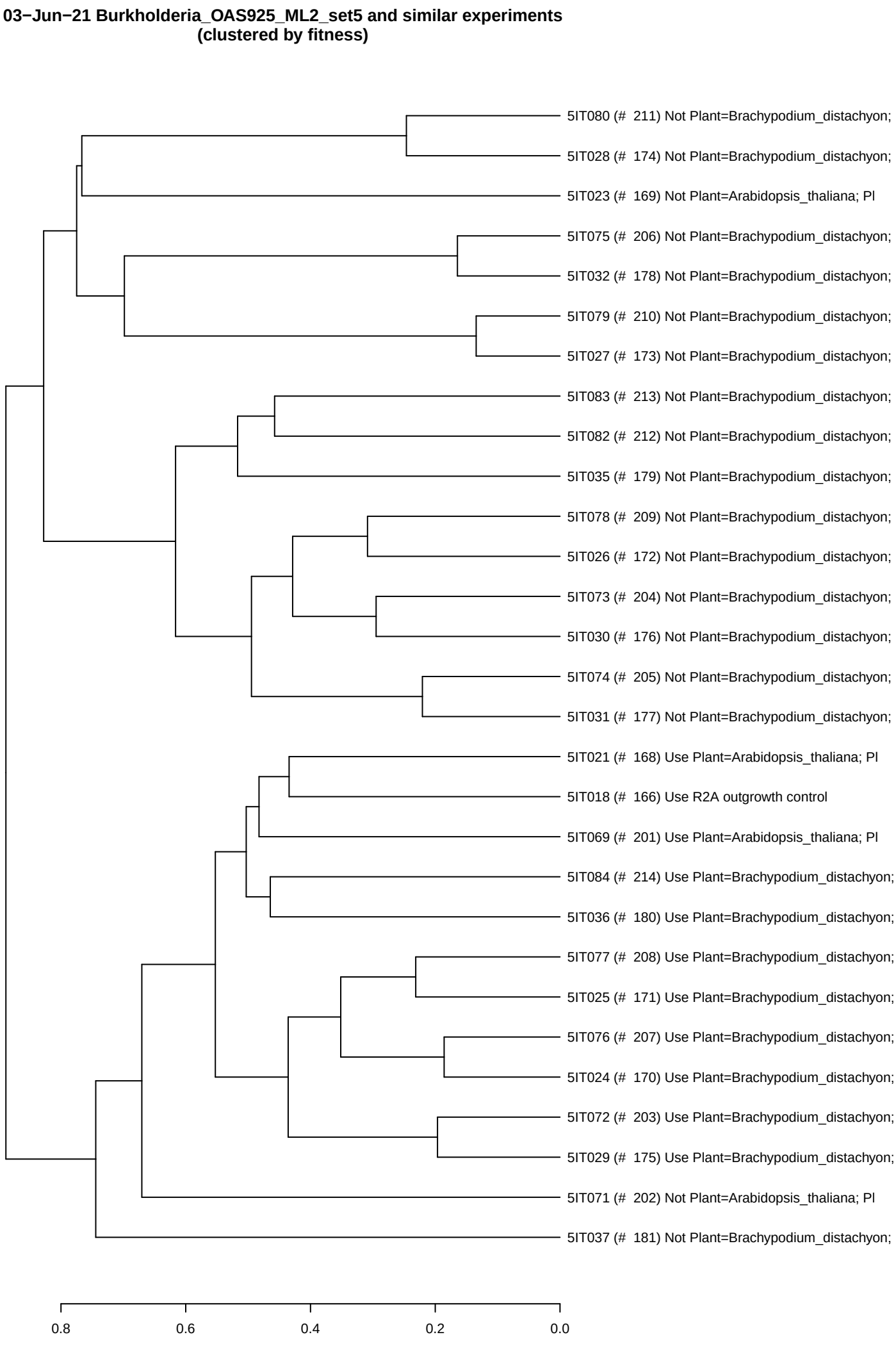



10−Apr−21 and similar experiments
(clustered by fitness)
2IT056 (# 125) Not Gly−Glu (C)
2IT008 (# 103) Not Gly−Glu (C)
2IT012 (# 107) Use D−Glucosamine Hydrochloride (C
2IT005 (# 100) Use D−Serine (C)
1IT043 (# 43) Use L−Serine (C)
2IT053 (# 122) Use D−Serine (C)
2IT055 (# 124) Not Gly−DL−Asp (C)
2IT007 (# 102) Not Gly−DL−Asp (C)
2IT017 (# 112) Use Beta−Lactose (C)
1IT067 (# 67) Use D−Cellobiose (C)
1IT093 (# 92) Use L−Asparagine (C)
1IT045 (# 45) Use L−Asparagine (C)
2IT070 (# 138) Use L−Alanine (C)
2IT022 (# 117) Use L−Alanine (C)
2IT054 (# 123) Use D−Alanine (C)
2IT006 (# 101) Use D−Alanine (C)
2IT052 (# 121) Use L−Tryptophan (C)
2IT004 (# 99) Use L−Tryptophan (C)
2IT050 (# 119) Use L−Phenylalanine (C)
2IT002 (# 97) Use L−Phenylalanine (C)
12IT081 (# 711) Use Chlorogenic 5 mM in soil extra
2IT068 (# 136) Use butyrate (C)
2IT020 (# 115) Use butyrate (C)
2IT061 (# 130) Use Adenosine (C)
2IT013 (# 108) Use Adenosine (C)
2IT063 (# 132) Use Inosine (C)
2IT015 (# 110) Use Inosine (C)
2IT062 (# 131) Use Uridine (C)
2IT014 (# 109) Use Uridine (C)
2IT064 (# 133) Use Glucuronamide (C)
2IT016 (# 111) Use Glucuronamide (C)
2IT058 (# 127) Use casaminos (C)
2IT010 (# 105) Use casaminos (C)
2IT059 (# 128) Not NAG (C)
2IT011 (# 106) Not NAG (C)
2IT066 (# 134) Not D−Mannose (C)
1IT049 (# 49) Use D−Glucose (C)
2IT018 (# 113) Use D−Mannose (C)
1IT035 (# 35) Use D−Sorbitol (C)
2IT069 (# 137) Use L−Proline (C)
2IT021 (# 116) Use L−Proline (C)
2IT060 (# 129) Not D−Glucosamine Hydrochloride (C
2IT057 (# 126) Not Carnitine Hydrochloride (C)
2IT009 (# 104) Not Carnitine Hydrochloride (C)
2IT049 (# 118) Not L−Leucine (C)
2IT001 (# 96) Not L−Leucine (C)
2IT051 (# 120) Not L−tyrosine (C)
2IT003 (# 98) Not L−tyrosine (C)
2IT067 (# 135) Not octanoate (C)
2IT019 (# 114) Not octanoate (C)
1.0
0.8
0.6
0.4
0.2
0.0

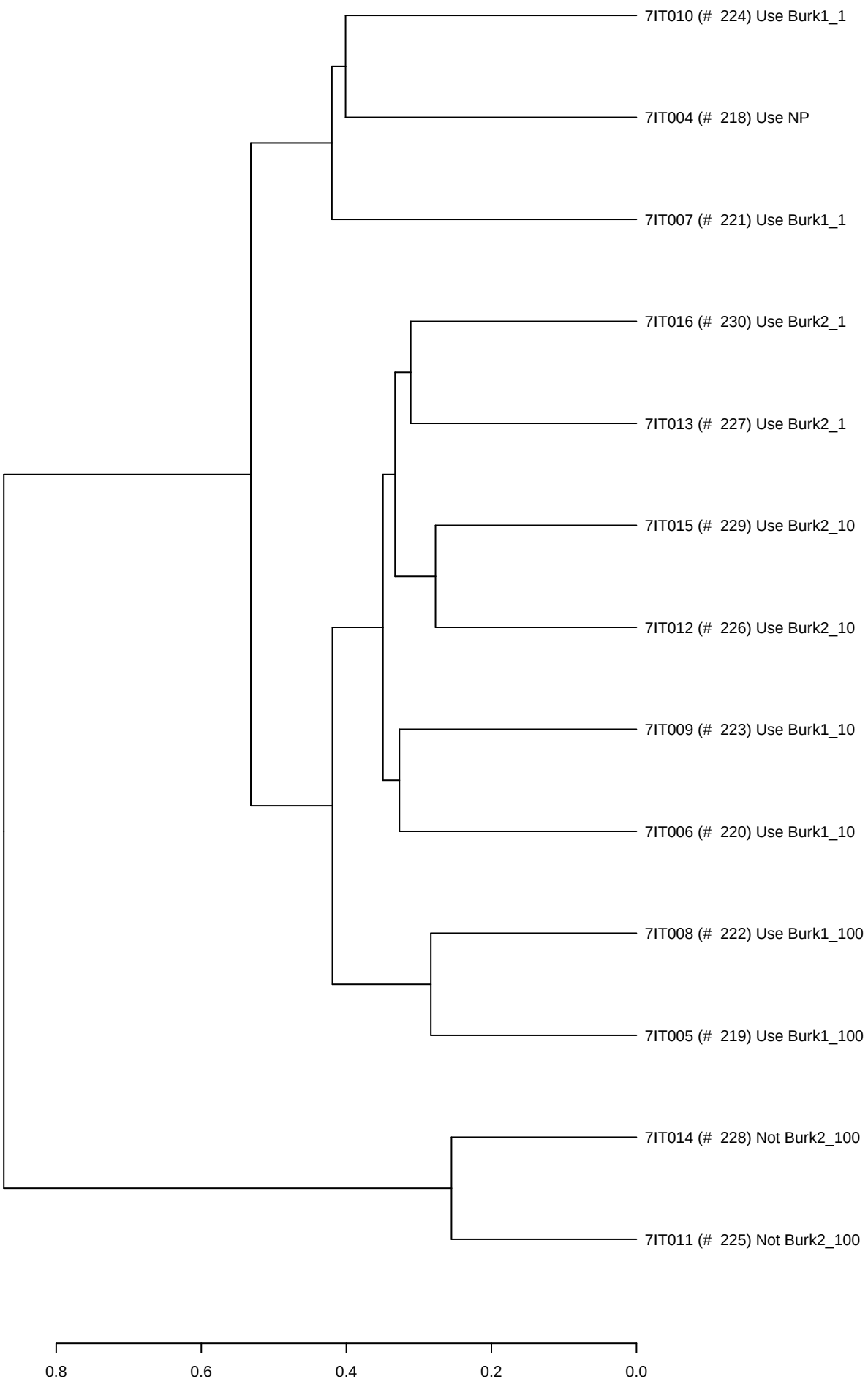

10−Apr−21 Burkholderia_OAS925_ML2_set3 and similar experiments
(clustered by fitness)
3IT051 (# 147) Not Plant=Brachypodium_distachyon;
3IT003 (# 141) Not Plant=Brachypodium_distachyon;
3IT054 (# 149) Use Plant=Brachypodium_distachyon;
3IT007 (# 144) Not Plant=Brachypodium_distachyon;
3IT006 (# 143) Not Plant=Brachypodium_distachyon;
3IT055 (# 150) Not Plant=Brachypodium_distachyon;
3IT050 (# 146) Use R2A outgrowth control
3IT002 (# 140) Use R2A outgrowth control
3IT052 (# 148) Use Plant=Brachypodium_distachyon;
3IT004 (# 142) Use Plant=Brachypodium_distachyon;
0.8
0.6
0.4
0.2
0.0

20−May−21 Burkholderia_OAS925_ML2_set4 and similar experiments (clustered by fitness)

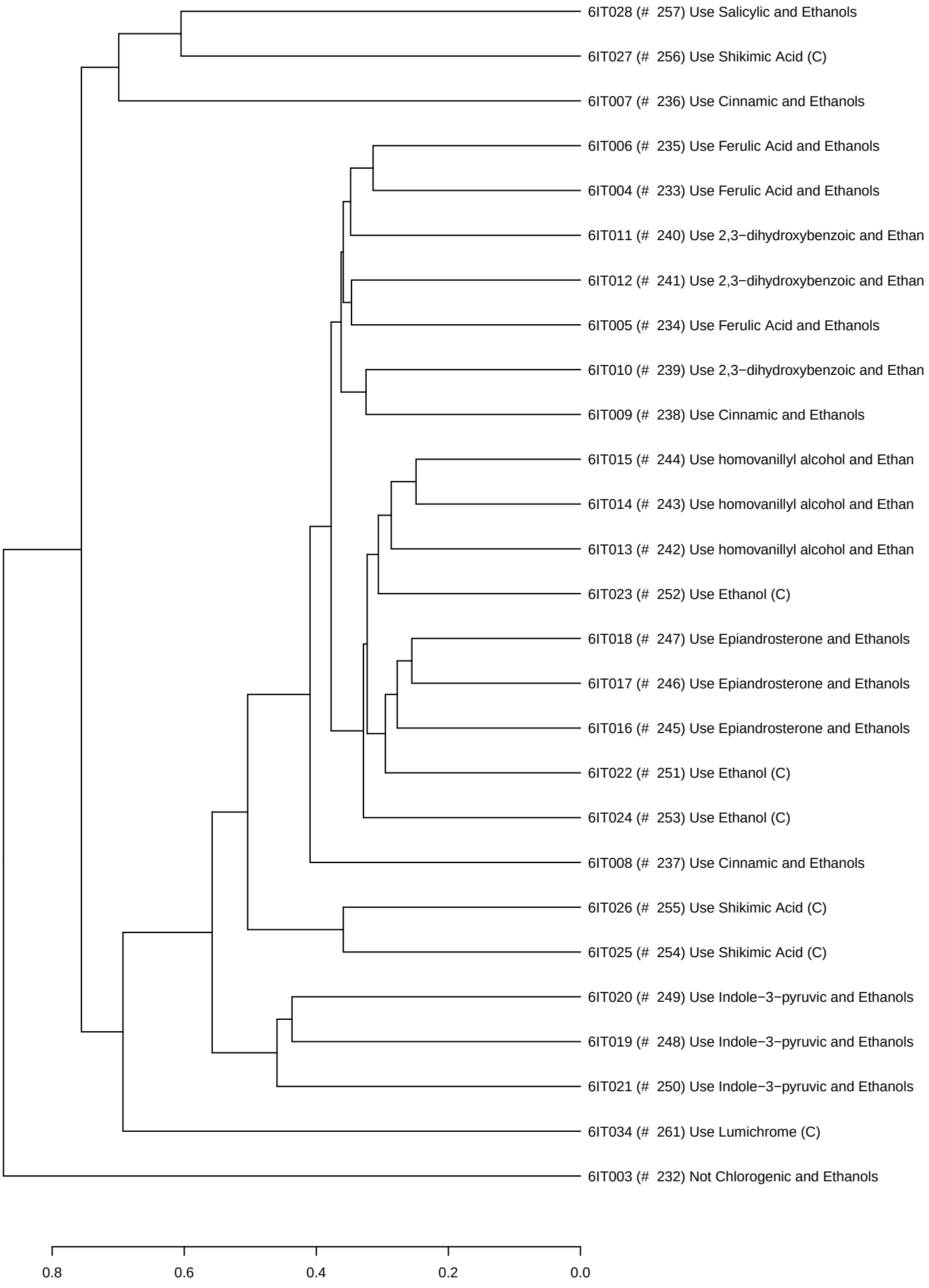



03−Jun−21 Burkholderia_OAS925_ML2_set5 and similar experiments
(clustered by fitness)
5IT080 (# 211) Not Plant=Brachypodium_distachyon;
5IT028 (# 174) Not Plant=Brachypodium_distachyon;
5IT023 (# 169) Not Plant=Arabidopsis_thaliana; Pl
5IT075 (# 206) Not Plant=Brachypodium_distachyon;
5IT032 (# 178) Not Plant=Brachypodium_distachyon;
5IT079 (# 210) Not Plant=Brachypodium_distachyon;
5IT027 (# 173) Not Plant=Brachypodium_distachyon;
5IT083 (# 213) Not Plant=Brachypodium_distachyon;
5IT082 (# 212) Not Plant=Brachypodium_distachyon;
5IT035 (# 179) Not Plant=Brachypodium_distachyon;
5IT078 (# 209) Not Plant=Brachypodium_distachyon;
5IT026 (# 172) Not Plant=Brachypodium_distachyon;
5IT073 (# 204) Not Plant=Brachypodium_distachyon;
5IT030 (# 176) Not Plant=Brachypodium_distachyon;
5IT074 (# 205) Not Plant=Brachypodium_distachyon;
5IT031 (# 177) Not Plant=Brachypodium_distachyon;
5IT021 (# 168) Use Plant=Arabidopsis_thaliana; Pl
5IT018 (# 166) Use R2A outgrowth control
5IT069 (# 201) Use Plant=Arabidopsis_thaliana; Pl
5IT084 (# 214) Use Plant=Brachypodium_distachyon;
5IT036 (# 180) Use Plant=Brachypodium_distachyon;
5IT077 (# 208) Use Plant=Brachypodium_distachyon;
5IT025 (# 171) Use Plant=Brachypodium_distachyon;
5IT076 (# 207) Use Plant=Brachypodium_distachyon;
5IT024 (# 170) Use Plant=Brachypodium_distachyon;
5IT072 (# 203) Use Plant=Brachypodium_distachyon;
5IT029 (# 175) Use Plant=Brachypodium_distachyon;
5IT071 (# 202) Not Plant=Arabidopsis_thaliana; Pl
5IT037 (# 181) Not Plant=Brachypodium_distachyon;
0.8
0.6
0.4
0.2
0.0

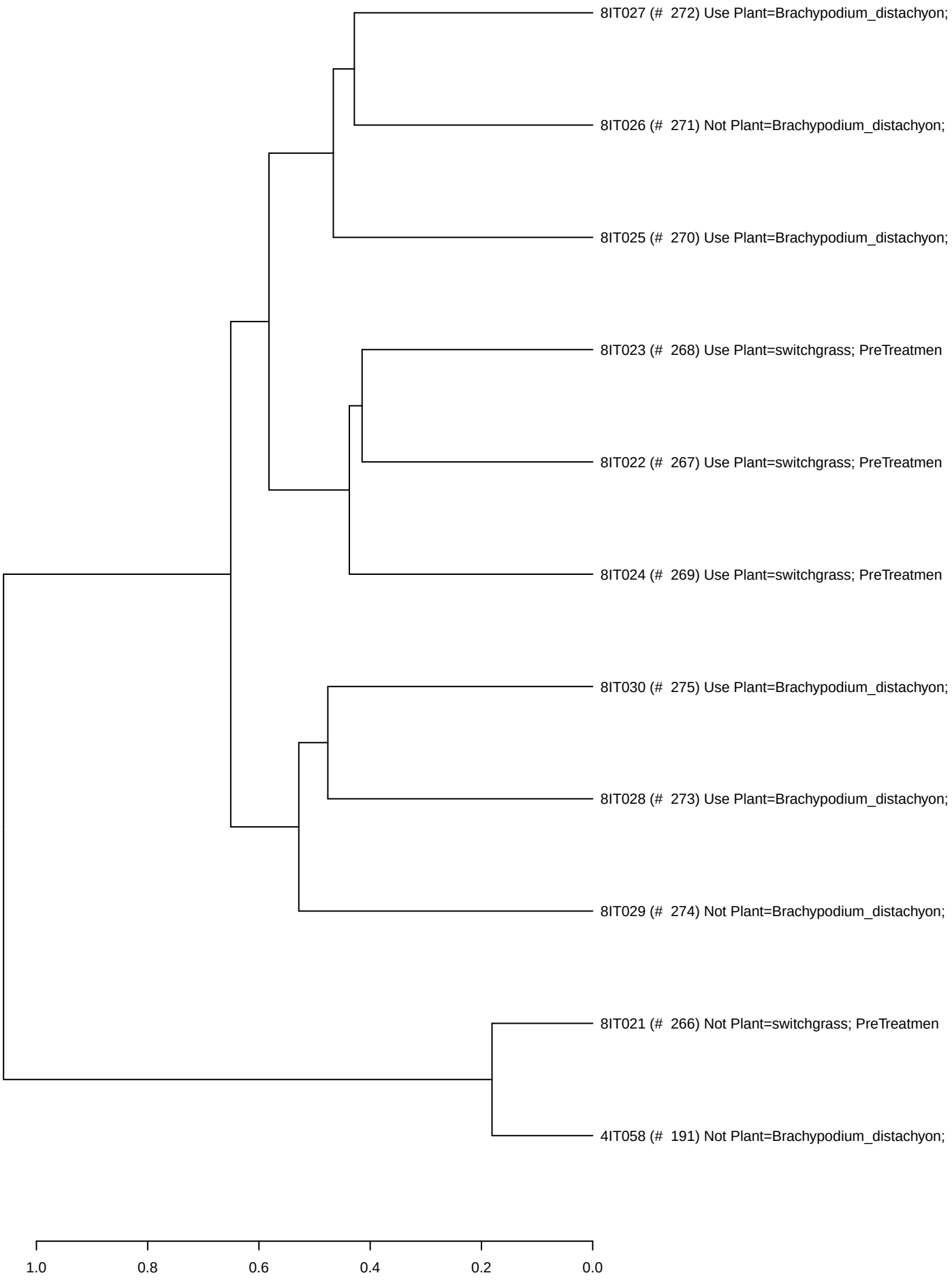
05/19/21 Burkholderia_OAS925_ML2_set7 and similar experiments (clustered by fitness)

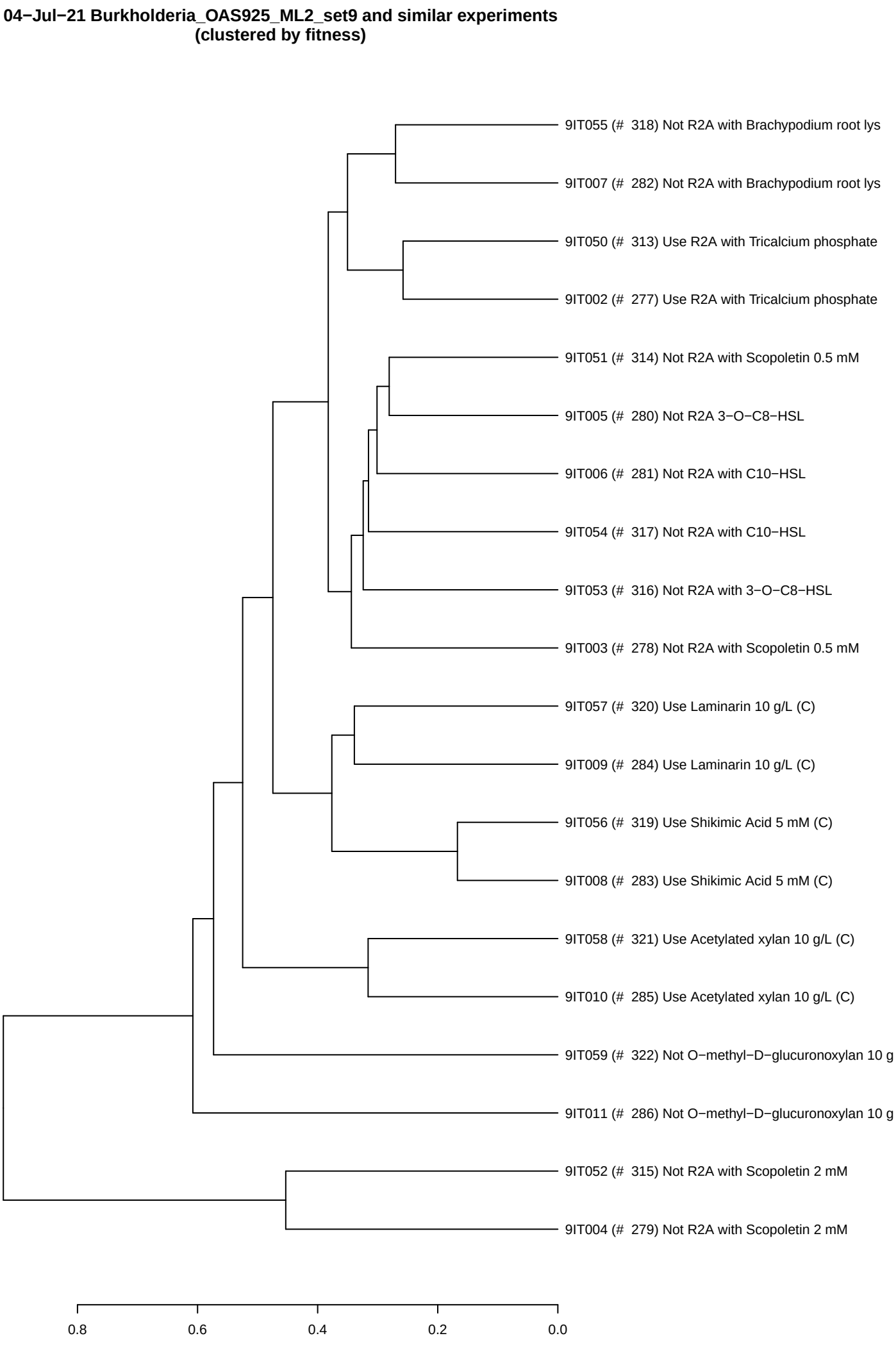


03−Apr−21 Burkholderia_OAS925_ML2_set6 and similar experiments (clustered by fitness)

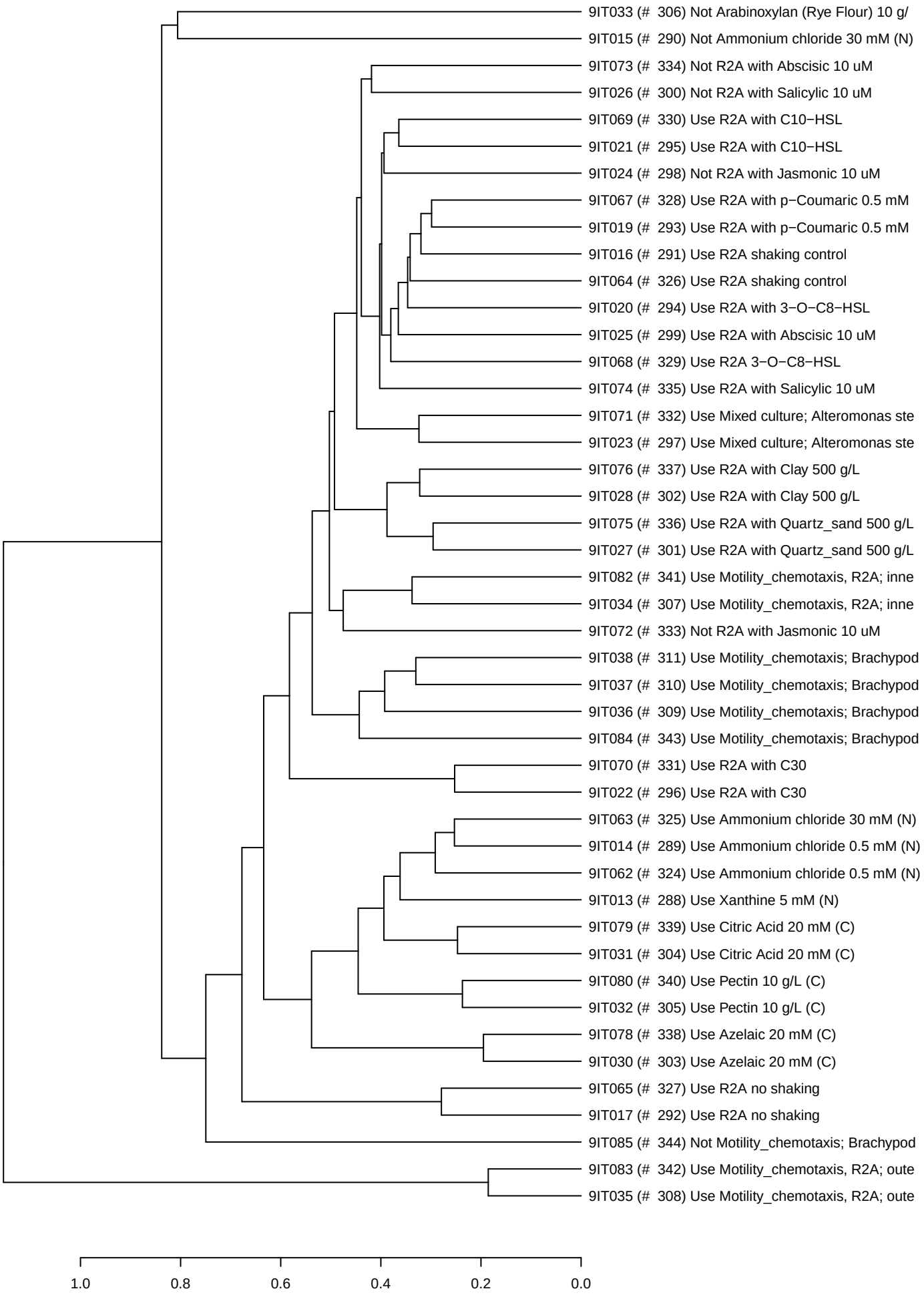


07/02/21 Burkholderia_OAS925_ML2_set8 and similar experiments (clustered by fitness)

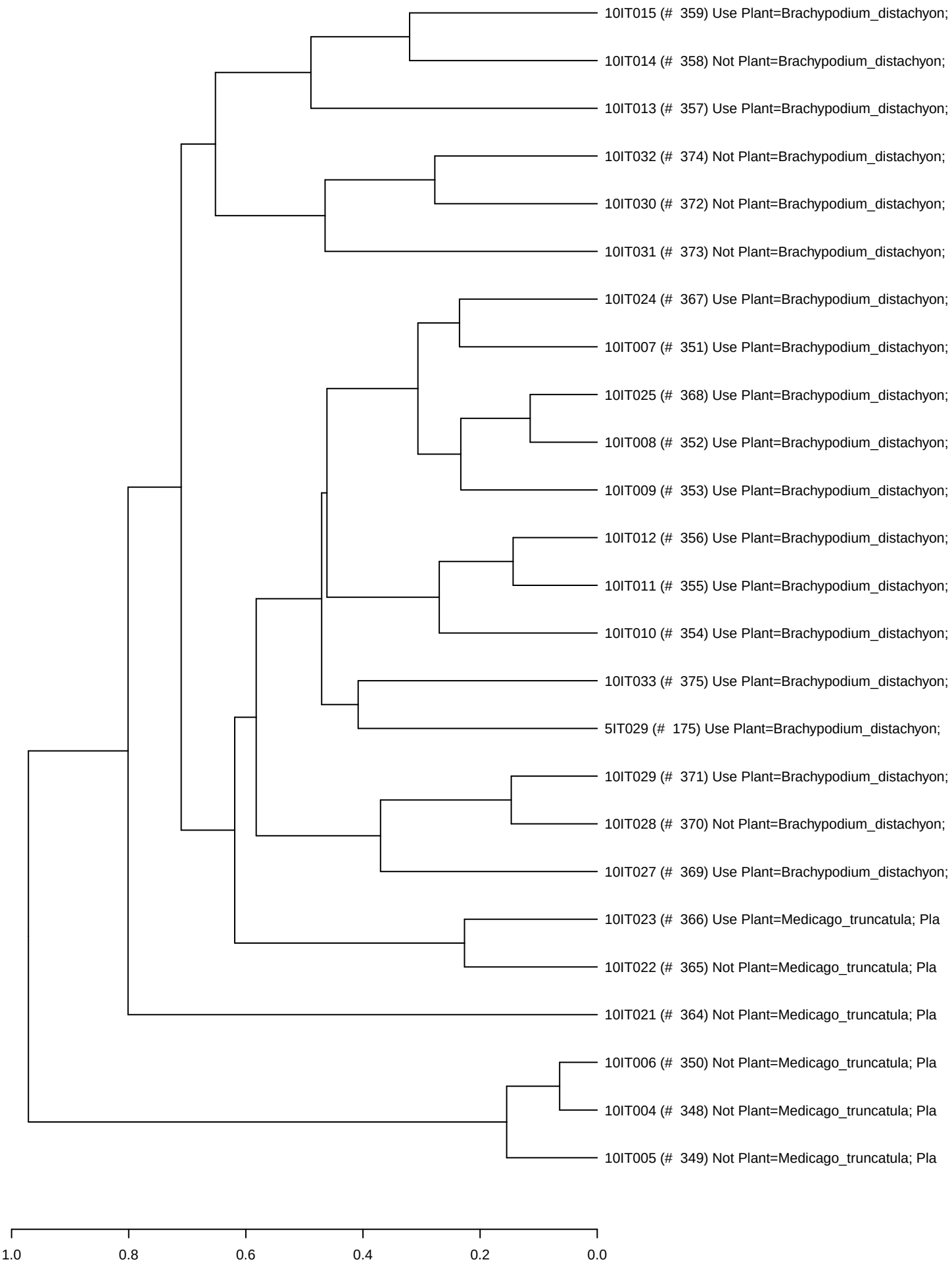



04−Jul−21 Burkholderia_OAS925_ML2_set9 and similar experiments
(clustered by fitness)
9IT055 (# 318) Not R2A with Brachypodium root lys
9IT007 (# 282) Not R2A with Brachypodium root lys
9IT050 (# 313) Use R2A with Tricalcium phosphate
9IT002 (# 277) Use R2A with Tricalcium phosphate
9IT051 (# 314) Not R2A with Scopoletin 0.5 mM
9IT005 (# 280) Not R2A 3−O−C8−HSL
9IT006 (# 281) Not R2A with C10−HSL
9IT054 (# 317) Not R2A with C10−HSL
9IT053 (# 316) Not R2A with 3−O−C8−HSL
9IT003 (# 278) Not R2A with Scopoletin 0.5 mM
9IT057 (# 320) Use Laminarin 10 g/L (C)
9IT009 (# 284) Use Laminarin 10 g/L (C)
9IT056 (# 319) Use Shikimic Acid 5 mM (C)
9IT008 (# 283) Use Shikimic Acid 5 mM (C)
9IT058 (# 321) Use Acetylated xylan 10 g/L (C)
9IT010 (# 285) Use Acetylated xylan 10 g/L (C)
9IT059 (# 322) Not O−methyl−D−glucuronoxylan 10 g
9IT011 (# 286) Not O−methyl−D−glucuronoxylan 10 g
9IT052 (# 315) Not R2A with Scopoletin 2 mM
9IT004 (# 279) Not R2A with Scopoletin 2 mM
0.8
0.6
0.4
0.2
0.0

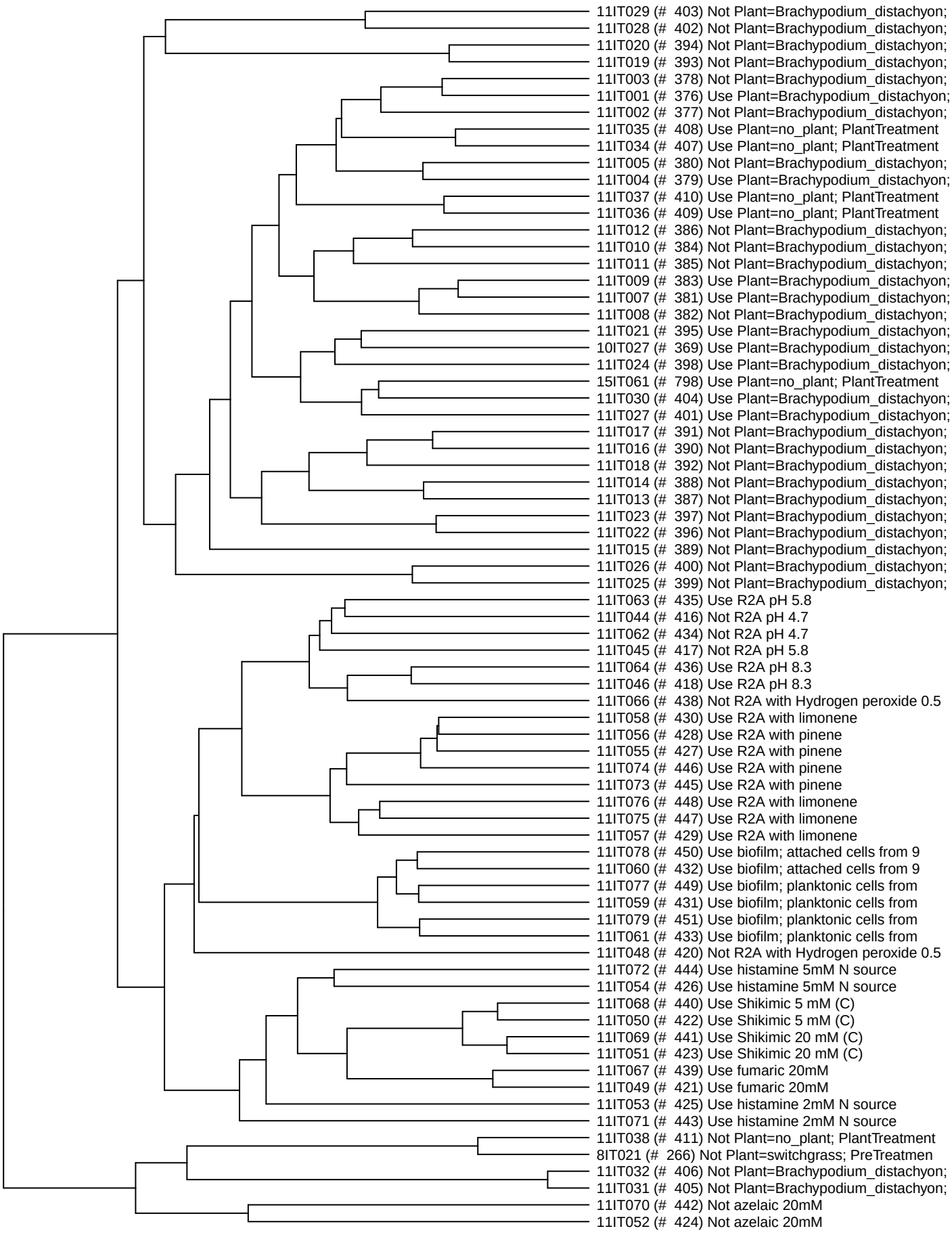
29−Jul−21 Burkholderia_OAS925_ML2_set9 and similar experiments (clustered by fitness)



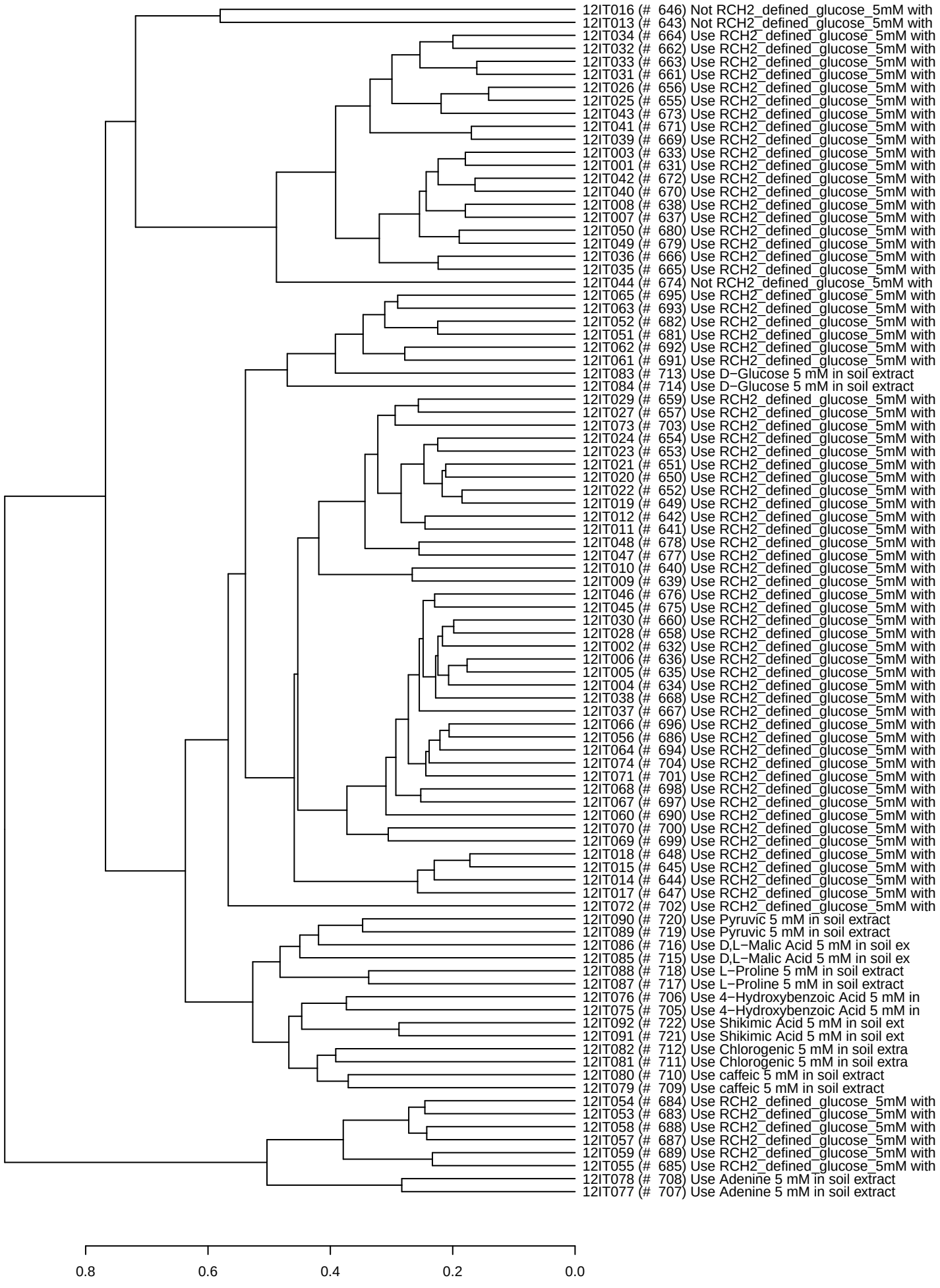
02−Aug−21 Burkholderia_OAS925_ML2_set10 and similar experiments (clustered by fitness)



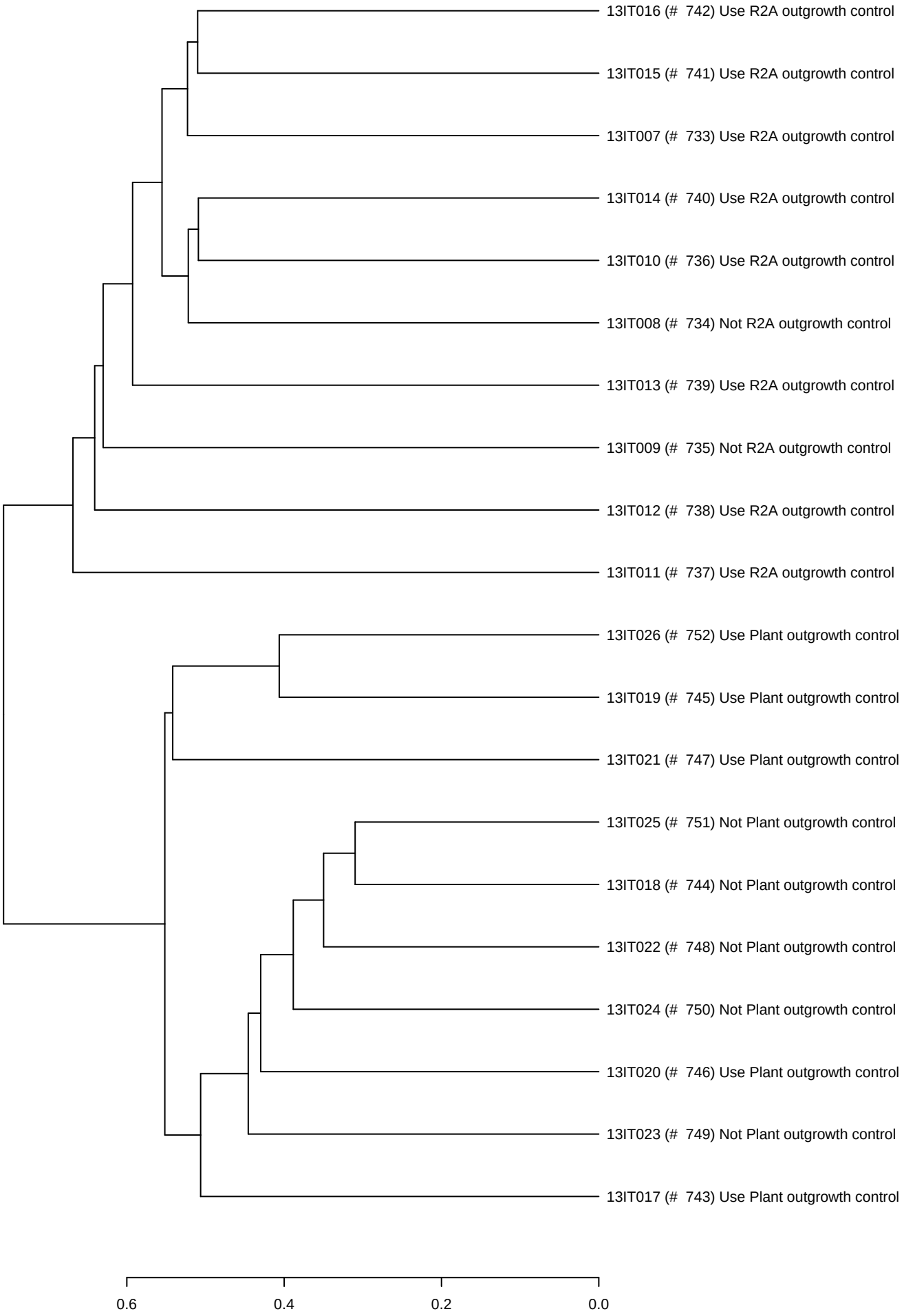
26−Aug−21 Burkholderia_OAS925_ML2_set11 and similar experiments (clustered by fitness)



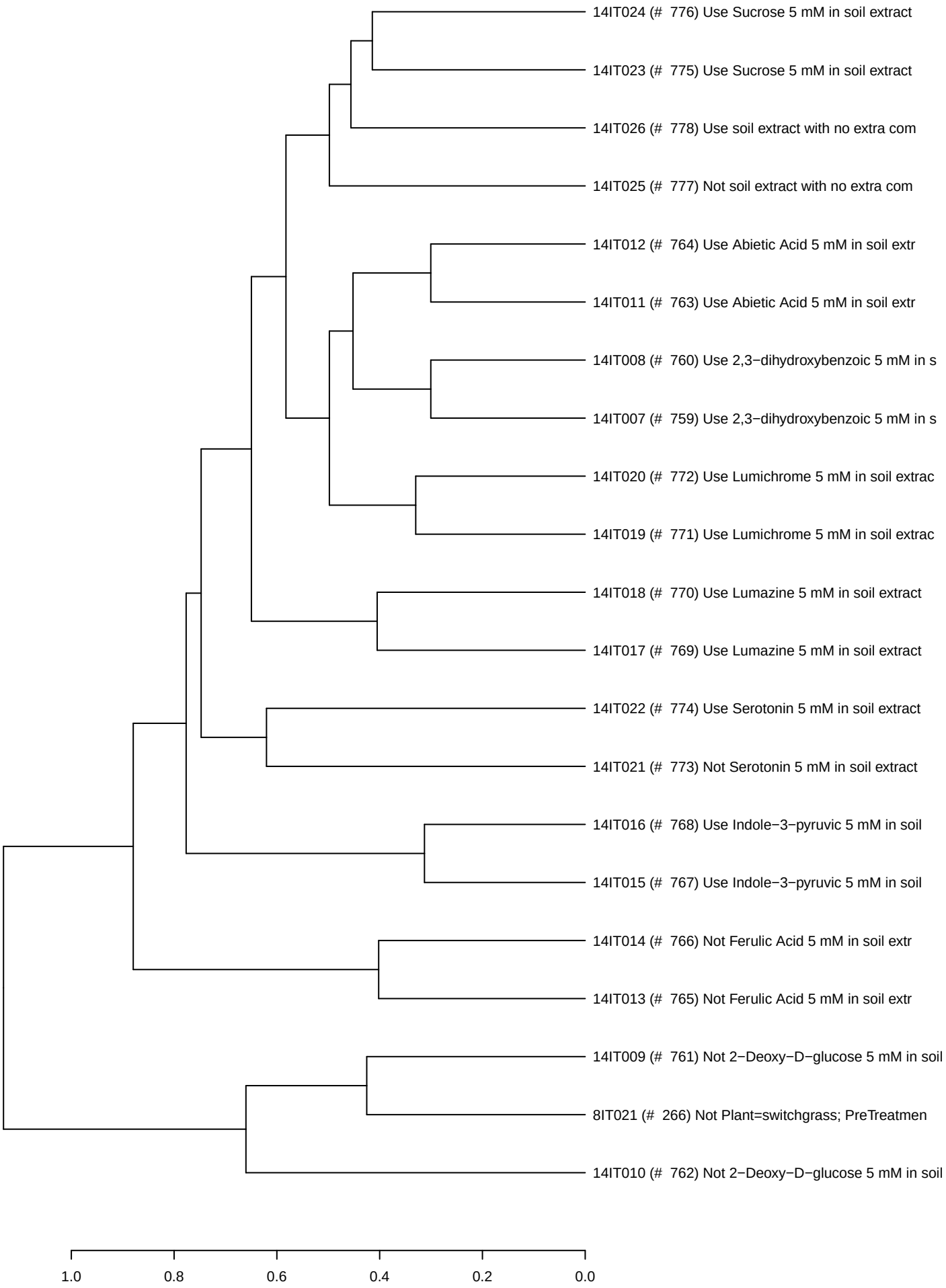
15−Mar−22 Burkholderia_OAS925_ML2_set12 and similar experiments (clustered by fitness)



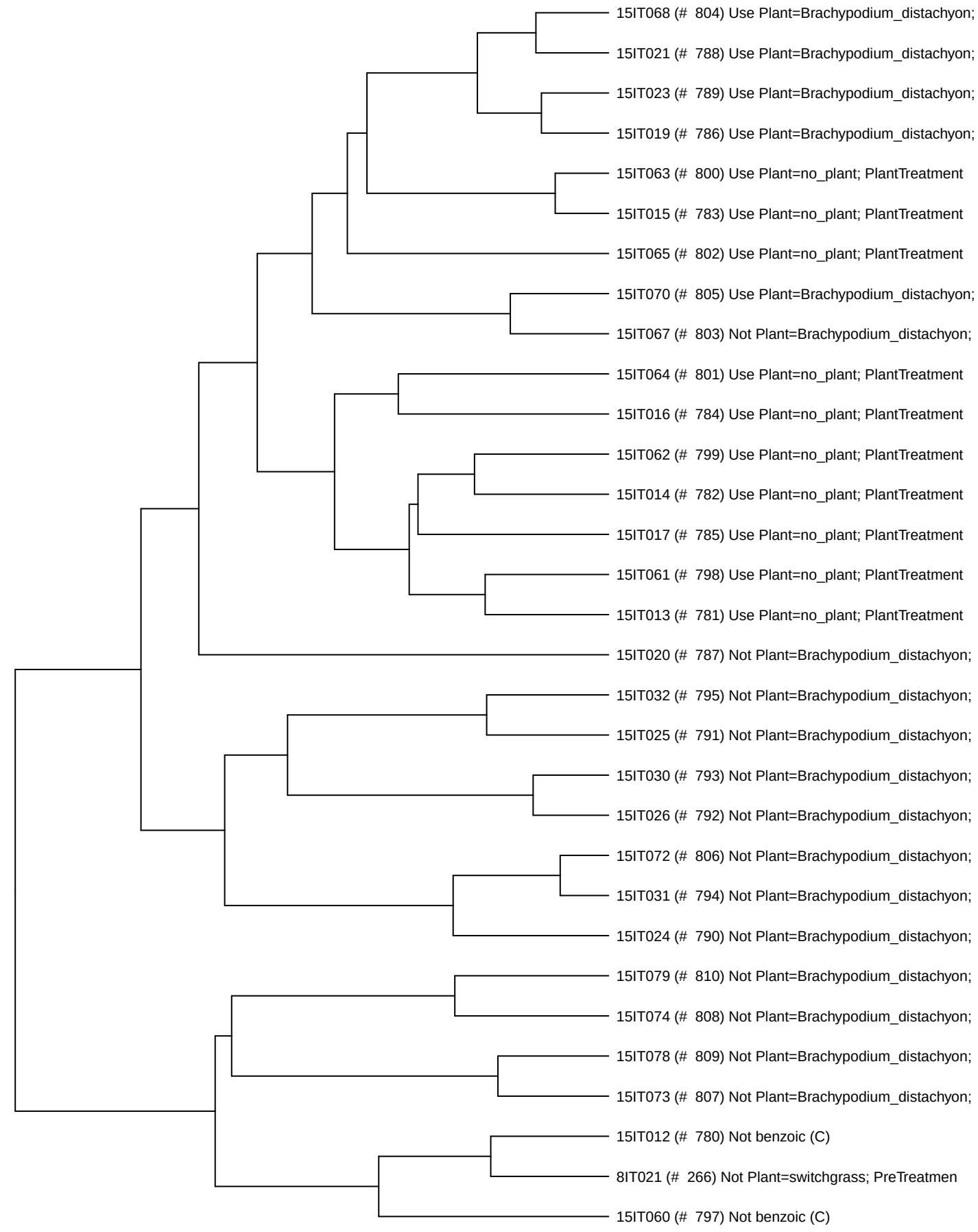
15−Mar−22 Burkholderia_OAS925_ML2_set13 and similar experiments (clustered by fitness)

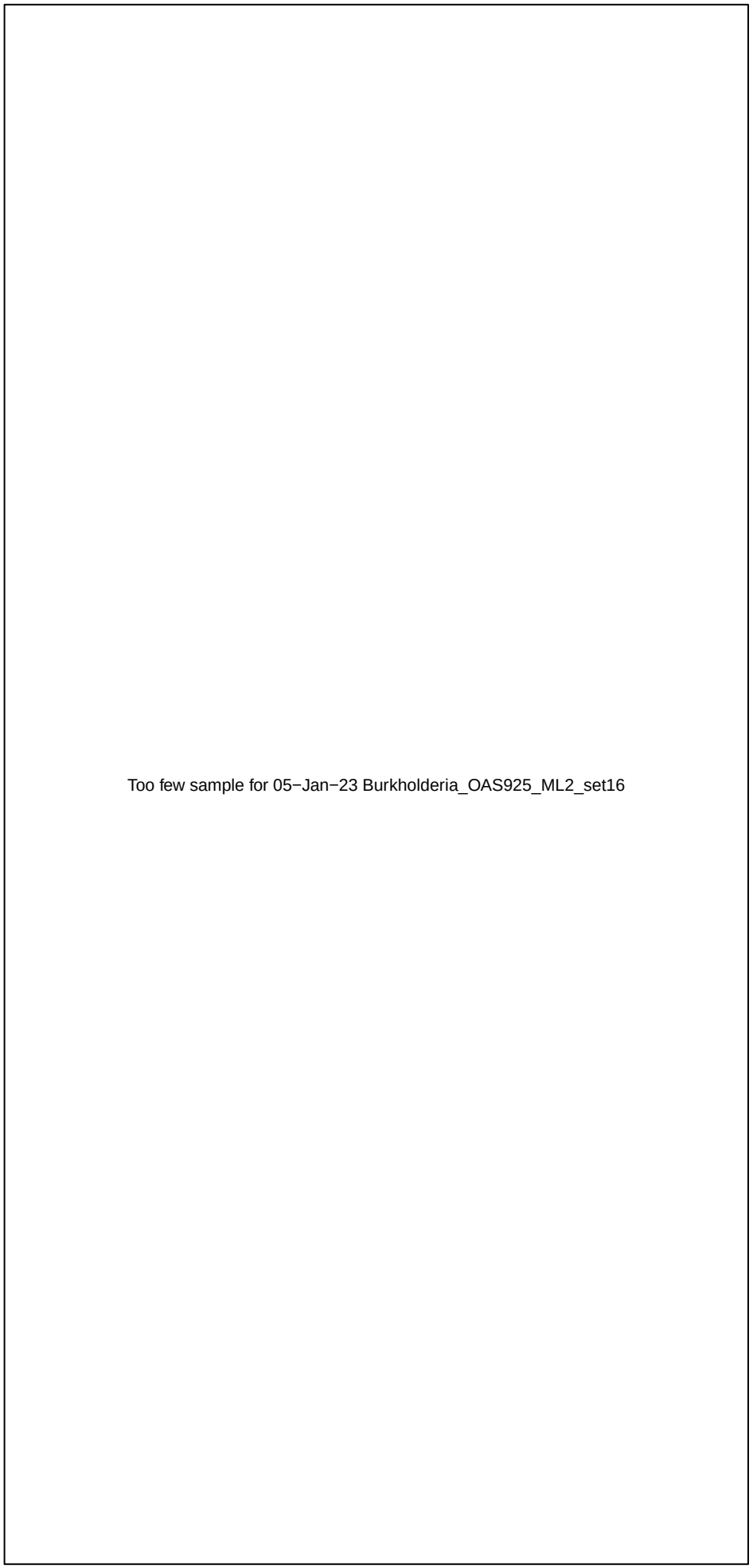


15−Mar−22 Burkholderia_OAS925_ML2_set14 and similar experiments (clustered by fitness)

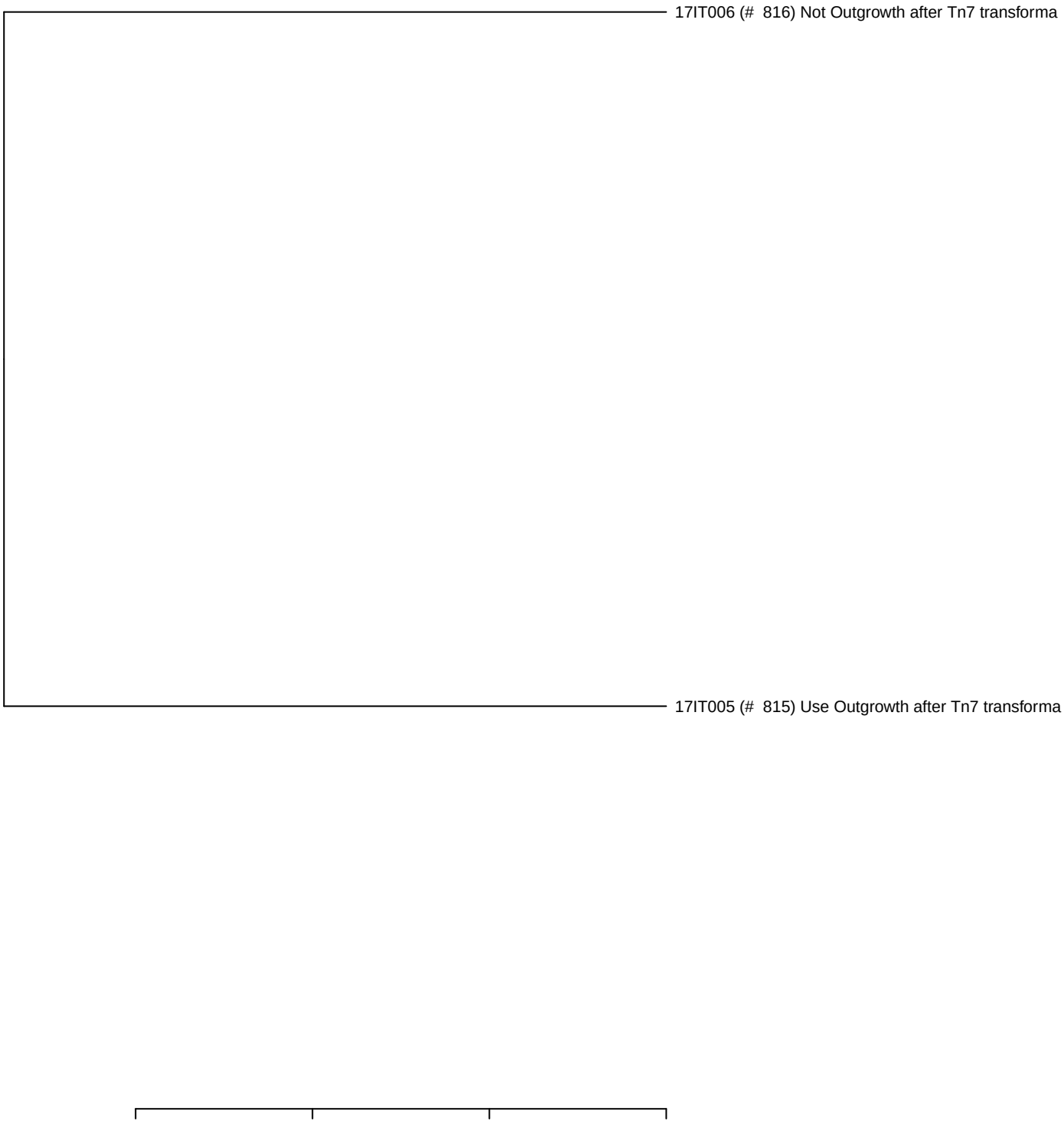


18−Apr−22 Burkholderia_OAS925_ML2_set15 and similar experiments (clustered by fitness)

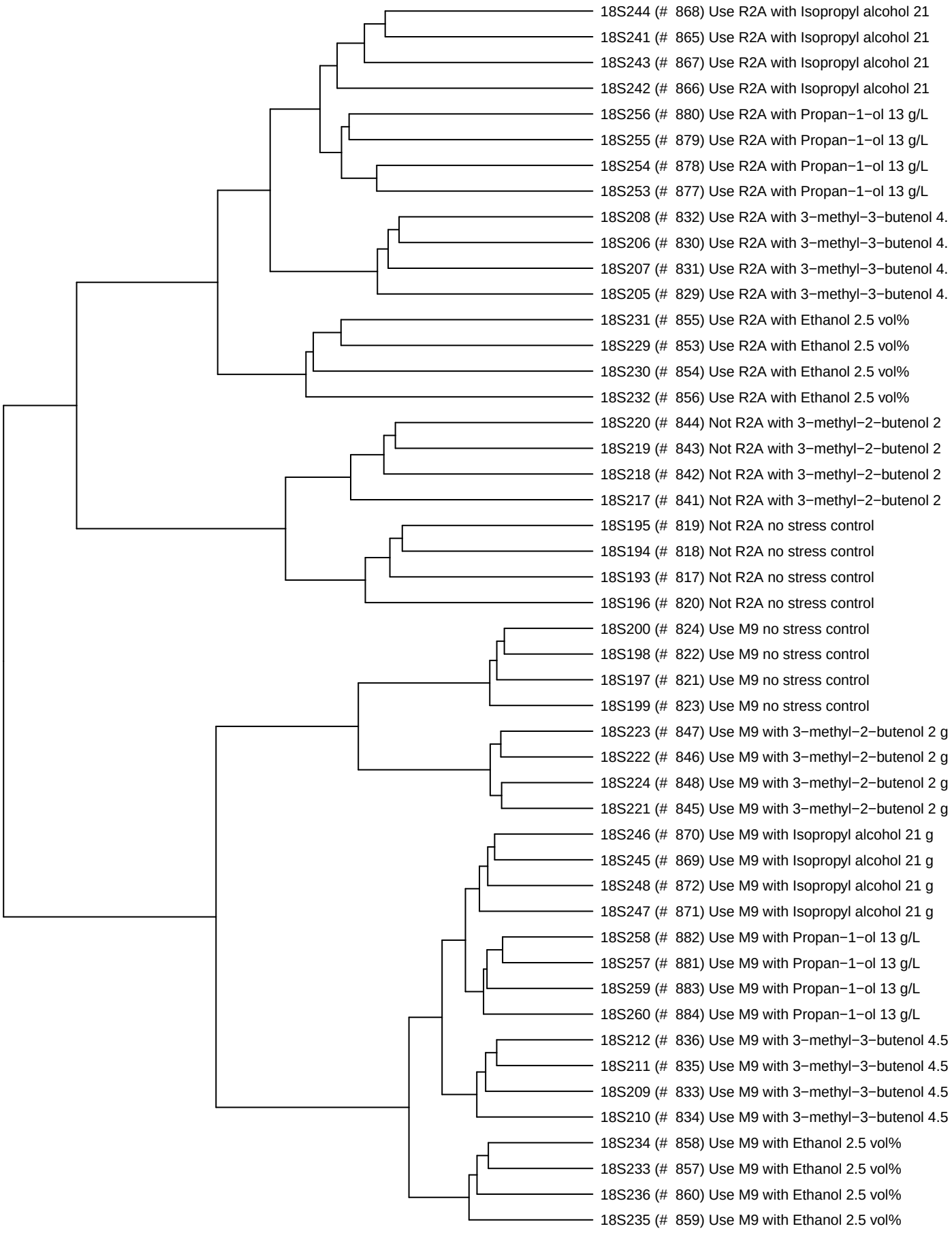



Too few sample for 05−Jan−23 Burkholderia_OAS925_ML2_set16

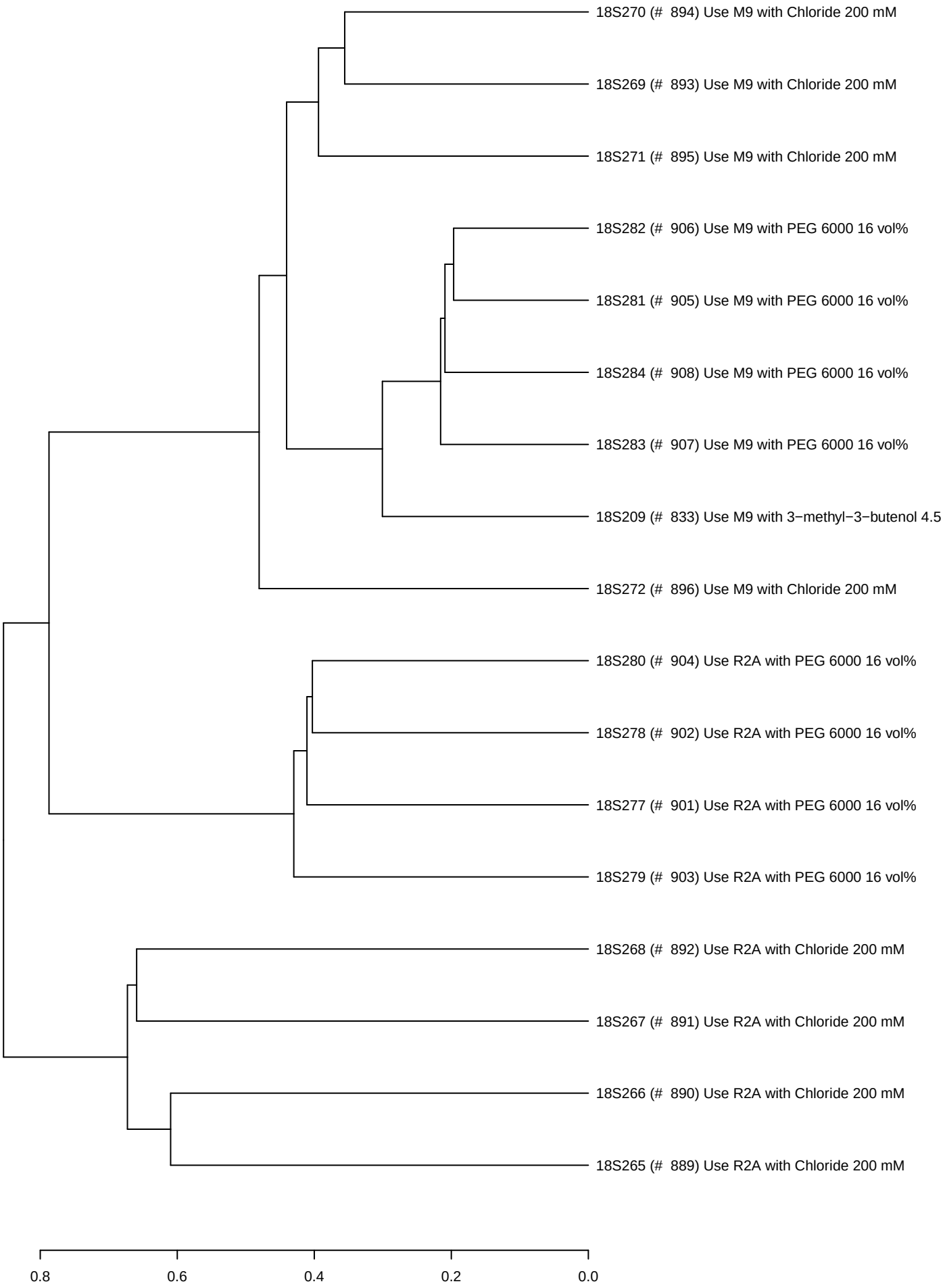
05−Jan−23 and similar experiments
(clustered by fitness)



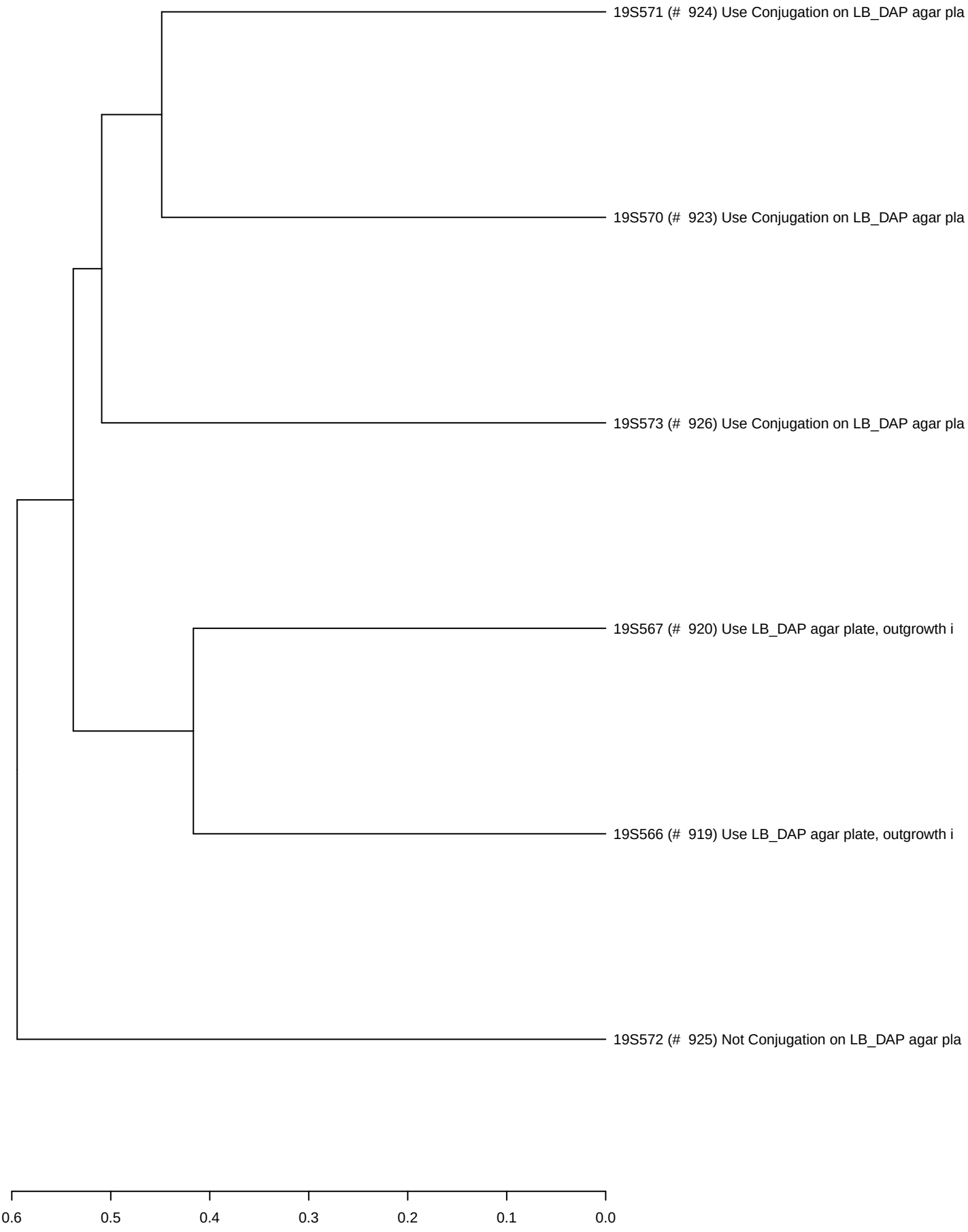
10/02/23 Burkholderia_OAS925_ML2_set18 and similar experiments (clustered by fitness)



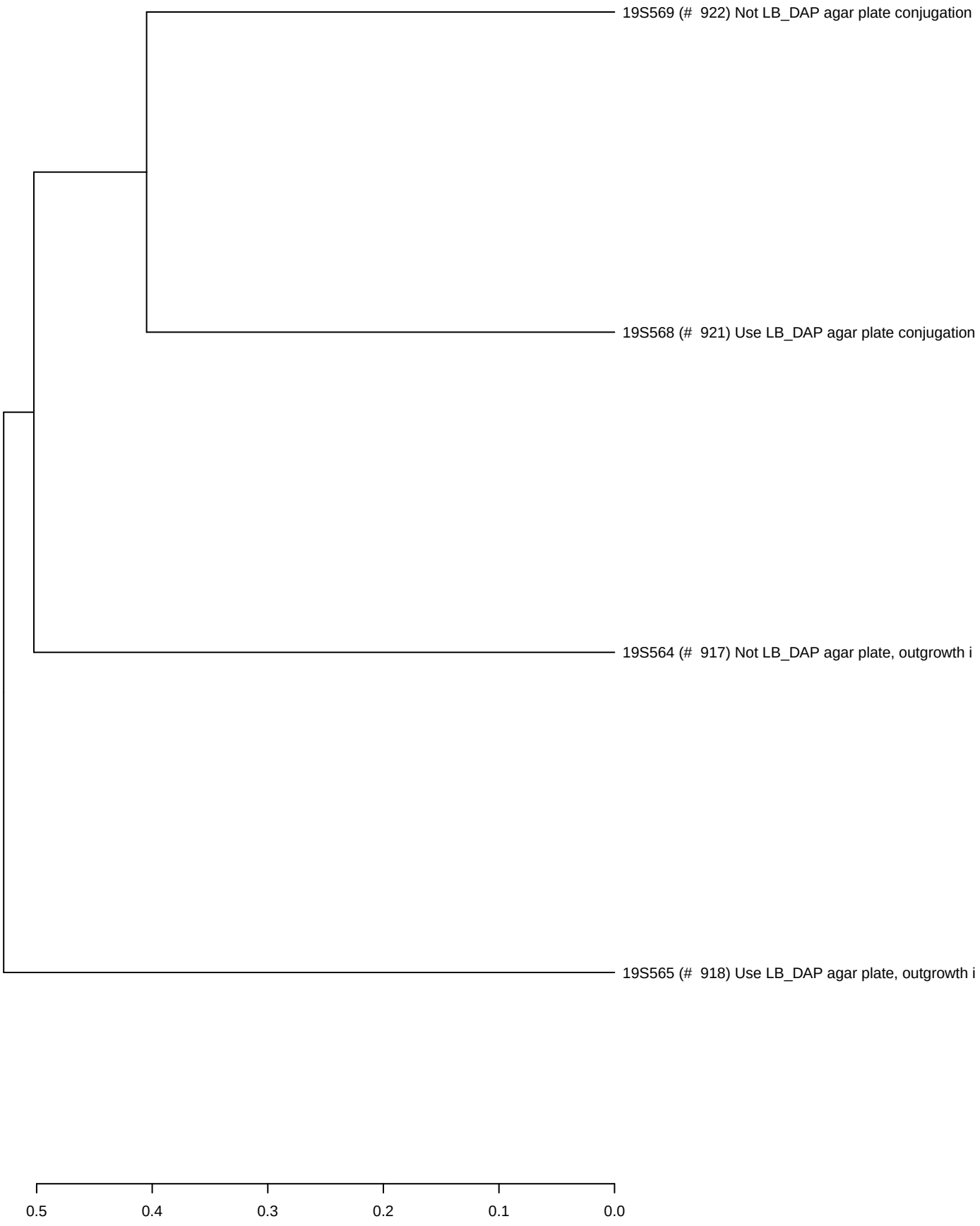
12/02/23 Burkholderia_OAS925_ML2_set18 and similar experiments (clustered by fitness)



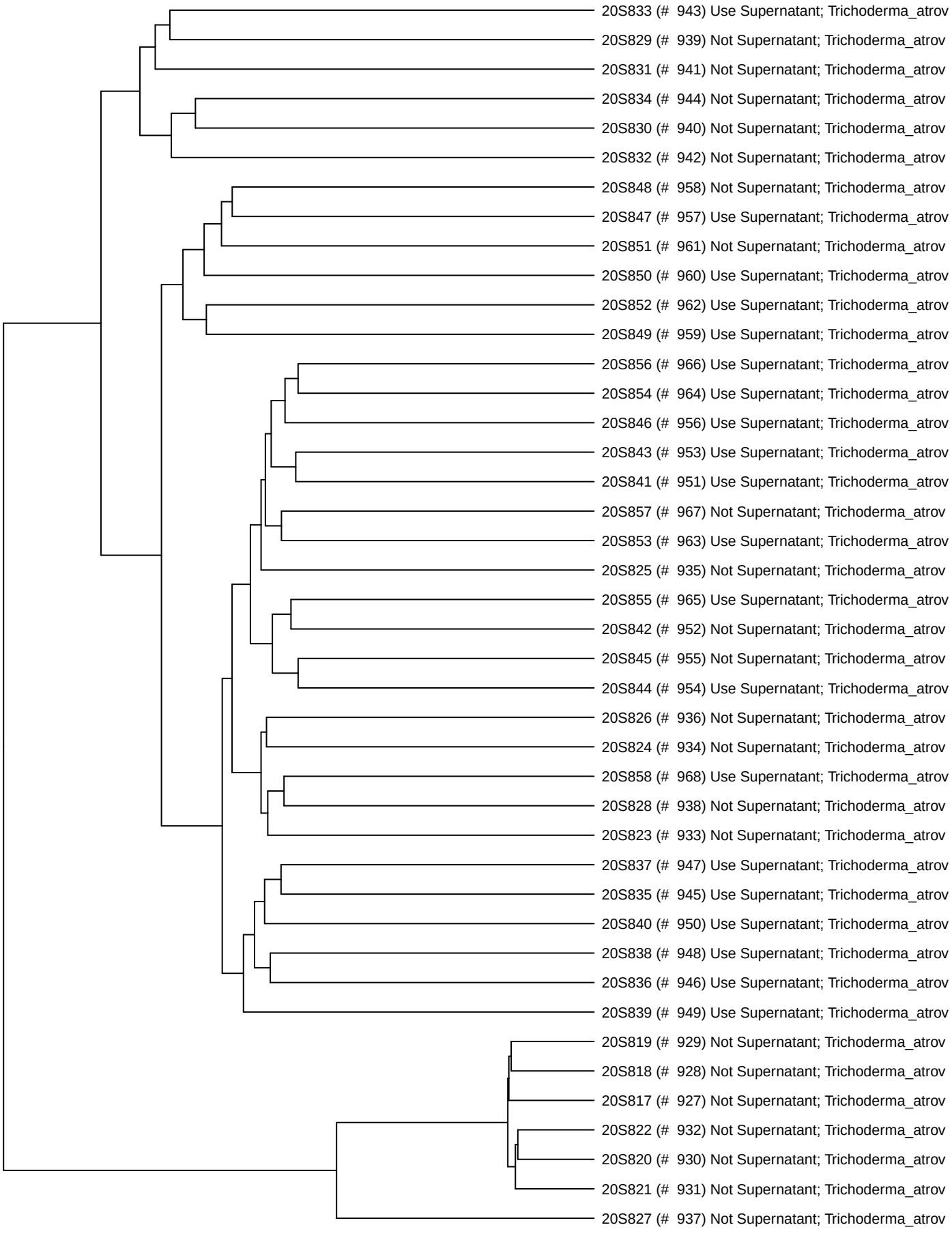
21−Mar−23 Burkholderia_OAS925_ML2_set19 and similar experiments (clustered by fitness)

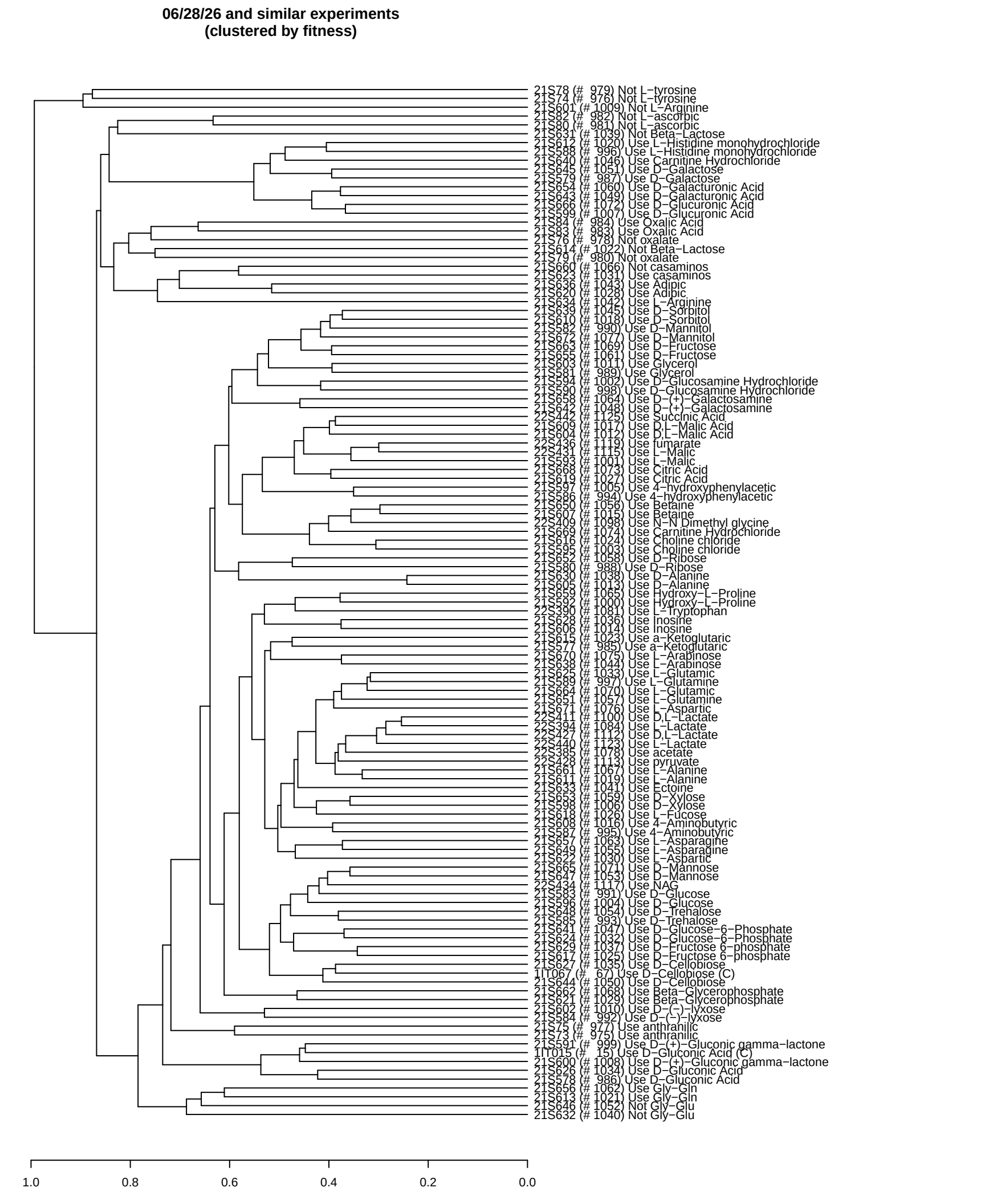


25−Mar−23 Burkholderia_OAS925_ML2_set19 and similar experiments (clustered by fitness)



04/02/26 Burkholderia_OAS925_ML2_set20 and similar experiments (clustered by fitness)




06/28/26 and similar experiments
(clustered by fitness)
21S78 (# 979) Not L−tyrosine
21S74 (# 976) Not L−tyrosine
21S601 (# 1009) Not L−Arginine
21S82 (# 982) Not L−ascorbic
21S80 (# 981) Not L−ascorbic
21S631 (# 1039) Not Beta−Lactose
21S612 (# 1020) Use L−Histidine monohydrochloride
21S588 (# 996) Use L−Histidine monohydrochloride
21S640 (# 1046) Use Carnitine Hydrochloride
21S645 (# 1051) Use D−Galactose
21S579 (# 987) Use D−Galactose
21S654 (# 1060) Use D−Galacturonic Acid
21S643 (# 1049) Use D−Galacturonic Acid
21S666 (# 1072) Use D−Glucuronic Acid
21S599 (# 1007) Use D−Glucuronic Acid
21S84 (# 984) Use Oxalic Acid
21S83 (# 983) Use Oxalic Acid
21S76 (# 978) Not oxalate
21S614 (# 1022) Not Beta−Lactose
21S79 (# 980) Not oxalate
21S660 (# 1066) Not casaminos
21S623 (# 1031) Use casaminos
21S636 (# 1043) Use Adipic
21S620 (# 1028) Use Adipic
21S634 (# 1042) Use L−Arginine
21S639 (# 1045) Use D−Sorbitol
21S610 (# 1018) Use D−Sorbitol
21S582 (# 990) Use D−Mannitol
21S672 (# 1077) Use D−Mannitol
21S663 (# 1069) Use D−Fructose
21S655 (# 1061) Use D−Fructose
21S603 (# 1011) Use Glycerol
21S581 (# 989) Use Glycerol
21S594 (# 1002) Use D−Glucosamine Hydrochloride
21S590 (# 998) Use D−Glucosamine Hydrochloride
21S658 (# 1064) Use D−(+)−Galactosamine
21S642 (# 1048) Use D−(+)−Galactosamine
22S442 (# 1125) Use Succinic Acid
21S609 (# 1017) Use D,L−Malic Acid
21S604 (# 1012) Use D,L−Malic Acid
22S436 (# 1119) Use fumarate
22S431 (# 1115) Use L−Malic
21S593 (# 1001) Use L−Malic
21S668 (# 1073) Use Citric Acid
21S619 (# 1027) Use Citric Acid
21S597 (# 1005) Use 4−hydroxyphenylacetic
21S586 (# 994) Use 4−hydroxyphenylacetic
21S650 (# 1056) Use Betaine
21S607 (# 1015) Use Betaine
22S409 (# 1098) Use N−N Dimethyl glycine
21S669 (# 1074) Use Carnitine Hydrochloride
21S616 (# 1024) Use Choline chloride
21S595 (# 1003) Use Choline chloride
21S652 (# 1058) Use D−Ribose
21S580 (# 988) Use D−Ribose
21S630 (# 1038) Use D−Alanine
21S605 (# 1013) Use D−Alanine
21S659 (# 1065) Use Hydroxy−L−Proline
21S592 (# 1000) Use Hydroxy−L−Proline
22S390 (# 1081) Use L−Tryptophan
21S628 (# 1036) Use Inosine
21S606 (# 1014) Use Inosine
21S615 (# 1023) Use a−Ketoglutaric
21S577 (# 985) Use a−Ketoglutaric
21S670 (# 1075) Use L−Arabinose
21S638 (# 1044) Use L−Arabinose
21S625 (# 1033) Use L−Glutamic
21S589 (# 997) Use L−Glutamine
21S664 (# 1070) Use L−Glutamic
21S651 (# 1057) Use L−Glutamine
21S671 (# 1076) Use L−Aspartic
22S411 (# 1100) Use D,L−Lactate
22S394 (# 1084) Use L−Lactate
22S427 (# 1112) Use D,L−Lactate
22S440 (# 1123) Use L−Lactate
22S385 (# 1078) Use acetate
22S428 (# 1113) Use pyruvate
21S661 (# 1067) Use L−Alanine
21S611 (# 1019) Use L−Alanine
21S633 (# 1041) Use Ectoine
21S653 (# 1059) Use D−Xylose
21S598 (# 1006) Use D−Xylose
21S618 (# 1026) Use L−Fucose
21S608 (# 1016) Use 4−Aminobutyric
21S587 (# 995) Use 4−Aminobutyric
21S657 (# 1063) Use L−Asparagine
21S649 (# 1055) Use L−Asparagine
21S622 (# 1030) Use L−Aspartic
21S665 (# 1071) Use D−Mannose
21S647 (# 1053) Use D−Mannose
22S434 (# 1117) Use NAG
21S583 (# 991) Use D−Glucose
21S596 (# 1004) Use D−Glucose
21S648 (# 1054) Use D−Trehalose
21S585 (# 993) Use D−Trehalose
21S641 (# 1047) Use D−Glucose−6−Phosphate
21S624 (# 1032) Use D−Glucose−6−Phosphate
21S629 (# 1037) Use D−Fructose 6−phosphate
21S617 (# 1025) Use D−Fructose 6−phosphate
21S627 (# 1035) Use D−Cellobiose
1IT067 (# 67) Use D−Cellobiose (C)
21S644 (# 1050) Use D−Cellobiose
21S662 (# 1068) Use Beta−Glycerophosphate
21S621 (# 1029) Use Beta−Glycerophosphate
21S602 (# 1010) Use D−(−)−lyxose
21S584 (# 992) Use D−(−)−lyxose
21S75 (# 977) Use anthranilic
21S73 (# 975) Use anthranilic
21S591 (# 999) Use D−(+)−Gluconic gamma−lactone
1IT015 (# 15) Use D−Gluconic Acid (C)
21S600 (# 1008) Use D−(+)−Gluconic gamma−lactone
21S626 (# 1034) Use D−Gluconic Acid
21S578 (# 986) Use D−Gluconic Acid
21S656 (# 1062) Use Gly−Gln
21S613 (# 1021) Use Gly−Gln
21S646 (# 1052) Not Gly−Glu
21S632 (# 1040) Not Gly−Glu
1.0
0.8
0.6
0.4
0.2
0.0

06/28/26 Burkholderia_OAS925_ML2_set22 and similar experiments (clustered by fitness)

