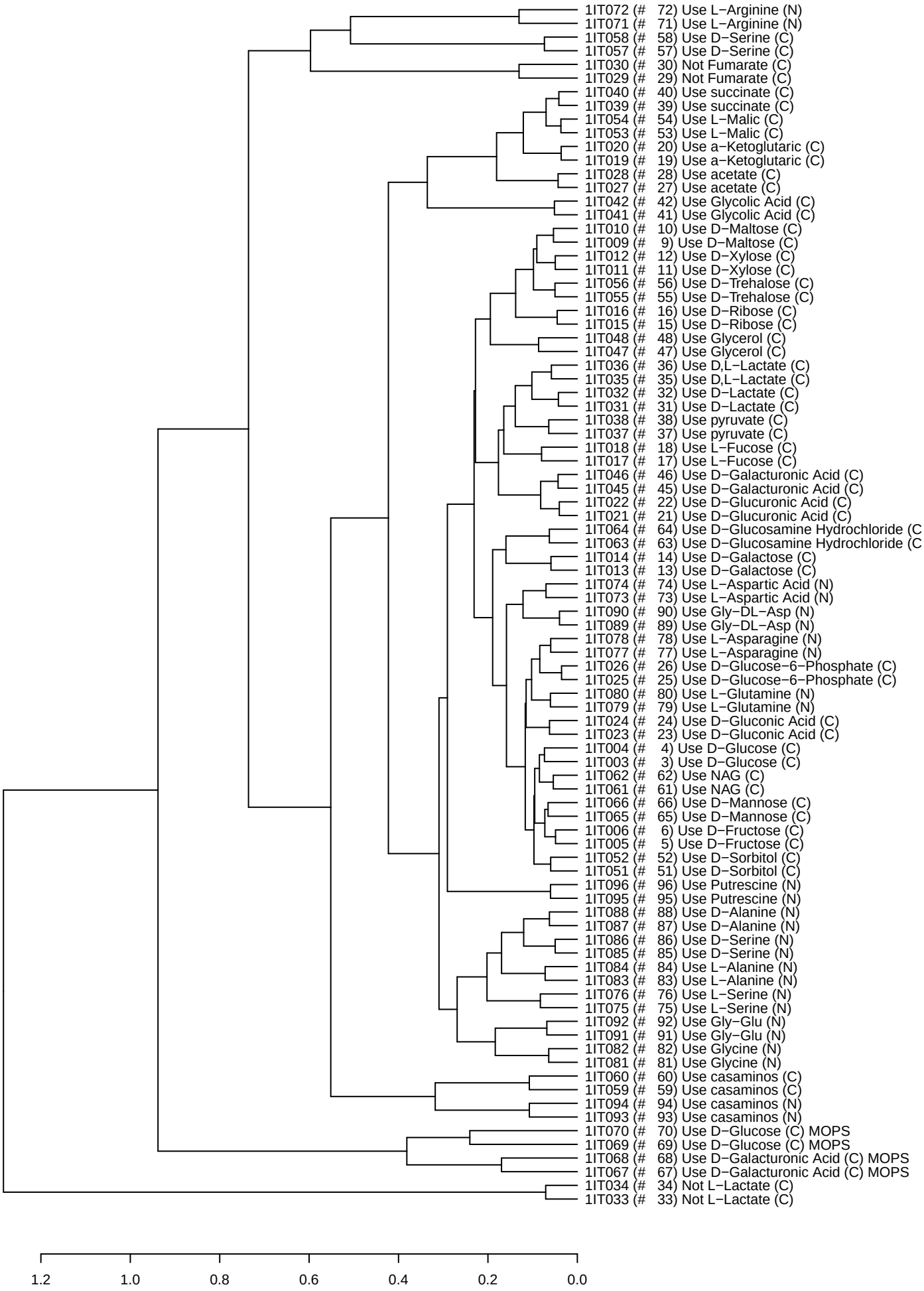
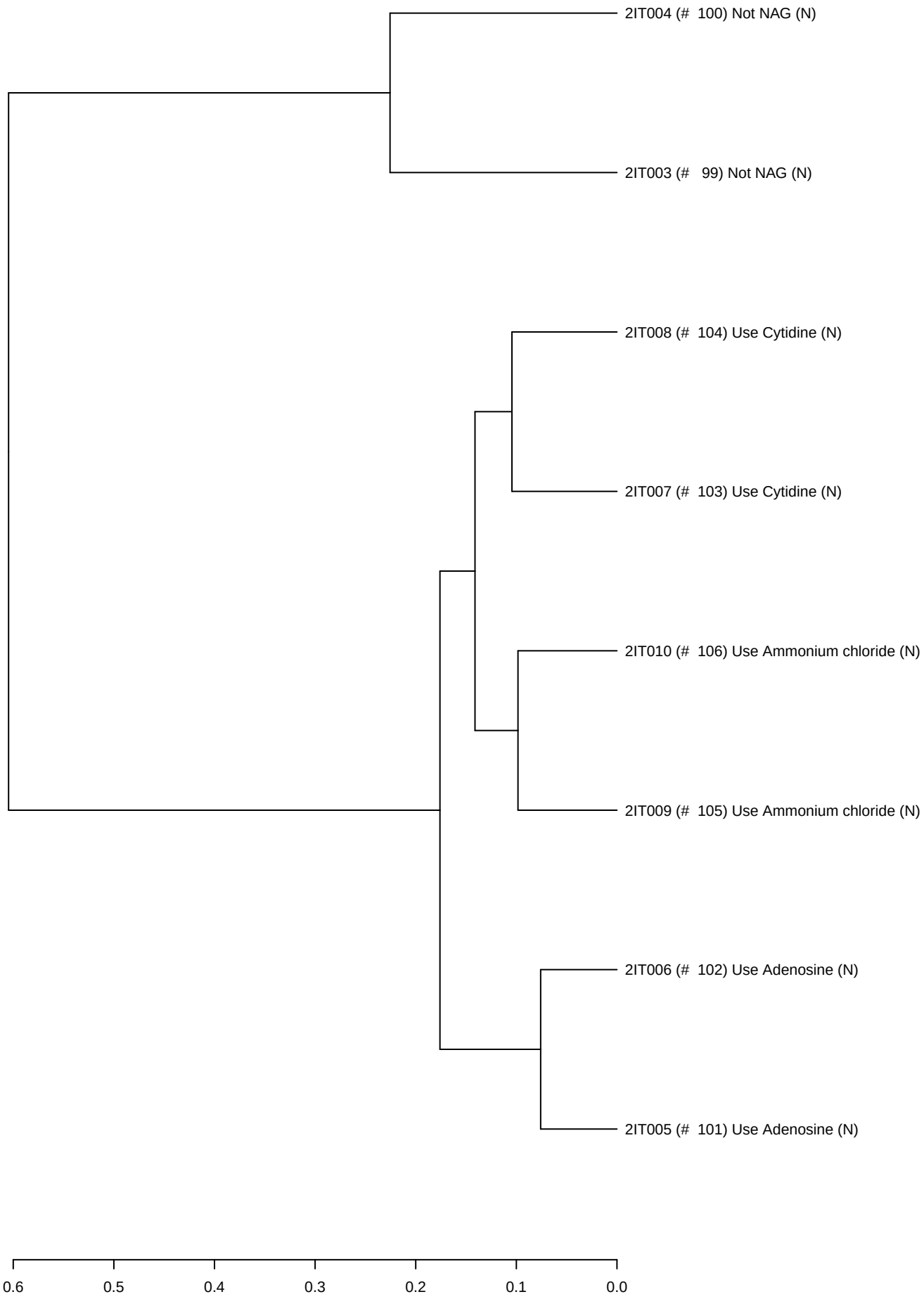
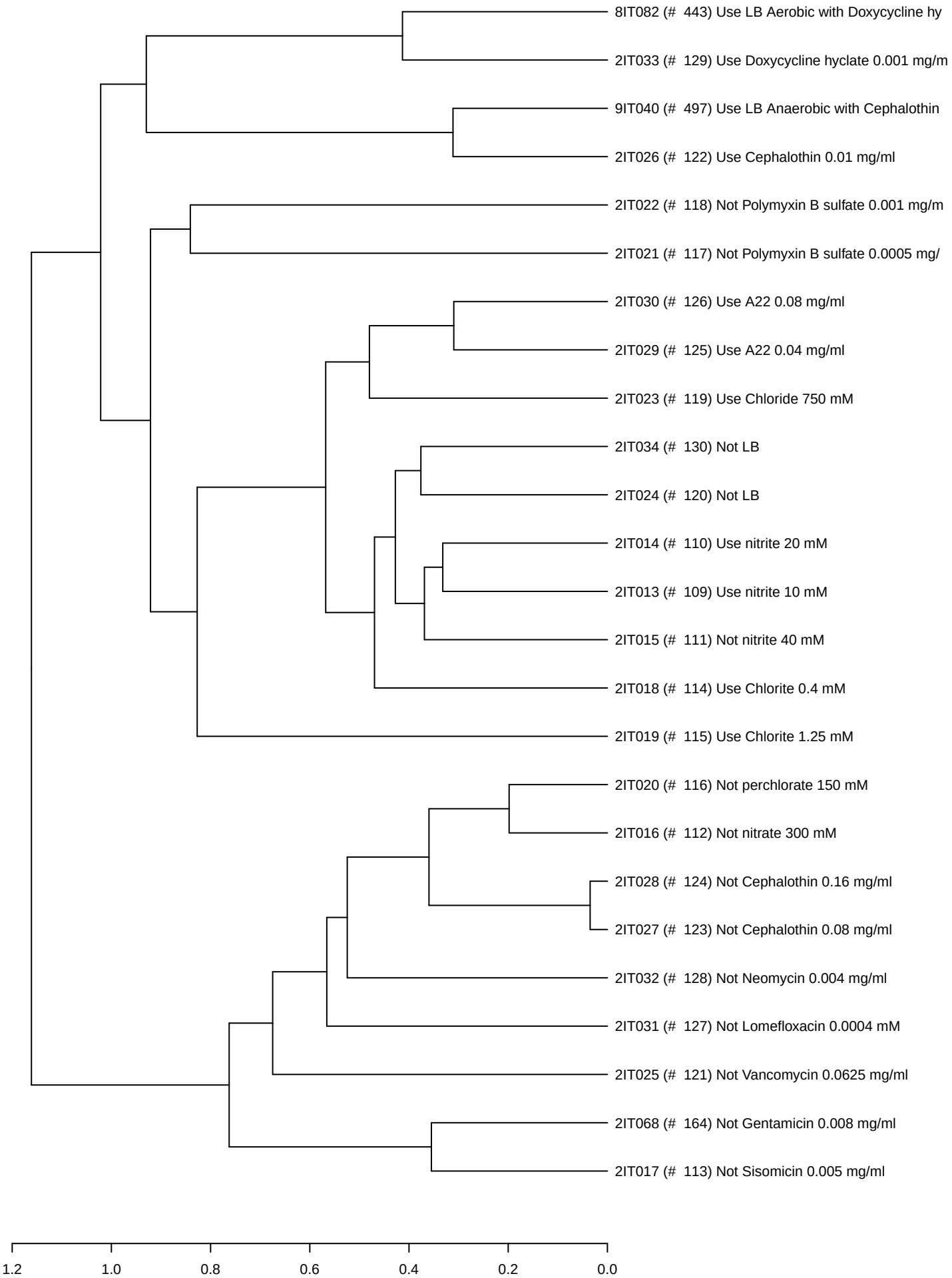
6/19/2014 Keio_ML9_set1 and similar experiments (clustered by fitness)



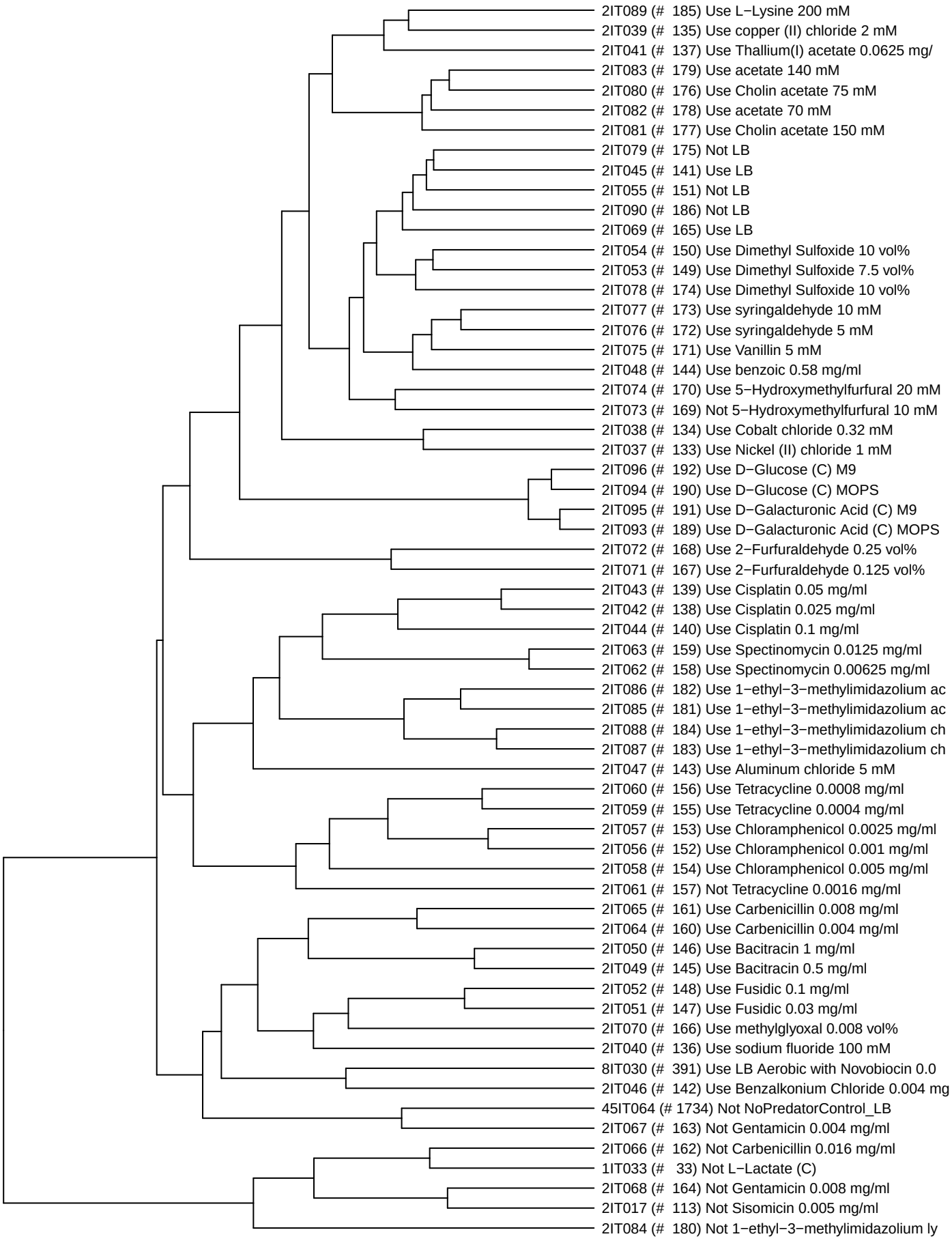
6/19/2014 Keio_ML9_set2 and similar experiments (clustered by fitness)

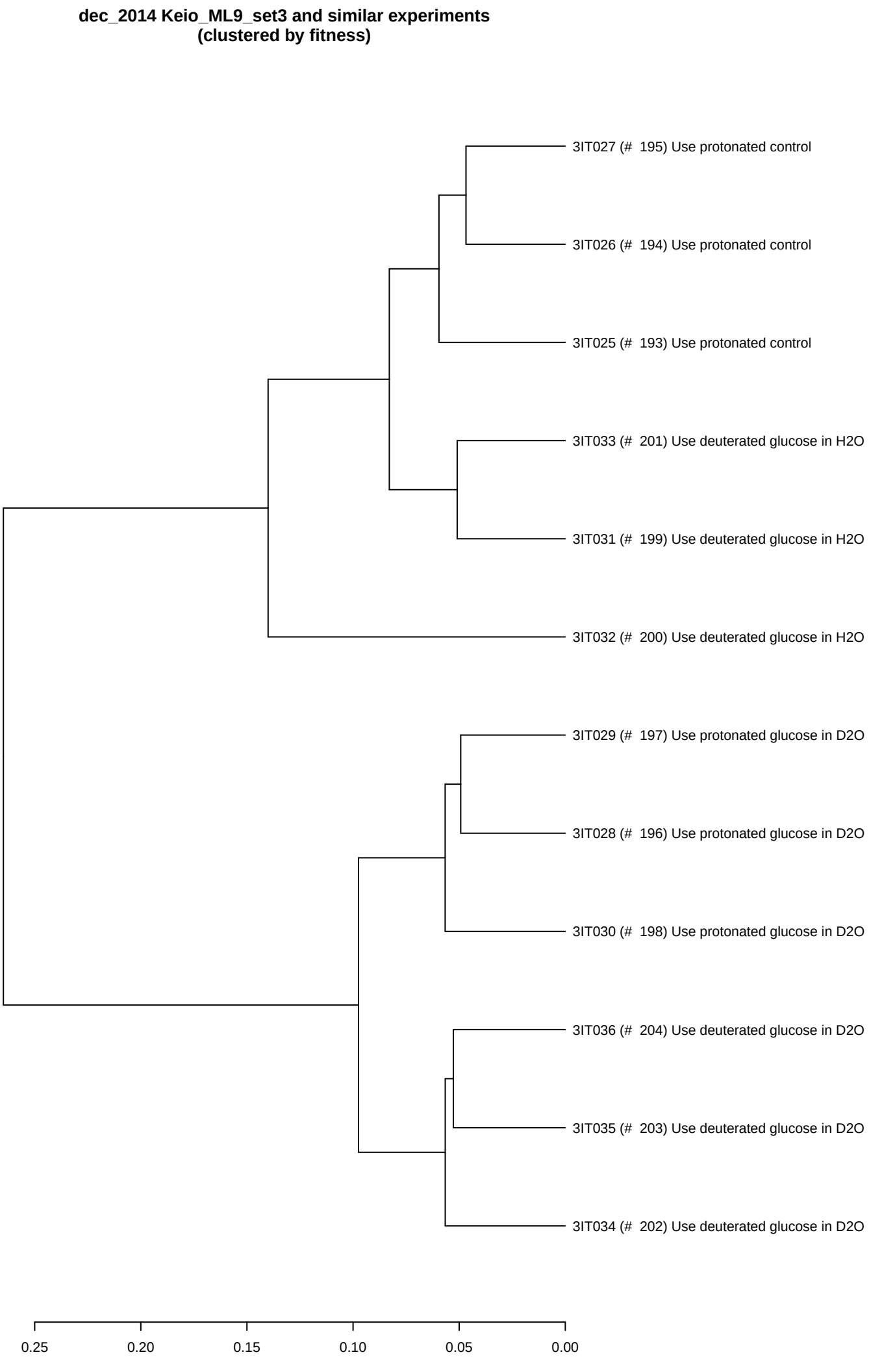


6/24/2014 Keio_ML9_set2 and similar experiments (clustered by fitness)

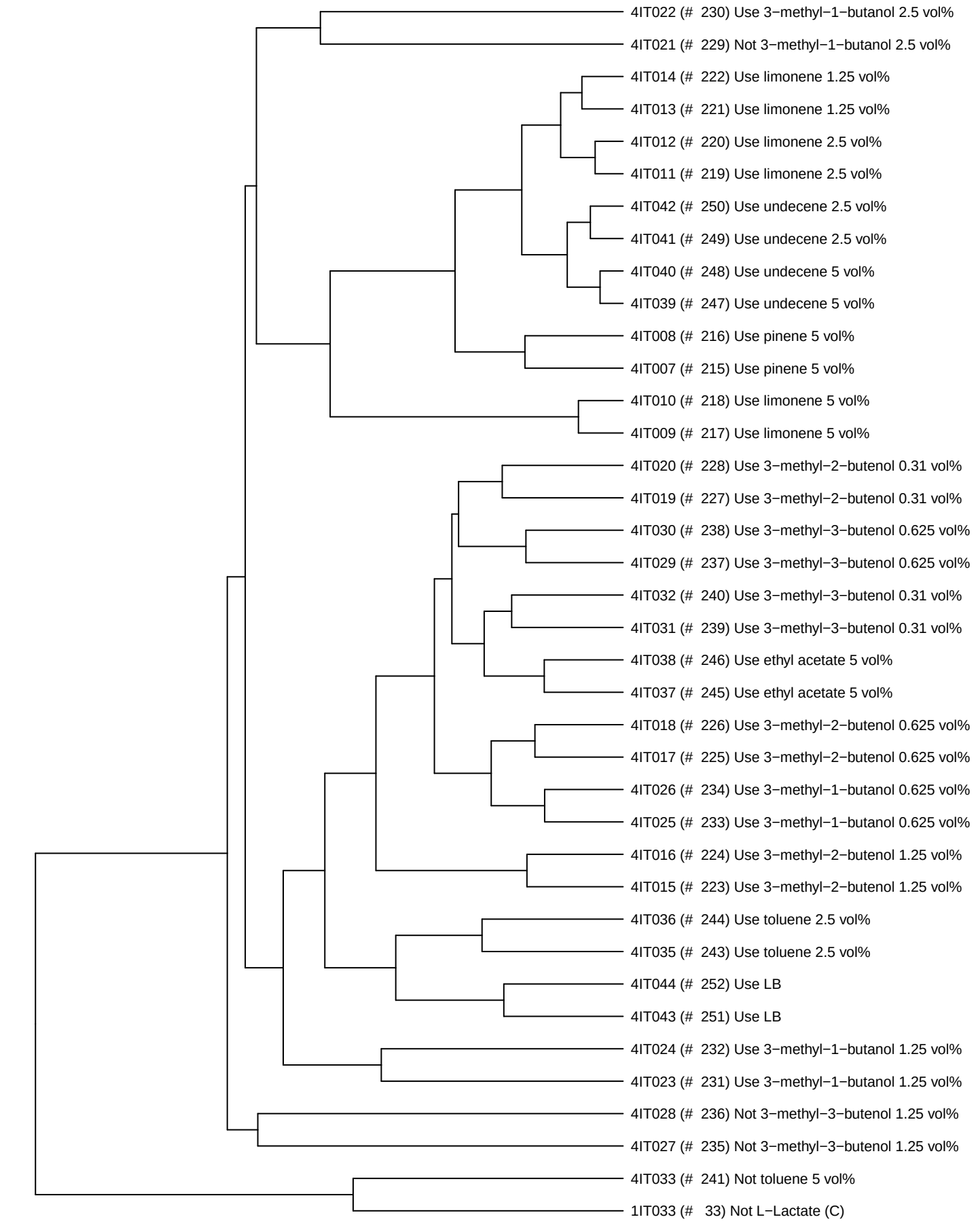


6/30/2014 Keio_ML9_set2 and similar experiments (clustered by fitness)

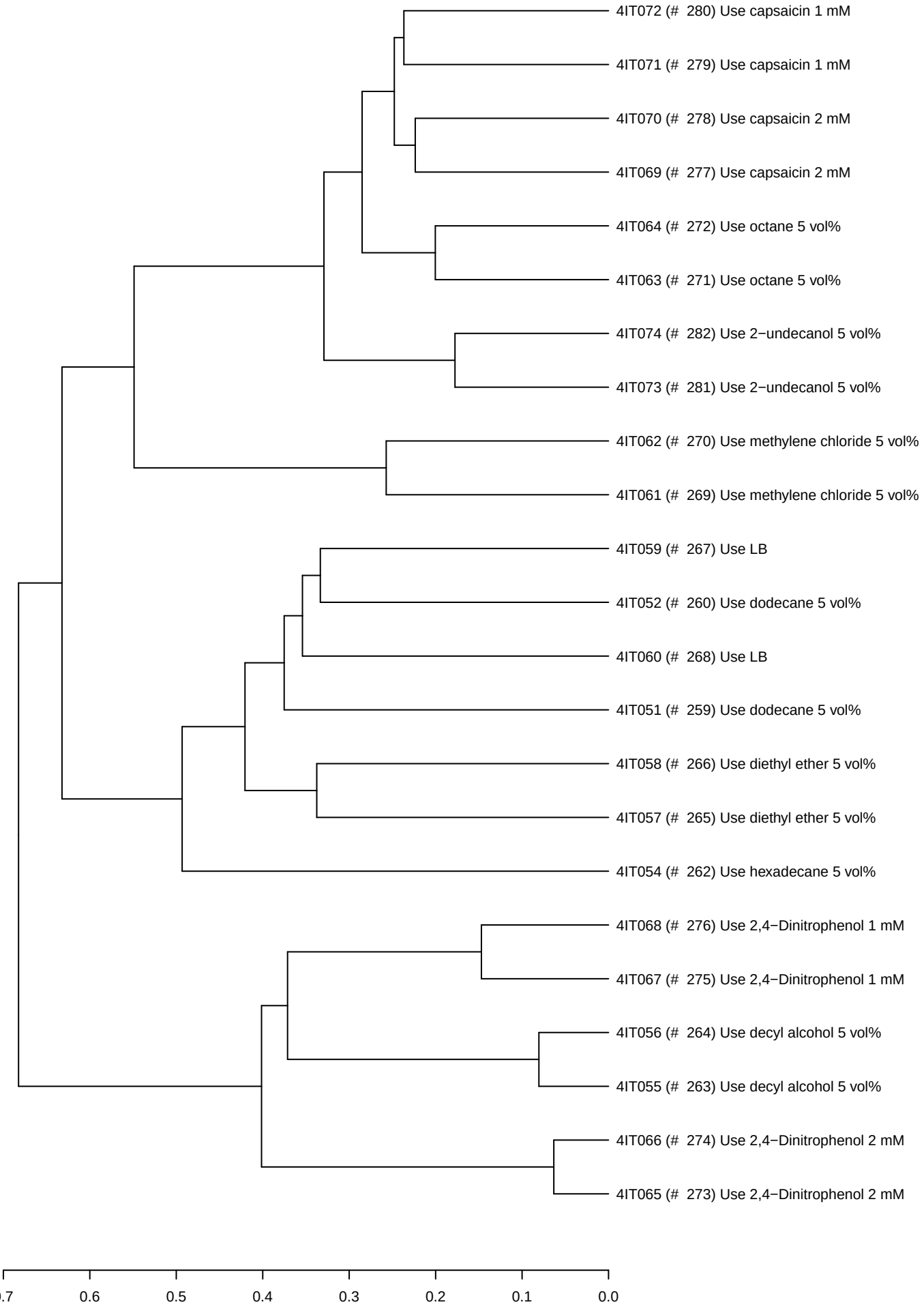



dec_2014 Keio_ML9_set3 and similar experiments
(clustered by fitness)
3IT027 (# 195) Use protonated control
3IT026 (# 194) Use protonated control
3IT025 (# 193) Use protonated control
3IT033 (# 201) Use deuterated glucose in H2O
3IT031 (# 199) Use deuterated glucose in H2O
3IT032 (# 200) Use deuterated glucose in H2O
3IT029 (# 197) Use protonated glucose in D2O
3IT028 (# 196) Use protonated glucose in D2O
3IT030 (# 198) Use protonated glucose in D2O
3IT036 (# 204) Use deuterated glucose in D2O
3IT035 (# 203) Use deuterated glucose in D2O
3IT034 (# 202) Use deuterated glucose in D2O
0.25
0.20
0.15
0.10
0.05
0.00

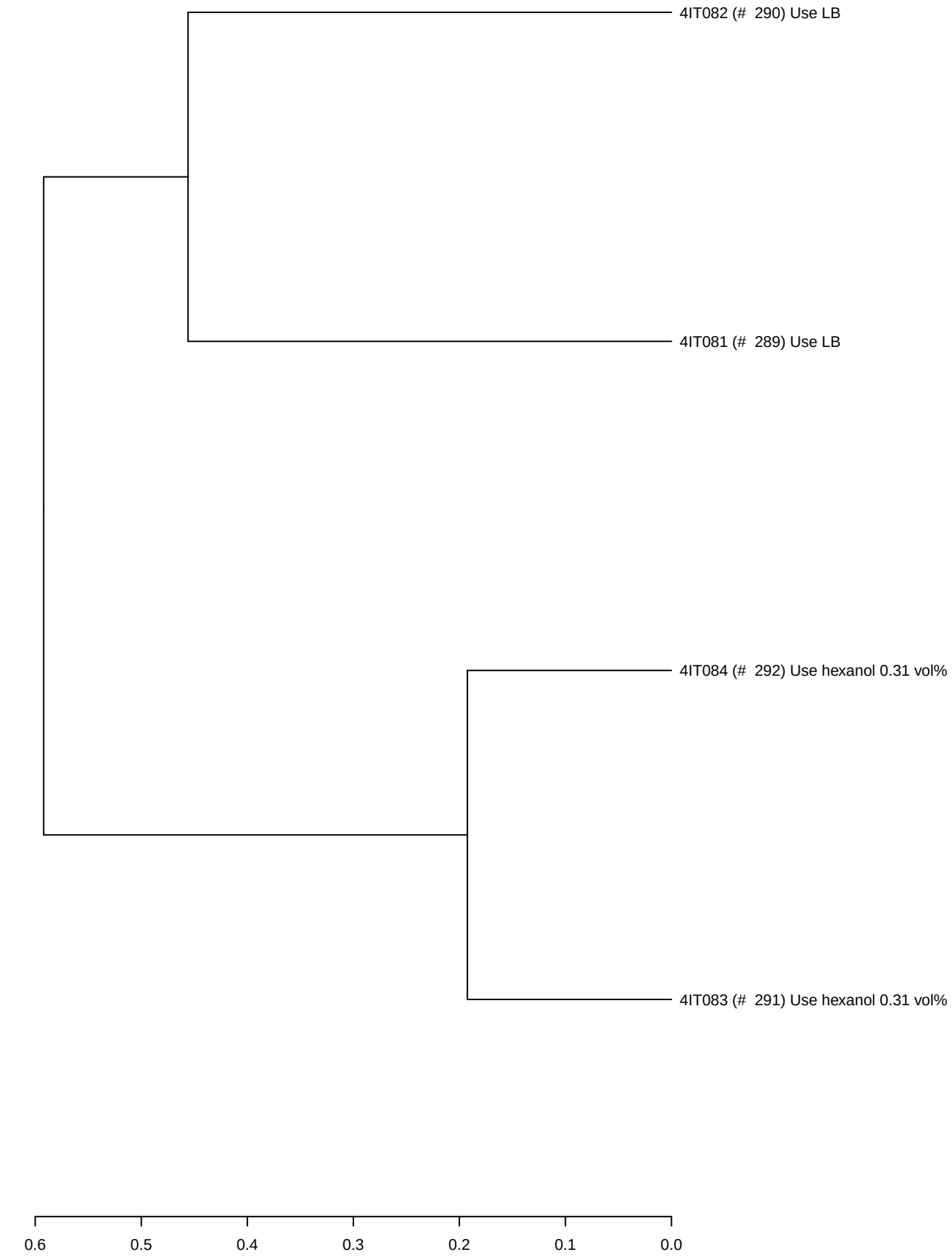
3/15/2015 Keio_ML9_set4 and similar experiments (clustered by fitness)



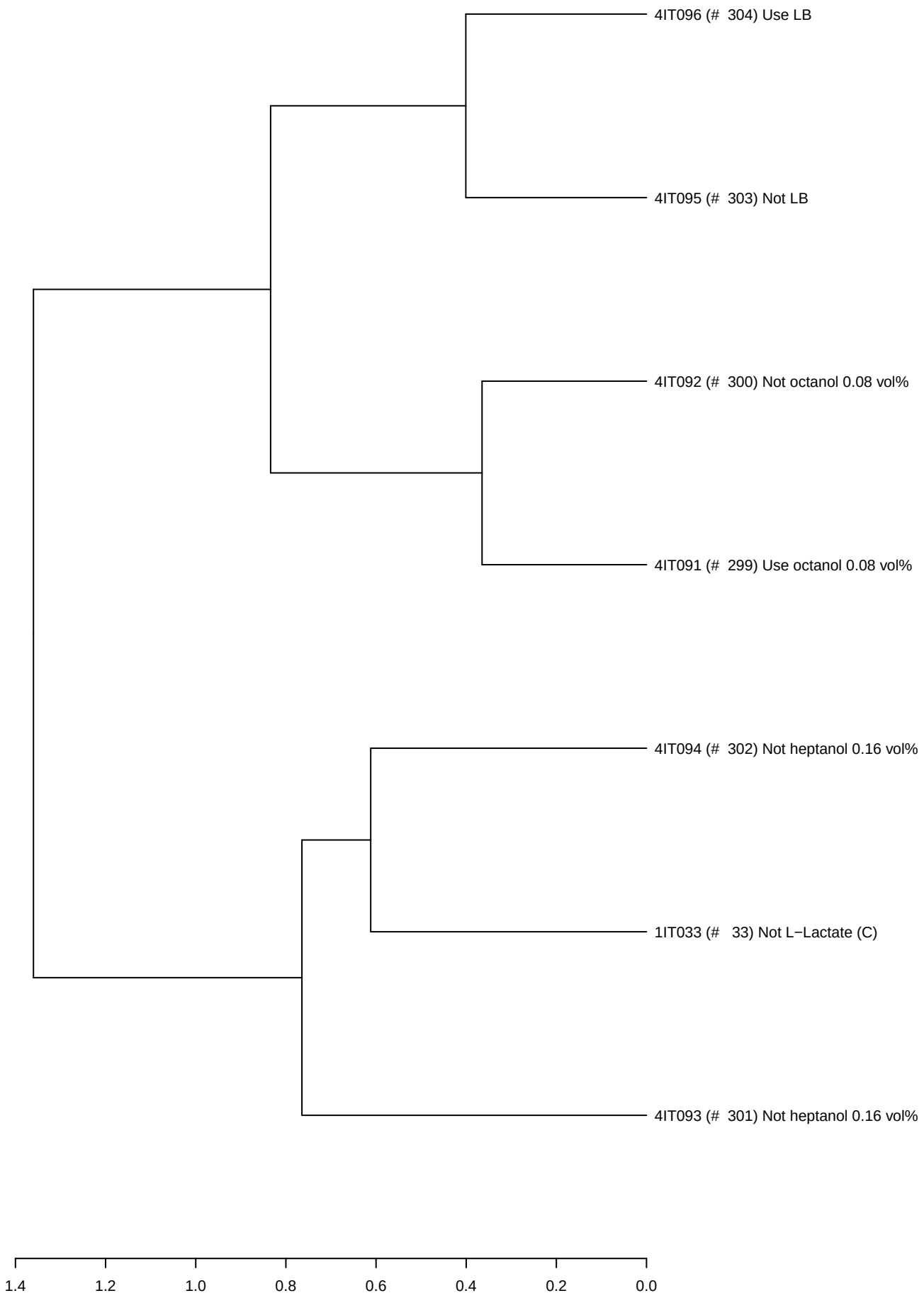
3/18/2015 Keio_ML9_set4 and similar experiments (clustered by fitness)



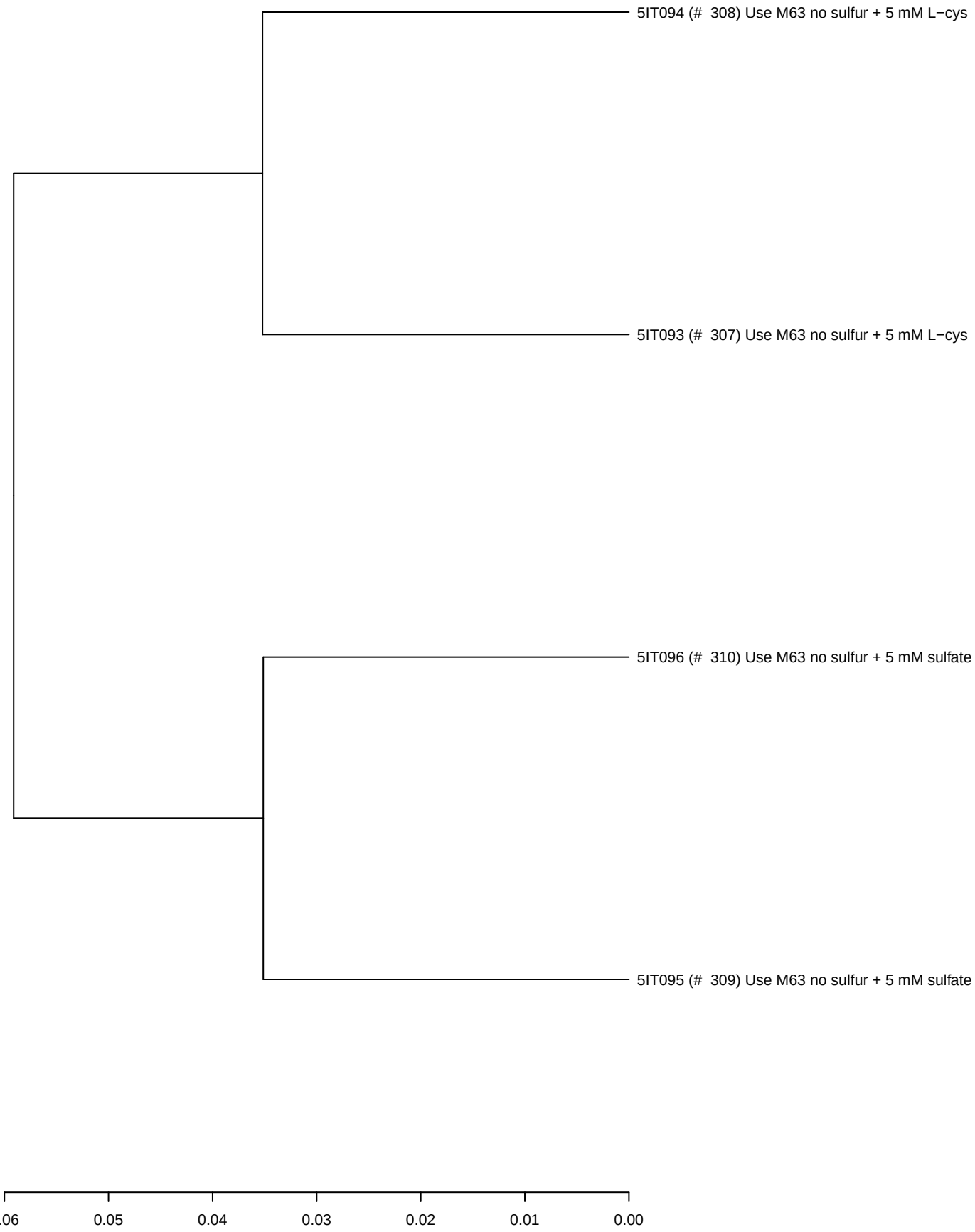
3/20/2015 Keio_ML9_set4 and similar experiments (clustered by fitness)



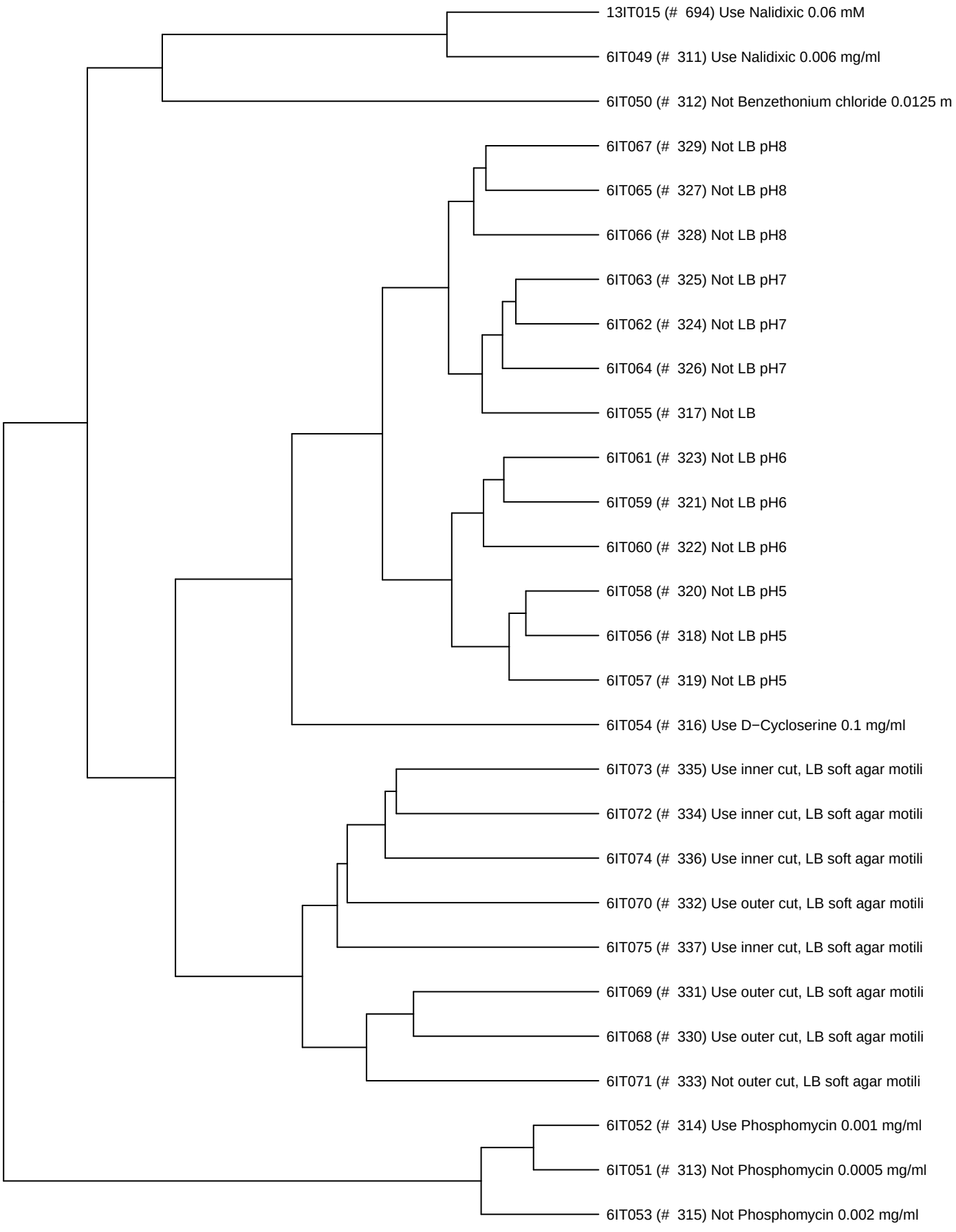
3/21/2015 Keio_ML9_set4 and similar experiments (clustered by fitness)



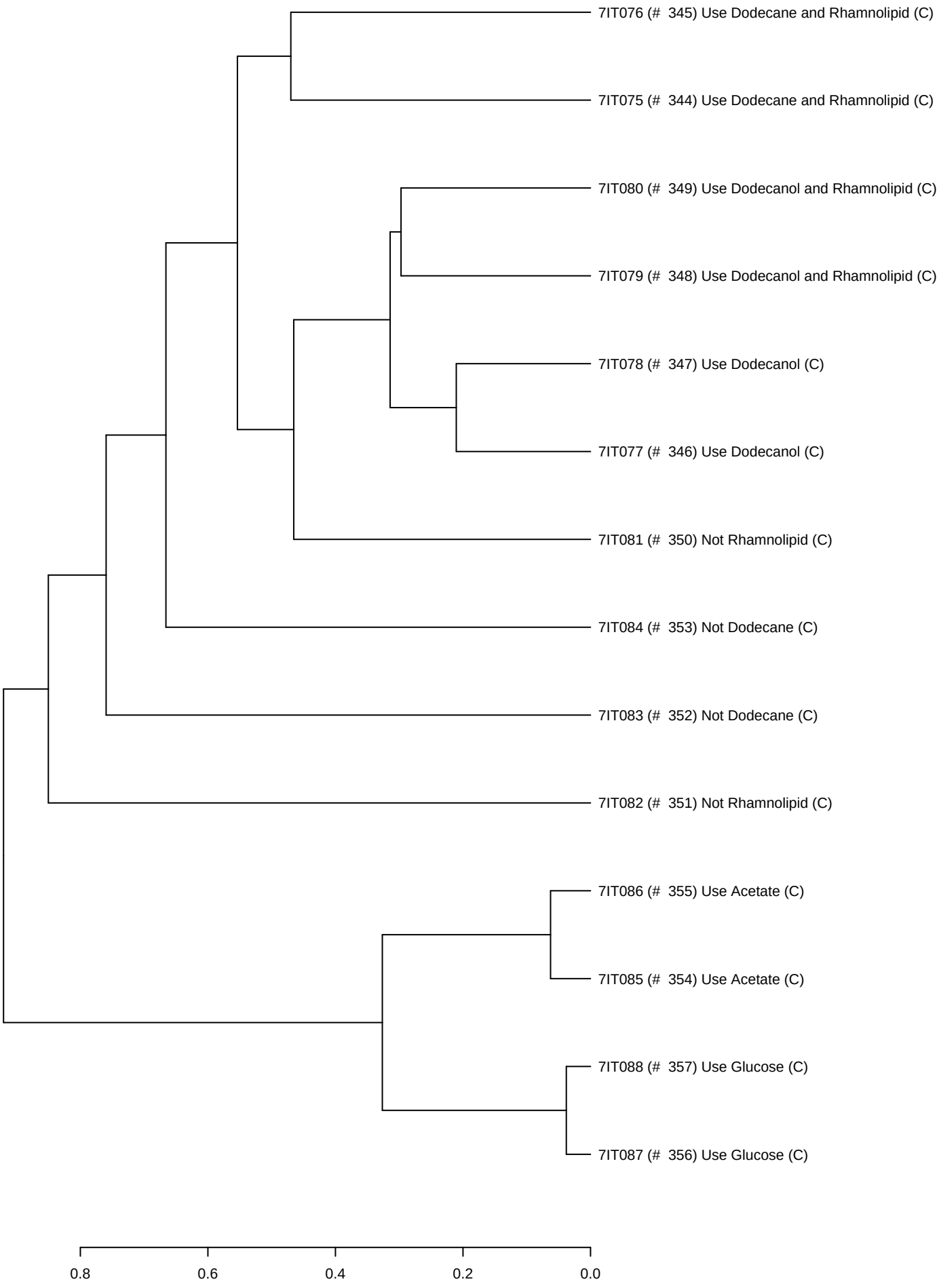
5/11/2015 Keio_ML9_set5 and similar experiments (clustered by fitness)



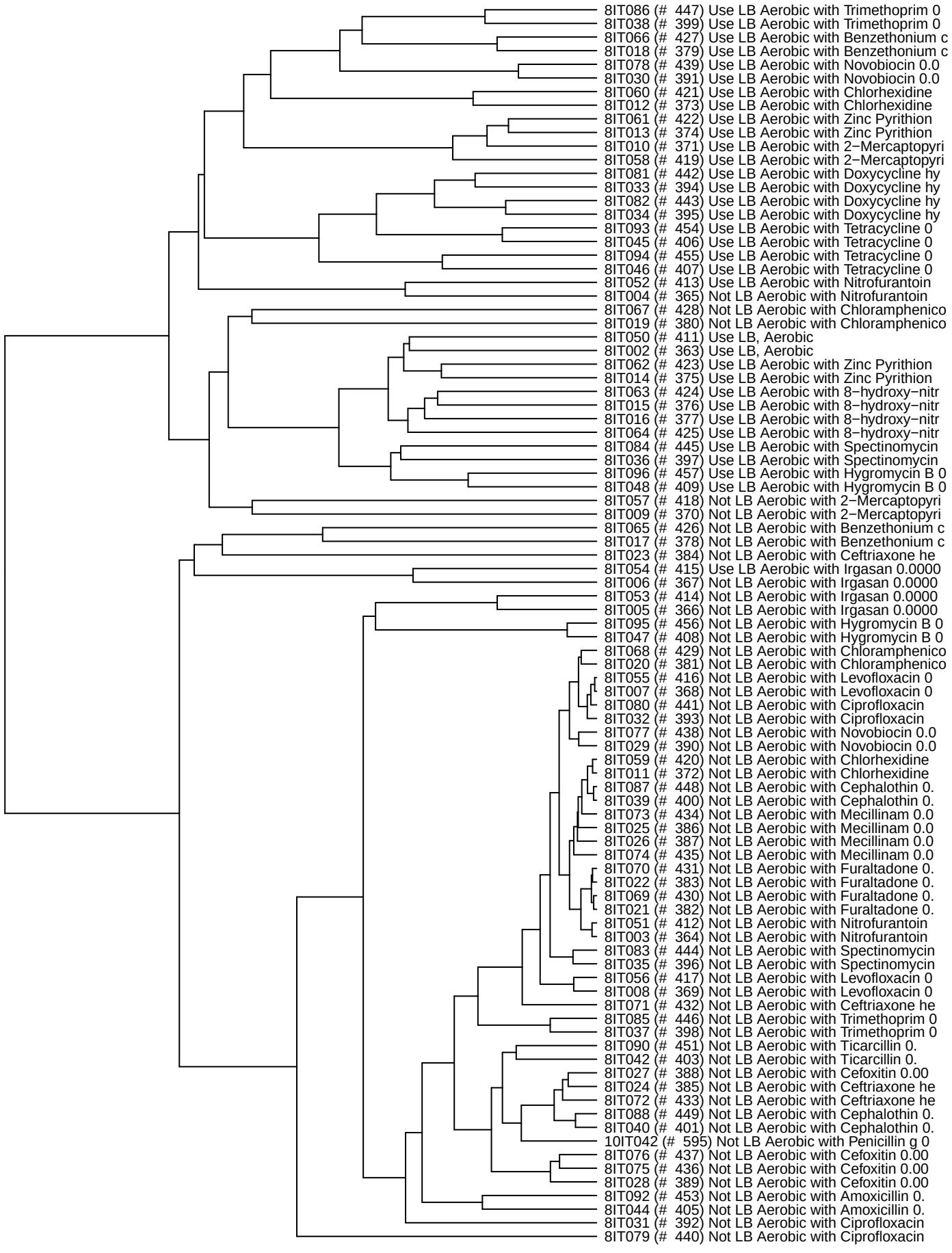
2/2/2015 Keio_ML9_set6 and similar experiments (clustered by fitness)



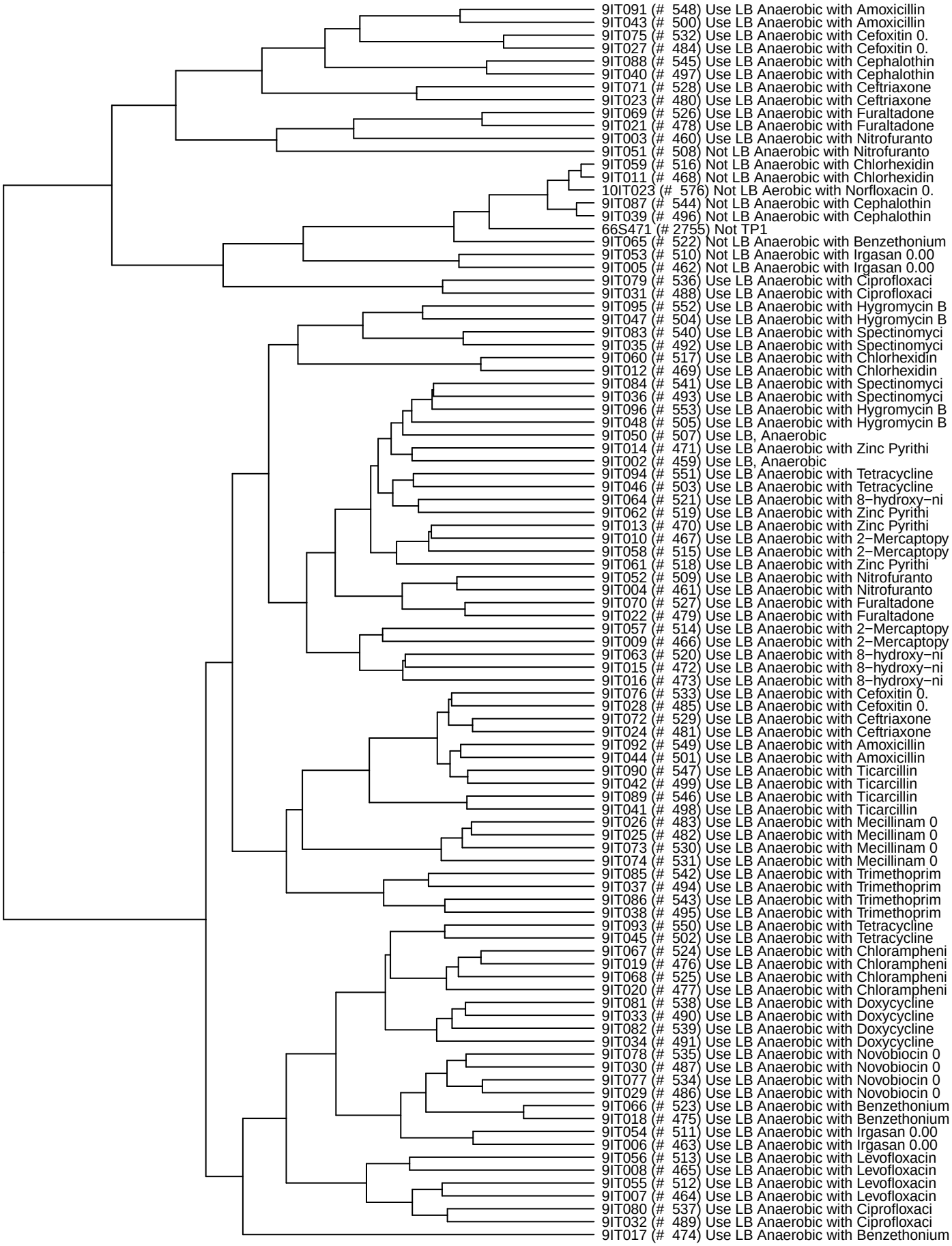
7/20/2015 Keio_ML9_set7 and similar experiments (clustered by fitness)



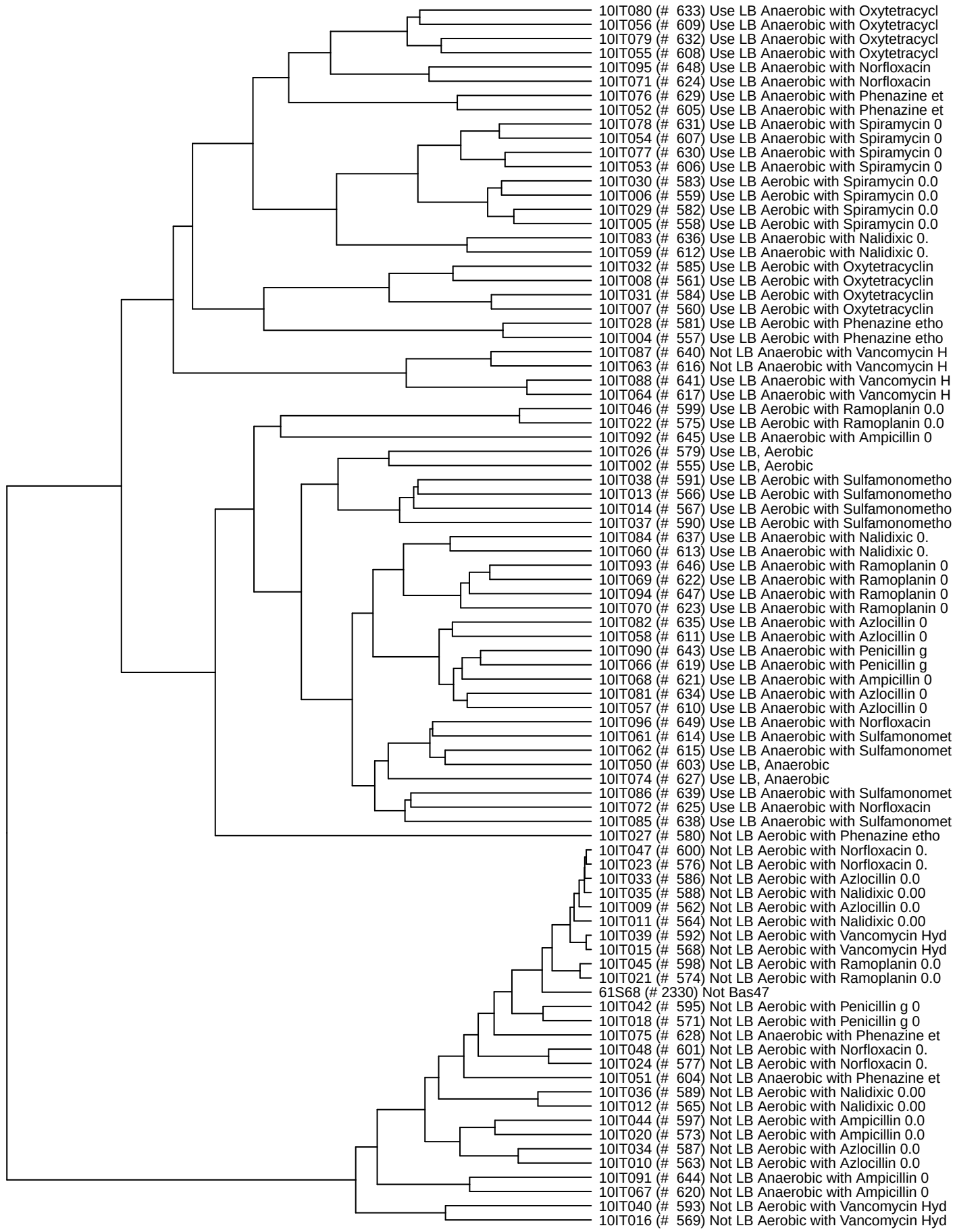
7/20/2015 Keio_ML9_set8 and similar experiments (clustered by fitness)



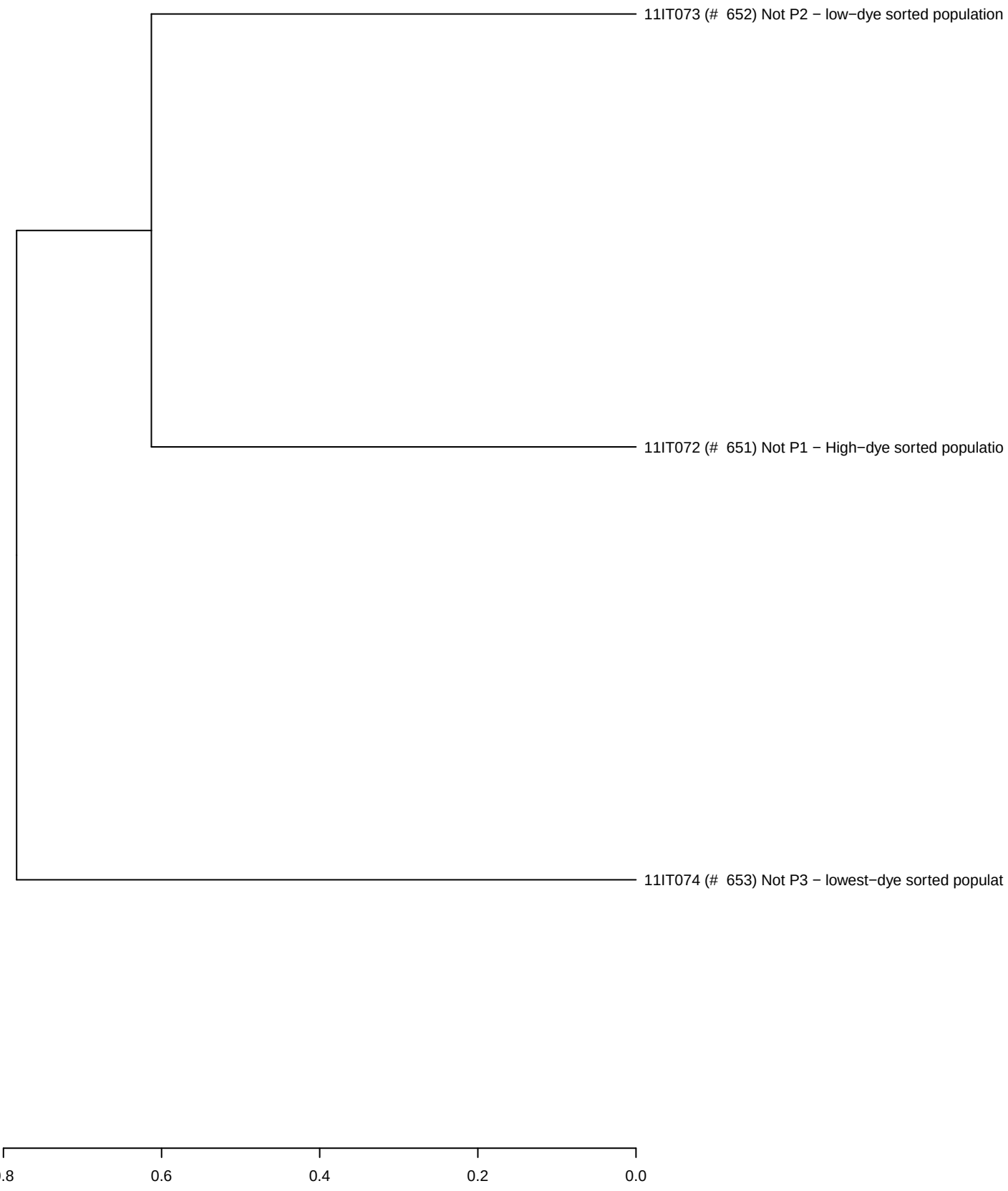
7/20/2015 Keio_ML9_set9 and similar experiments (clustered by fitness)

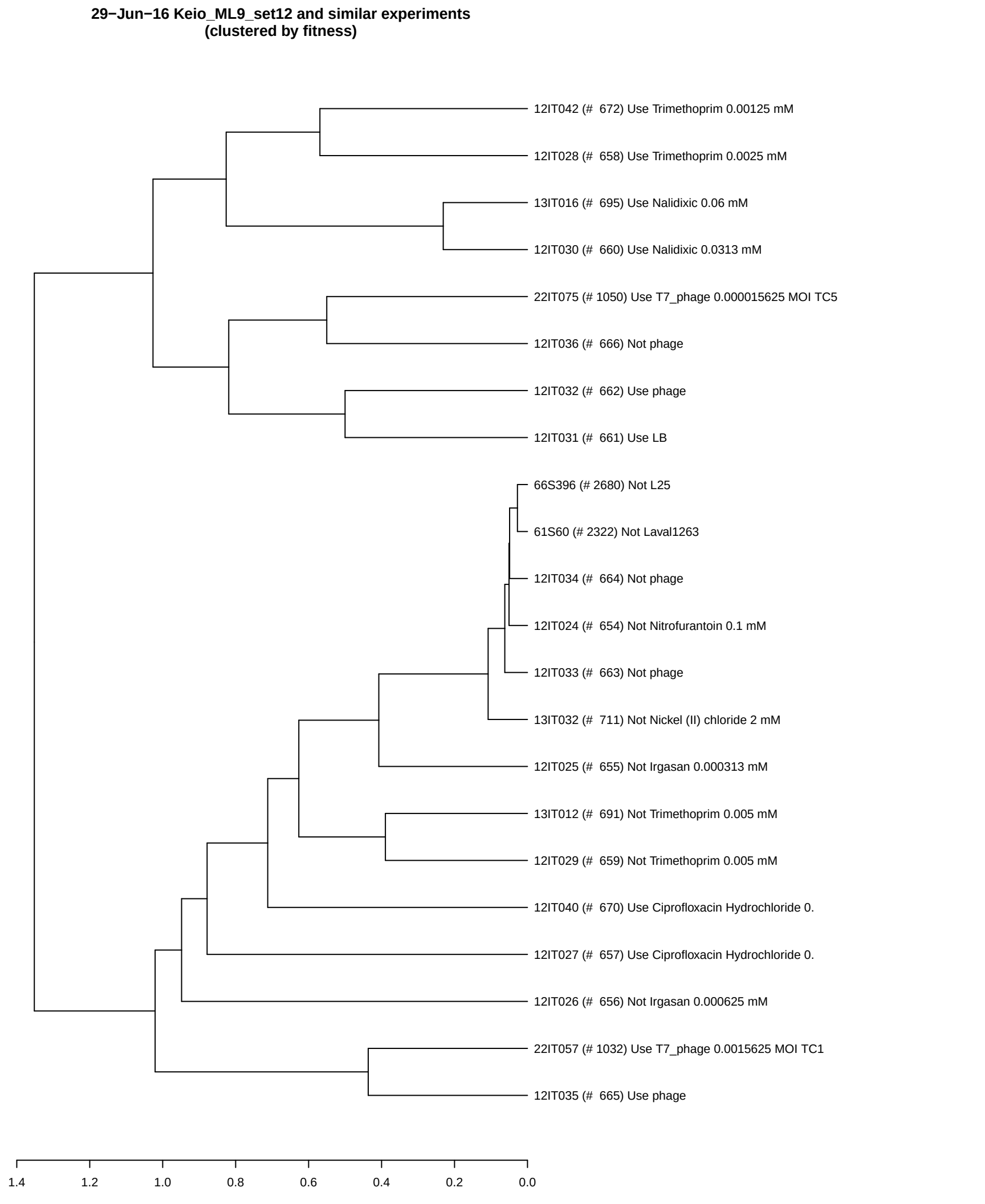


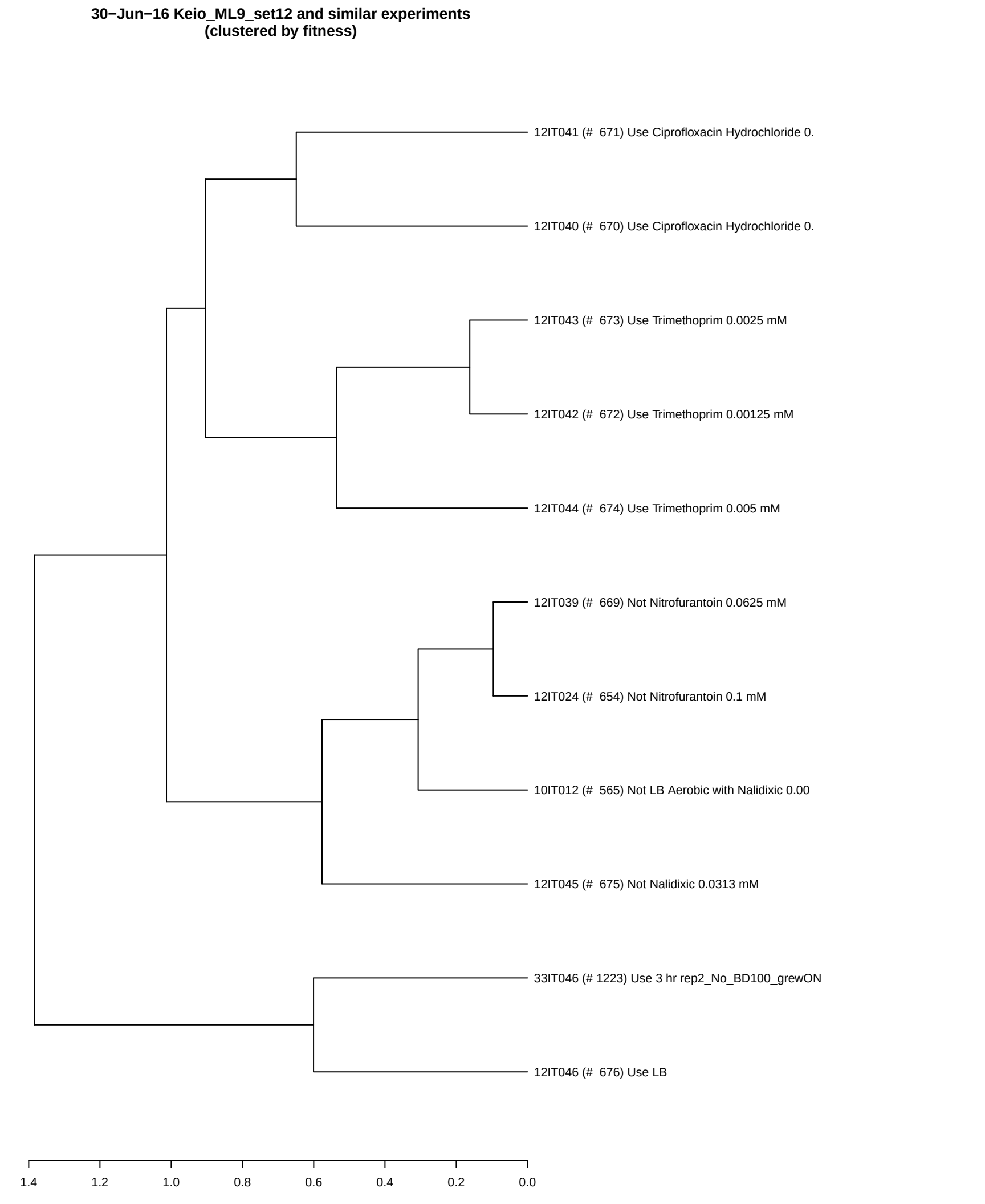
7/20/2015 Keio_ML9_set10 and similar experiments (clustered by fitness)

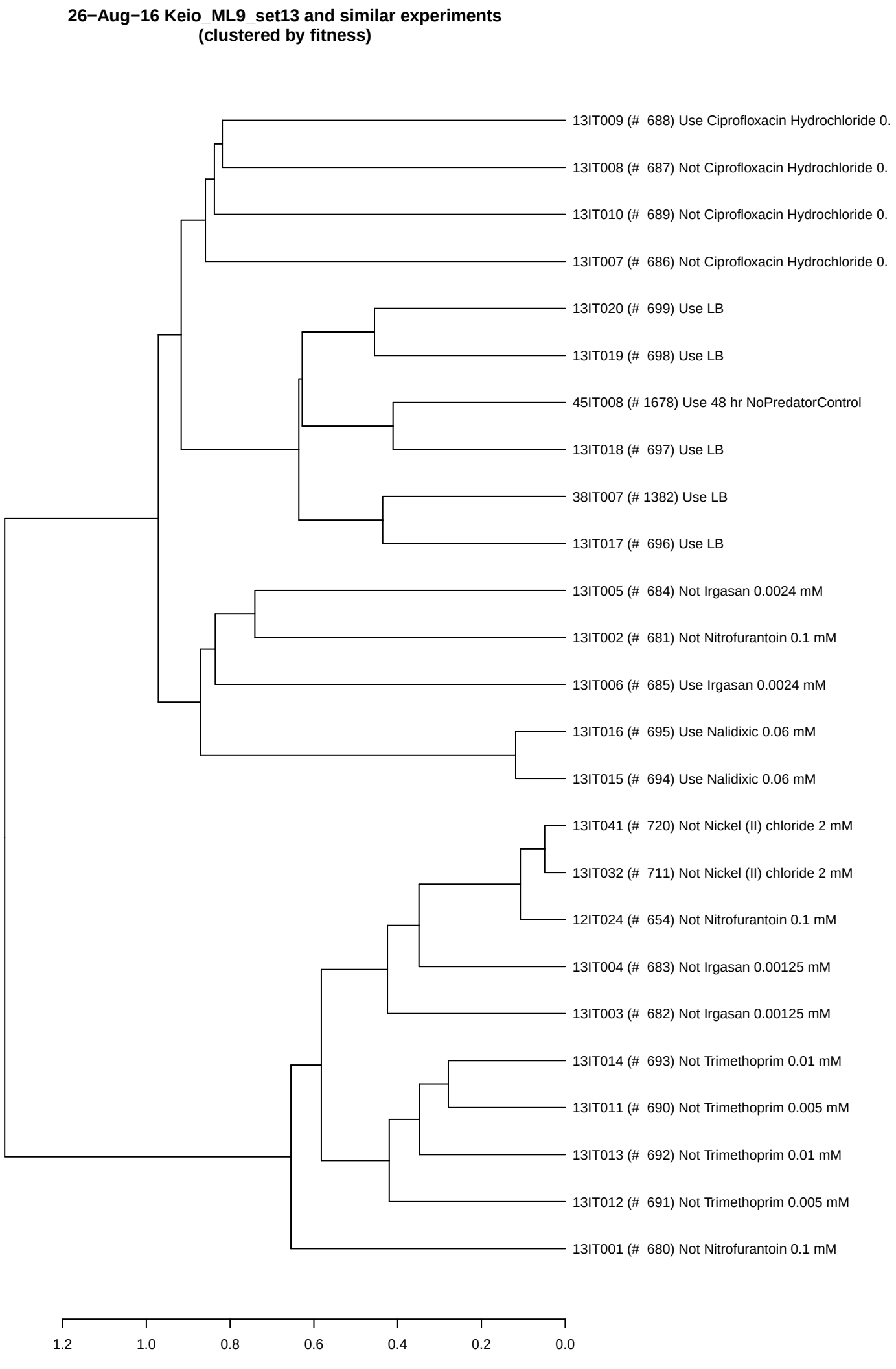


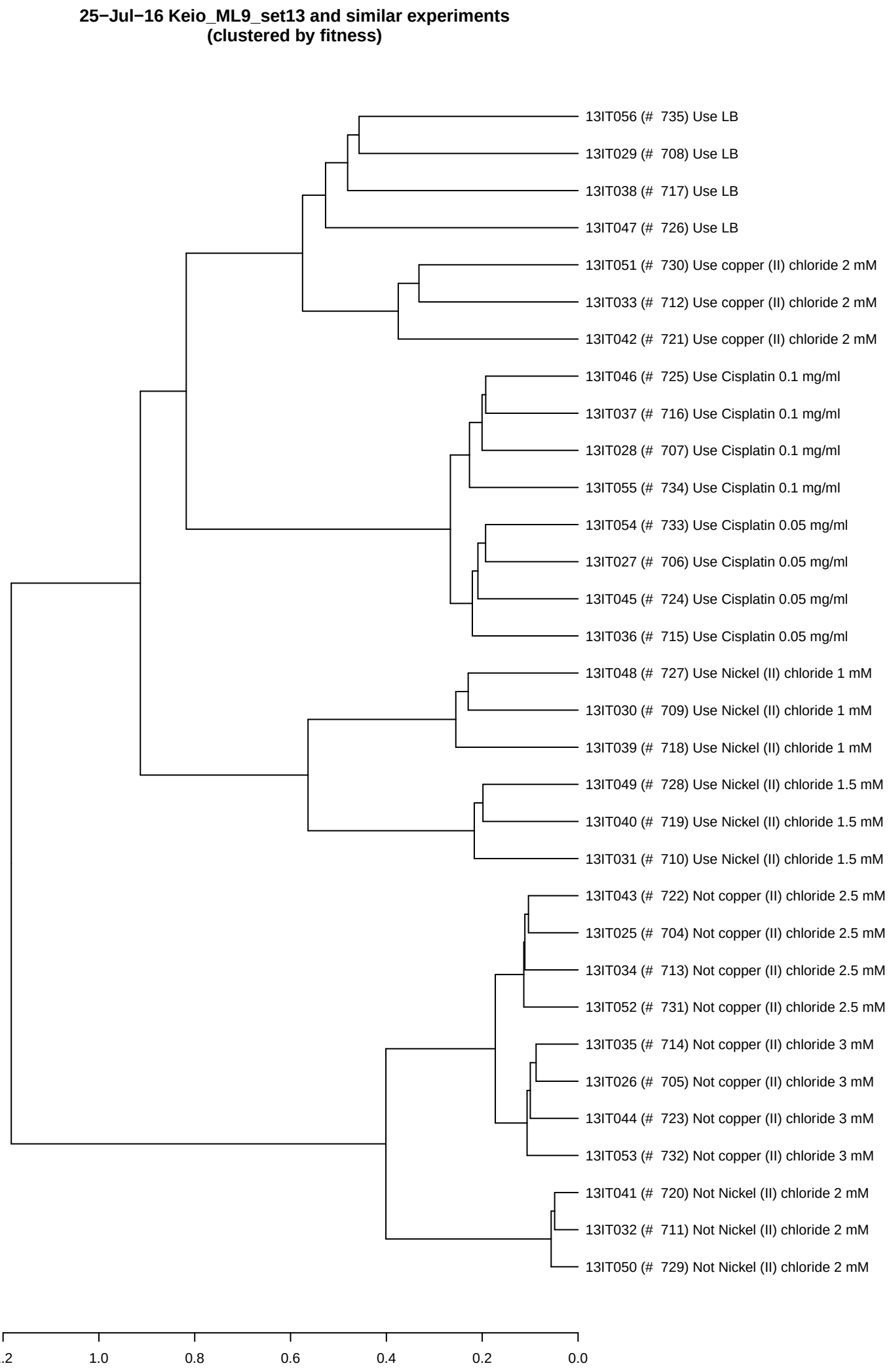
1−Jun−16 Keio_ML9_set11 and similar experiments (clustered by fitness)

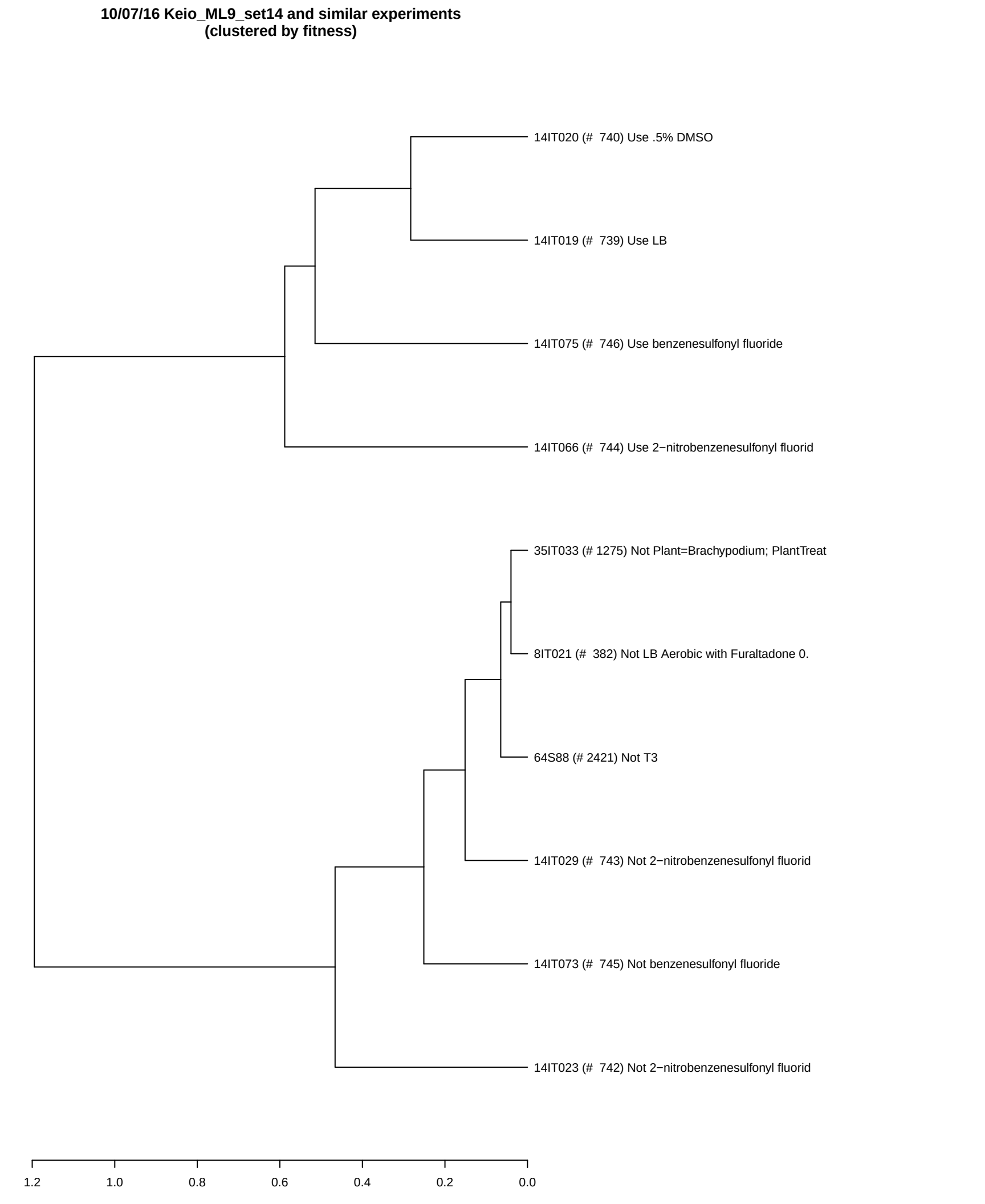


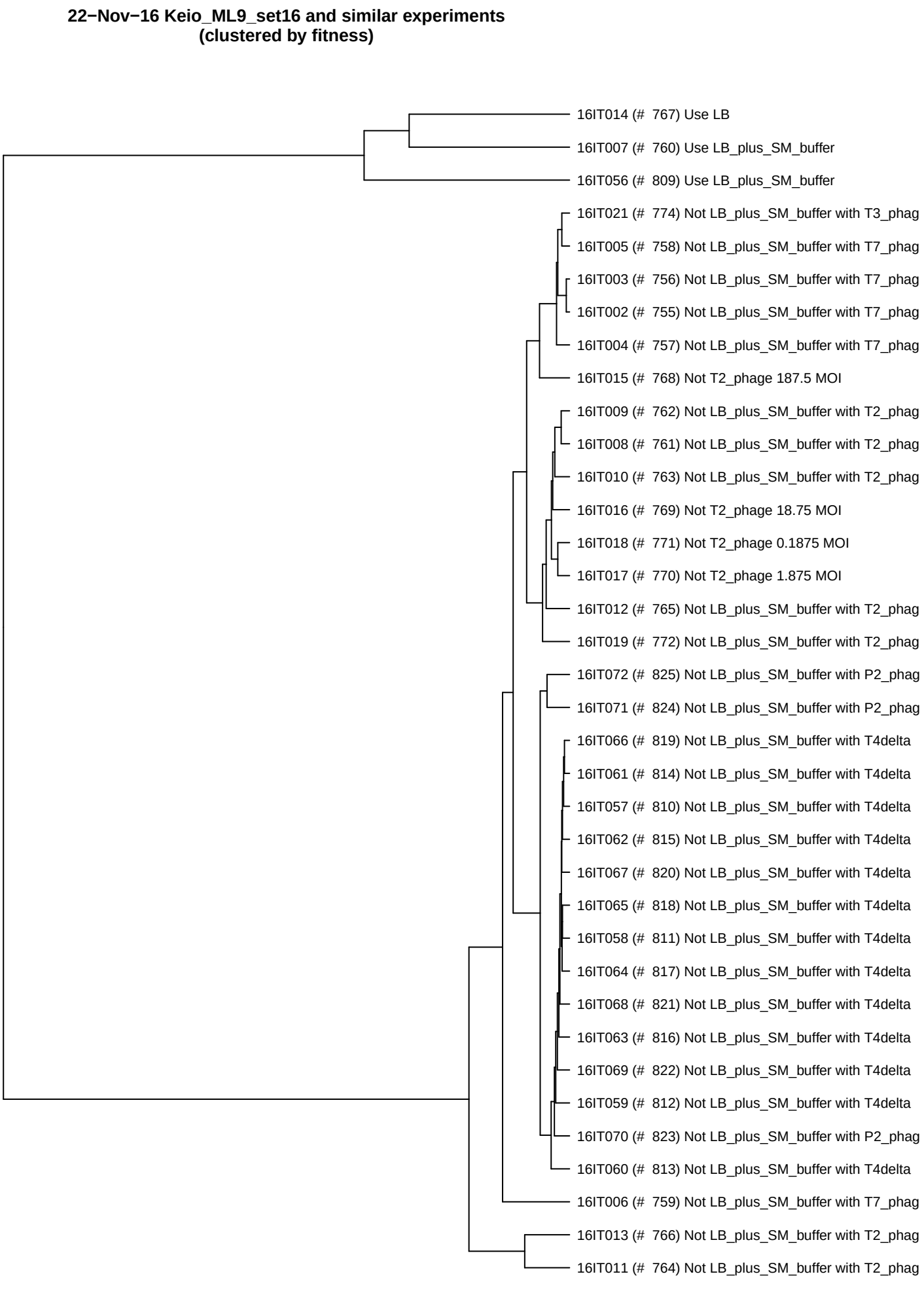

29−Jun−16 Keio_ML9_set12 and similar experiments
(clustered by fitness)
12IT042 (# 672) Use Trimethoprim 0.00125 mM
12IT028 (# 658) Use Trimethoprim 0.0025 mM
13IT016 (# 695) Use Nalidixic 0.06 mM
12IT030 (# 660) Use Nalidixic 0.0313 mM
22IT075 (# 1050) Use T7_phage 0.000015625 MOI TC5
12IT036 (# 666) Not phage
12IT032 (# 662) Use phage
12IT031 (# 661) Use LB
66S396 (# 2680) Not L25
61S60 (# 2322) Not Laval1263
12IT034 (# 664) Not phage
12IT024 (# 654) Not Nitrofurantoin 0.1 mM
12IT033 (# 663) Not phage
13IT032 (# 711) Not Nickel (II) chloride 2 mM
12IT025 (# 655) Not Irgasan 0.000313 mM
13IT012 (# 691) Not Trimethoprim 0.005 mM
12IT029 (# 659) Not Trimethoprim 0.005 mM
12IT040 (# 670) Use Ciprofloxacin Hydrochloride 0.
12IT027 (# 657) Use Ciprofloxacin Hydrochloride 0.
12IT026 (# 656) Not Irgasan 0.000625 mM
22IT057 (# 1032) Use T7_phage 0.0015625 MOI TC1
12IT035 (# 665) Use phage
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

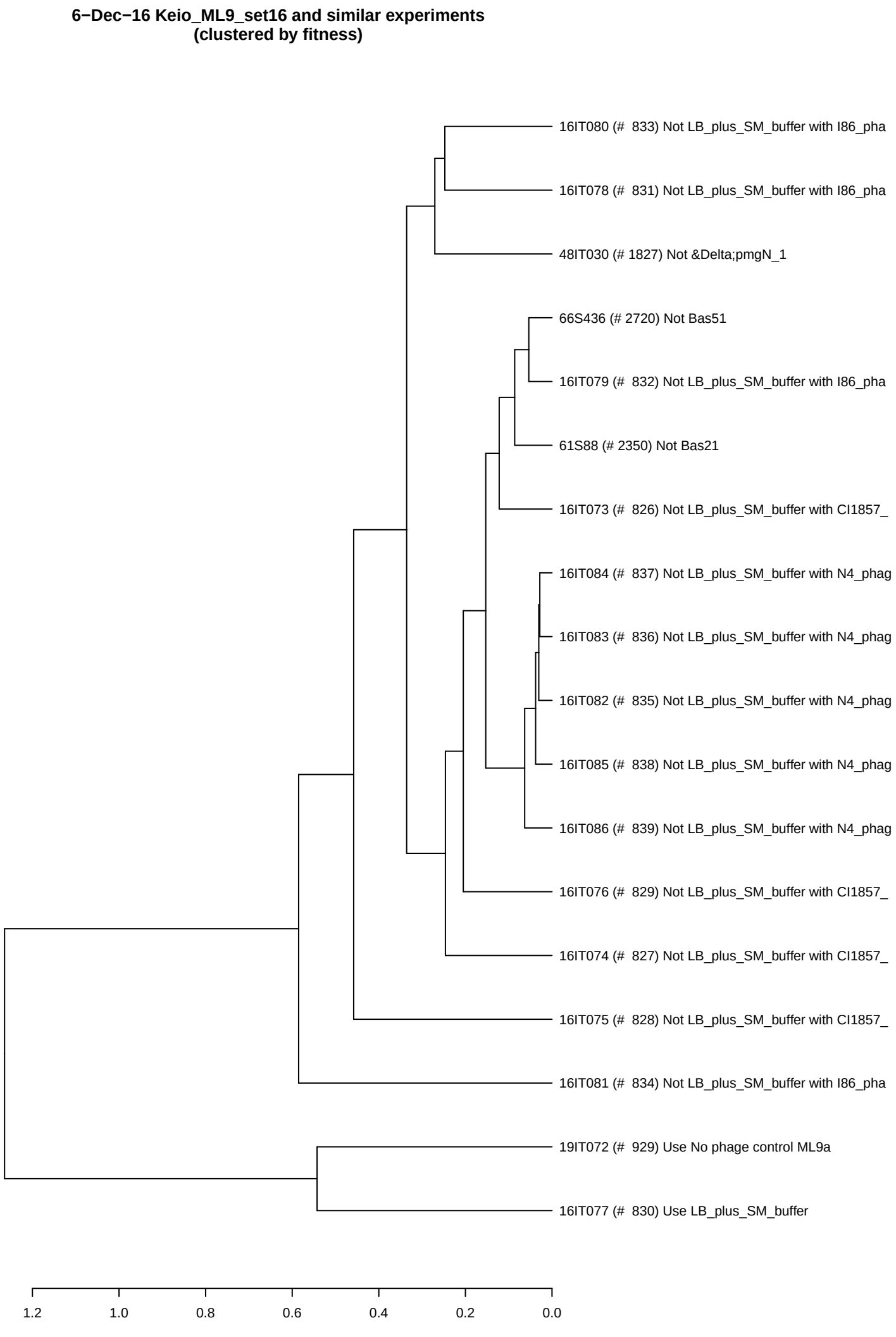

30−Jun−16 Keio_ML9_set12 and similar experiments
(clustered by fitness)
12IT041 (# 671) Use Ciprofloxacin Hydrochloride 0.
12IT040 (# 670) Use Ciprofloxacin Hydrochloride 0.
12IT043 (# 673) Use Trimethoprim 0.0025 mM
12IT042 (# 672) Use Trimethoprim 0.00125 mM
12IT044 (# 674) Use Trimethoprim 0.005 mM
12IT039 (# 669) Not Nitrofurantoin 0.0625 mM
12IT024 (# 654) Not Nitrofurantoin 0.1 mM
10IT012 (# 565) Not LB Aerobic with Nalidixic 0.00
12IT045 (# 675) Not Nalidixic 0.0313 mM
33IT046 (# 1223) Use 3 hr rep2_No_BD100_grewON
12IT046 (# 676) Use LB
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

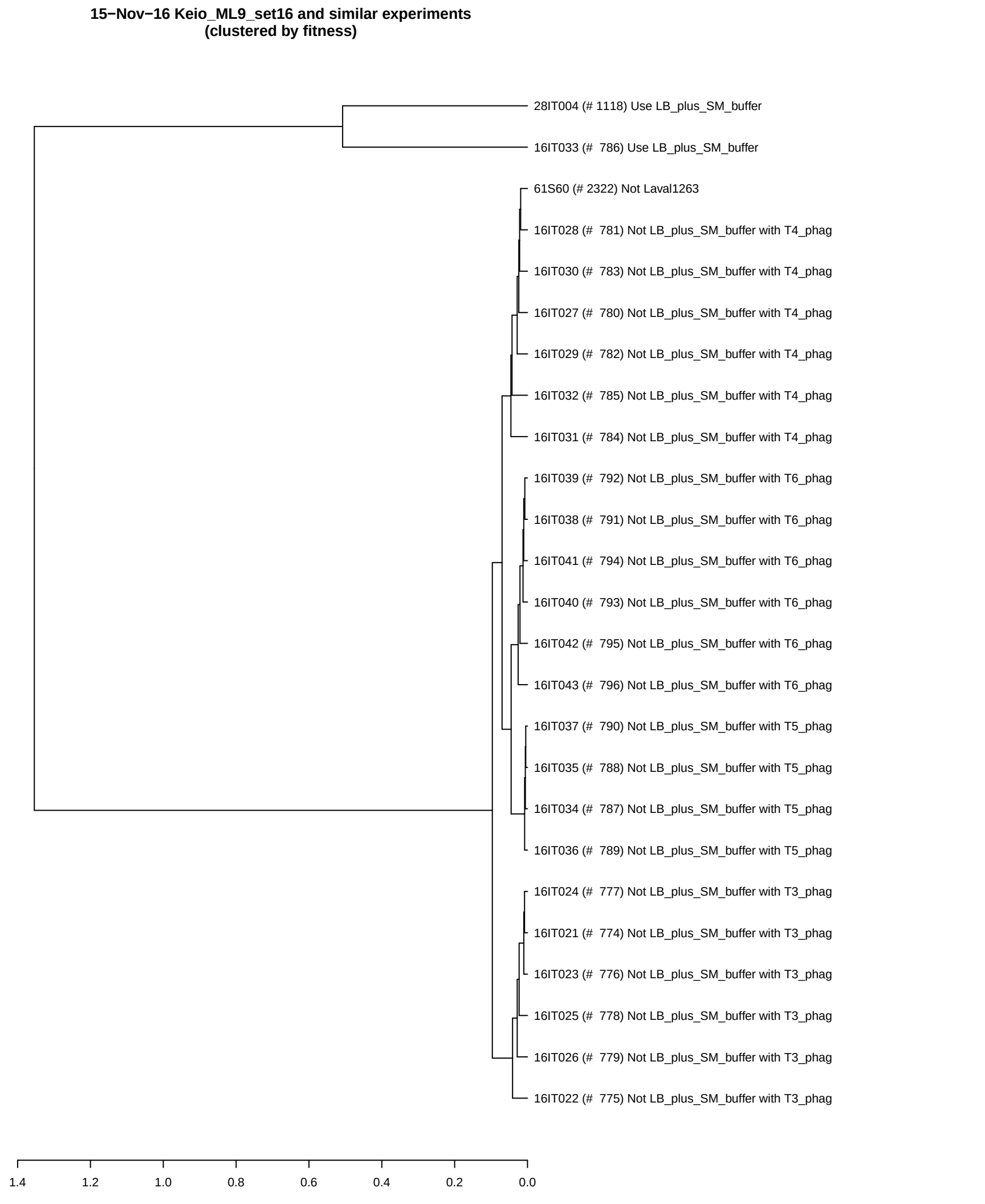

26−Aug−16 Keio_ML9_set13 and similar experiments
(clustered by fitness)
13IT009 (# 688) Use Ciprofloxacin Hydrochloride 0.
13IT008 (# 687) Not Ciprofloxacin Hydrochloride 0.
13IT010 (# 689) Not Ciprofloxacin Hydrochloride 0.
13IT007 (# 686) Not Ciprofloxacin Hydrochloride 0.
13IT020 (# 699) Use LB
13IT019 (# 698) Use LB
45IT008 (# 1678) Use 48 hr NoPredatorControl
13IT018 (# 697) Use LB
38IT007 (# 1382) Use LB
13IT017 (# 696) Use LB
13IT005 (# 684) Not Irgasan 0.0024 mM
13IT002 (# 681) Not Nitrofurantoin 0.1 mM
13IT006 (# 685) Use Irgasan 0.0024 mM
13IT016 (# 695) Use Nalidixic 0.06 mM
13IT015 (# 694) Use Nalidixic 0.06 mM
13IT041 (# 720) Not Nickel (II) chloride 2 mM
13IT032 (# 711) Not Nickel (II) chloride 2 mM
12IT024 (# 654) Not Nitrofurantoin 0.1 mM
13IT004 (# 683) Not Irgasan 0.00125 mM
13IT003 (# 682) Not Irgasan 0.00125 mM
13IT014 (# 693) Not Trimethoprim 0.01 mM
13IT011 (# 690) Not Trimethoprim 0.005 mM
13IT013 (# 692) Not Trimethoprim 0.01 mM
13IT012 (# 691) Not Trimethoprim 0.005 mM
13IT001 (# 680) Not Nitrofurantoin 0.1 mM
1.2
1.0
0.8
0.6
0.4
0.2
0.0

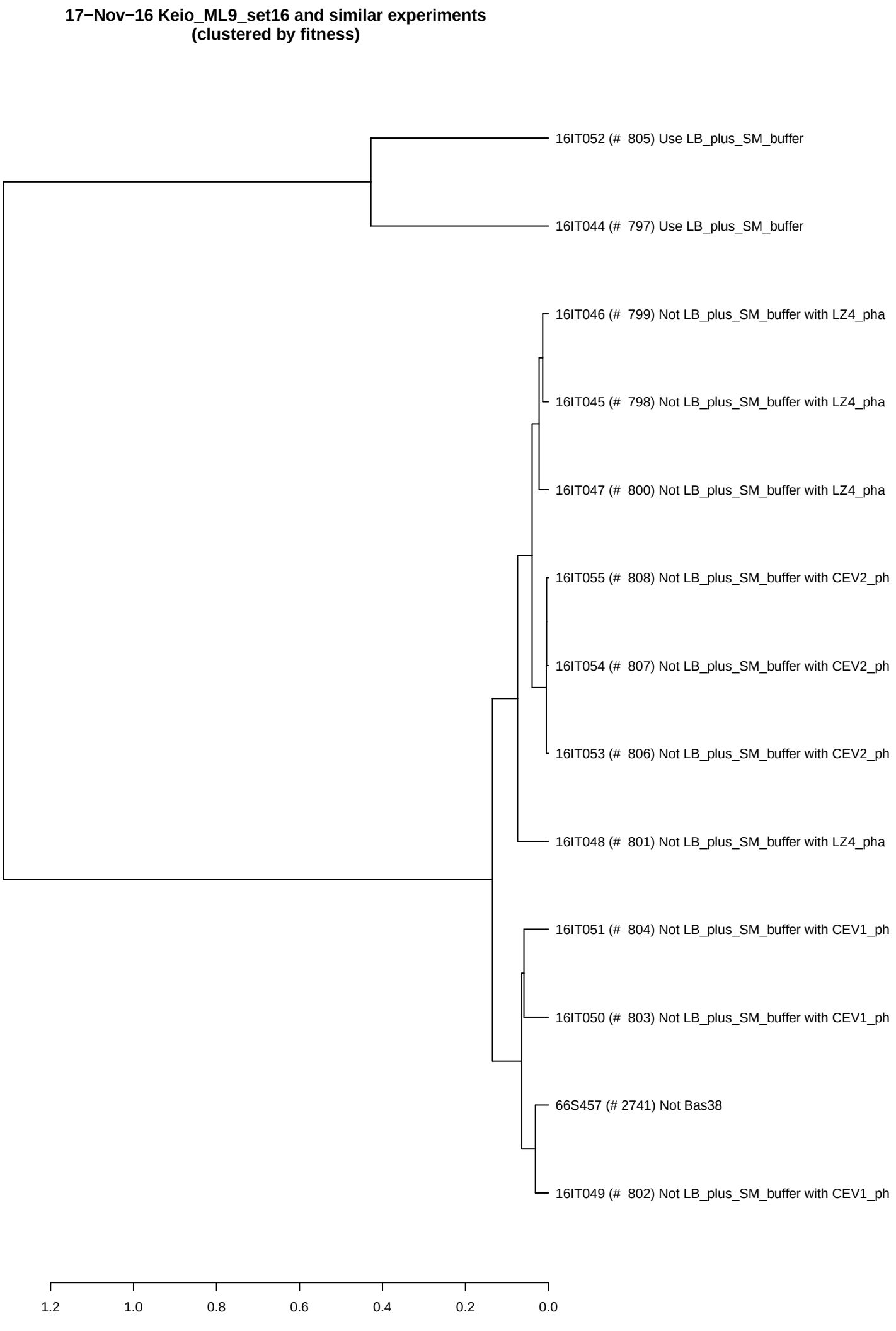

25−Jul−16 Keio_ML9_set13 and similar experiments
(clustered by fitness)
13IT056 (# 735) Use LB
13IT029 (# 708) Use LB
13IT038 (# 717) Use LB
13IT047 (# 726) Use LB
13IT051 (# 730) Use copper (II) chloride 2 mM
13IT033 (# 712) Use copper (II) chloride 2 mM
13IT042 (# 721) Use copper (II) chloride 2 mM
13IT046 (# 725) Use Cisplatin 0.1 mg/ml
13IT037 (# 716) Use Cisplatin 0.1 mg/ml
13IT028 (# 707) Use Cisplatin 0.1 mg/ml
13IT055 (# 734) Use Cisplatin 0.1 mg/ml
13IT054 (# 733) Use Cisplatin 0.05 mg/ml
13IT027 (# 706) Use Cisplatin 0.05 mg/ml
13IT045 (# 724) Use Cisplatin 0.05 mg/ml
13IT036 (# 715) Use Cisplatin 0.05 mg/ml
13IT048 (# 727) Use Nickel (II) chloride 1 mM
13IT030 (# 709) Use Nickel (II) chloride 1 mM
13IT039 (# 718) Use Nickel (II) chloride 1 mM
13IT049 (# 728) Use Nickel (II) chloride 1.5 mM
13IT040 (# 719) Use Nickel (II) chloride 1.5 mM
13IT031 (# 710) Use Nickel (II) chloride 1.5 mM
13IT043 (# 722) Not copper (II) chloride 2.5 mM
13IT025 (# 704) Not copper (II) chloride 2.5 mM
13IT034 (# 713) Not copper (II) chloride 2.5 mM
13IT052 (# 731) Not copper (II) chloride 2.5 mM
13IT035 (# 714) Not copper (II) chloride 3 mM
13IT026 (# 705) Not copper (II) chloride 3 mM
13IT044 (# 723) Not copper (II) chloride 3 mM
13IT053 (# 732) Not copper (II) chloride 3 mM
13IT041 (# 720) Not Nickel (II) chloride 2 mM
13IT032 (# 711) Not Nickel (II) chloride 2 mM
13IT050 (# 729) Not Nickel (II) chloride 2 mM
1.2
1.0
0.8
0.6
0.4
0.2
0.0


10/07/16 Keio_ML9_set14 and similar experiments
(clustered by fitness)
14IT020 (# 740) Use .5% DMSO
14IT019 (# 739) Use LB
14IT075 (# 746) Use benzenesulfonyl fluoride
14IT066 (# 744) Use 2−nitrobenzenesulfonyl fluorid
35IT033 (# 1275) Not Plant=Brachypodium; PlantTreat
8IT021 (# 382) Not LB Aerobic with Furaltadone 0.
64S88 (# 2421) Not T3
14IT029 (# 743) Not 2−nitrobenzenesulfonyl fluorid
14IT073 (# 745) Not benzenesulfonyl fluoride
14IT023 (# 742) Not 2−nitrobenzenesulfonyl fluorid
1.2
1.0
0.8
0.6
0.4
0.2
0.0

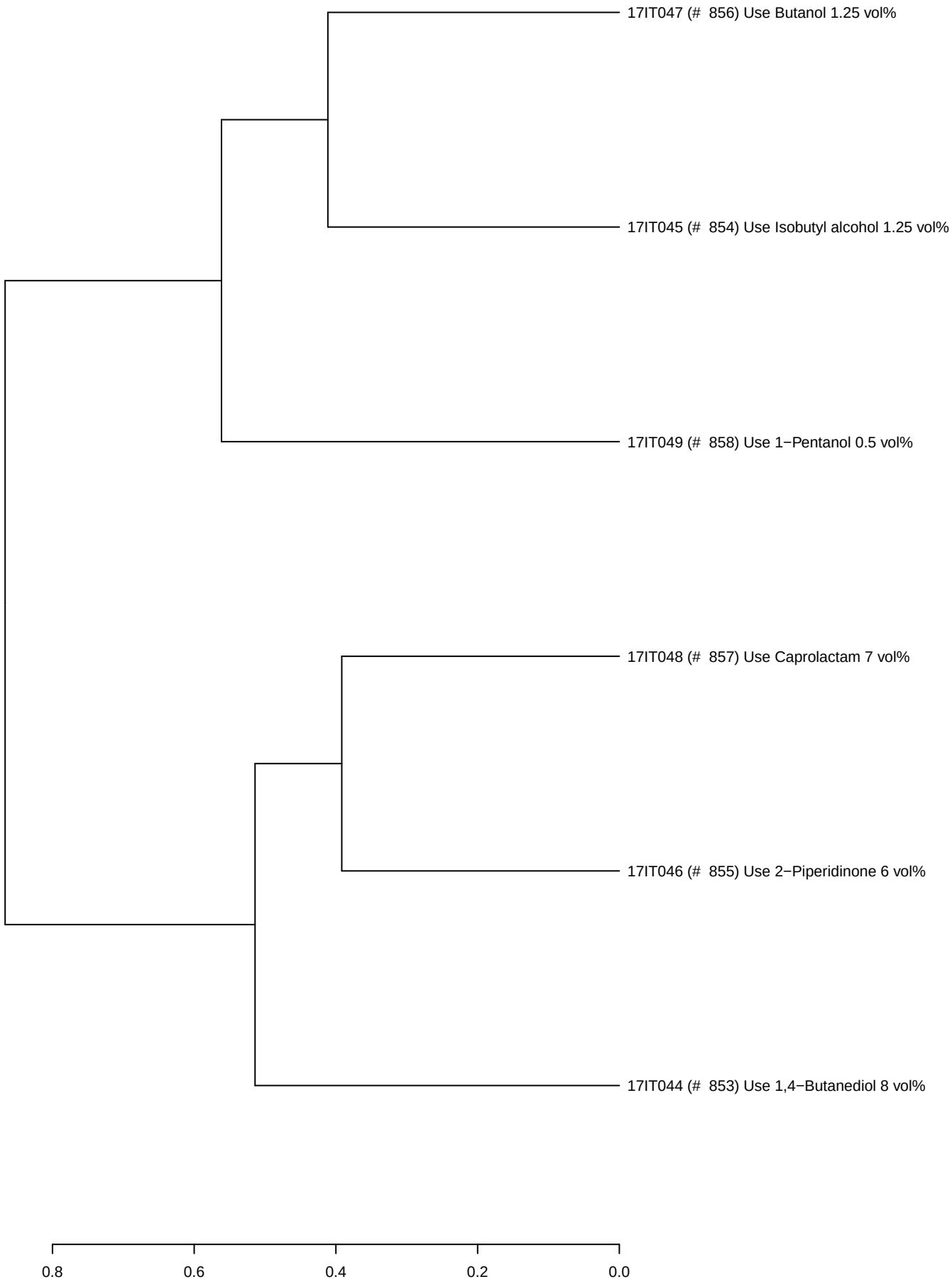

22−Nov−16 Keio_ML9_set16 and similar experiments
(clustered by fitness)
16IT014 (# 767) Use LB
16IT007 (# 760) Use LB_plus_SM_buffer
16IT056 (# 809) Use LB_plus_SM_buffer
16IT021 (# 774) Not LB_plus_SM_buffer with T3_phag
16IT005 (# 758) Not LB_plus_SM_buffer with T7_phag
16IT003 (# 756) Not LB_plus_SM_buffer with T7_phag
16IT002 (# 755) Not LB_plus_SM_buffer with T7_phag
16IT004 (# 757) Not LB_plus_SM_buffer with T7_phag
16IT015 (# 768) Not T2_phage 187.5 MOI
16IT009 (# 762) Not LB_plus_SM_buffer with T2_phag
16IT008 (# 761) Not LB_plus_SM_buffer with T2_phag
16IT010 (# 763) Not LB_plus_SM_buffer with T2_phag
16IT016 (# 769) Not T2_phage 18.75 MOI
16IT018 (# 771) Not T2_phage 0.1875 MOI
16IT017 (# 770) Not T2_phage 1.875 MOI
16IT012 (# 765) Not LB_plus_SM_buffer with T2_phag
16IT019 (# 772) Not LB_plus_SM_buffer with T2_phag
16IT072 (# 825) Not LB_plus_SM_buffer with P2_phag
16IT071 (# 824) Not LB_plus_SM_buffer with P2_phag
16IT066 (# 819) Not LB_plus_SM_buffer with T4delta
16IT061 (# 814) Not LB_plus_SM_buffer with T4delta
16IT057 (# 810) Not LB_plus_SM_buffer with T4delta
16IT062 (# 815) Not LB_plus_SM_buffer with T4delta
16IT067 (# 820) Not LB_plus_SM_buffer with T4delta
16IT065 (# 818) Not LB_plus_SM_buffer with T4delta
16IT058 (# 811) Not LB_plus_SM_buffer with T4delta
16IT064 (# 817) Not LB_plus_SM_buffer with T4delta
16IT068 (# 821) Not LB_plus_SM_buffer with T4delta
16IT063 (# 816) Not LB_plus_SM_buffer with T4delta
16IT069 (# 822) Not LB_plus_SM_buffer with T4delta
16IT059 (# 812) Not LB_plus_SM_buffer with T4delta
16IT070 (# 823) Not LB_plus_SM_buffer with P2_phag
16IT060 (# 813) Not LB_plus_SM_buffer with T4delta
16IT006 (# 759) Not LB_plus_SM_buffer with T7_phag
16IT013 (# 766) Not LB_plus_SM_buffer with T2_phag
16IT011 (# 764) Not LB_plus_SM_buffer with T2_phag
1.2
1.0
0.8
0.6
0.4
0.2
0.0


6−Dec−16 Keio_ML9_set16 and similar experiments
(clustered by fitness)
16IT080 (# 833) Not LB_plus_SM_buffer with I86_pha
16IT078 (# 831) Not LB_plus_SM_buffer with I86_pha
48IT030 (# 1827) Not ΔpmgN_1
66S436 (# 2720) Not Bas51
16IT079 (# 832) Not LB_plus_SM_buffer with I86_pha
61S88 (# 2350) Not Bas21
16IT073 (# 826) Not LB_plus_SM_buffer with CI1857_
16IT084 (# 837) Not LB_plus_SM_buffer with N4_phag
16IT083 (# 836) Not LB_plus_SM_buffer with N4_phag
16IT082 (# 835) Not LB_plus_SM_buffer with N4_phag
16IT085 (# 838) Not LB_plus_SM_buffer with N4_phag
16IT086 (# 839) Not LB_plus_SM_buffer with N4_phag
16IT076 (# 829) Not LB_plus_SM_buffer with CI1857_
16IT074 (# 827) Not LB_plus_SM_buffer with CI1857_
16IT075 (# 828) Not LB_plus_SM_buffer with CI1857_
16IT081 (# 834) Not LB_plus_SM_buffer with I86_pha
19IT072 (# 929) Use No phage control ML9a
16IT077 (# 830) Use LB_plus_SM_buffer
1.2
1.0
0.8
0.6
0.4
0.2
0.0

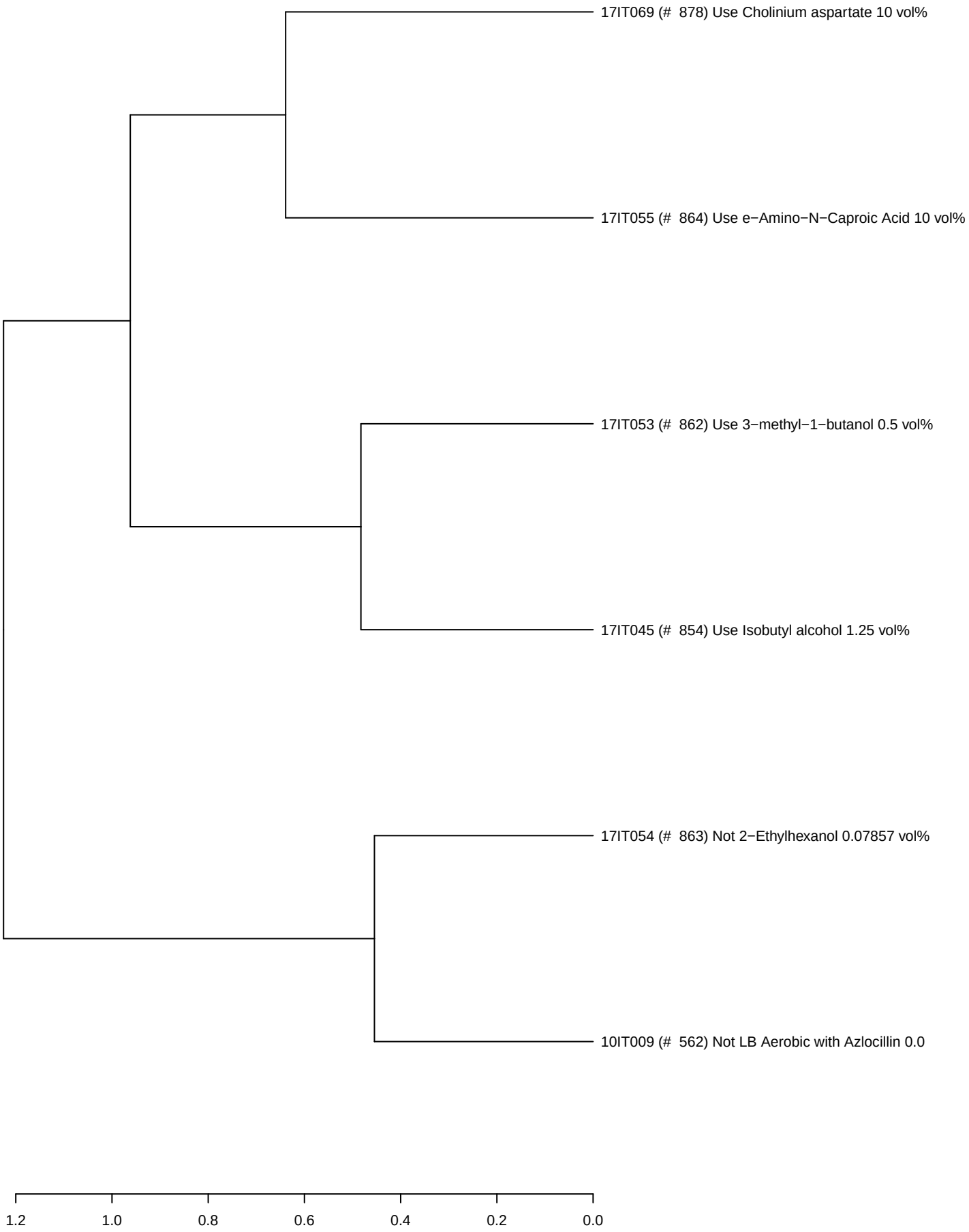

15−Nov−16 Keio_ML9_set16 and similar experiments
(clustered by fitness)
28IT004 (# 1118) Use LB_plus_SM_buffer
16IT033 (# 786) Use LB_plus_SM_buffer
61S60 (# 2322) Not Laval1263
16IT028 (# 781) Not LB_plus_SM_buffer with T4_phag
16IT030 (# 783) Not LB_plus_SM_buffer with T4_phag
16IT027 (# 780) Not LB_plus_SM_buffer with T4_phag
16IT029 (# 782) Not LB_plus_SM_buffer with T4_phag
16IT032 (# 785) Not LB_plus_SM_buffer with T4_phag
16IT031 (# 784) Not LB_plus_SM_buffer with T4_phag
16IT039 (# 792) Not LB_plus_SM_buffer with T6_phag
16IT038 (# 791) Not LB_plus_SM_buffer with T6_phag
16IT041 (# 794) Not LB_plus_SM_buffer with T6_phag
16IT040 (# 793) Not LB_plus_SM_buffer with T6_phag
16IT042 (# 795) Not LB_plus_SM_buffer with T6_phag
16IT043 (# 796) Not LB_plus_SM_buffer with T6_phag
16IT037 (# 790) Not LB_plus_SM_buffer with T5_phag
16IT035 (# 788) Not LB_plus_SM_buffer with T5_phag
16IT034 (# 787) Not LB_plus_SM_buffer with T5_phag
16IT036 (# 789) Not LB_plus_SM_buffer with T5_phag
16IT024 (# 777) Not LB_plus_SM_buffer with T3_phag
16IT021 (# 774) Not LB_plus_SM_buffer with T3_phag
16IT023 (# 776) Not LB_plus_SM_buffer with T3_phag
16IT025 (# 778) Not LB_plus_SM_buffer with T3_phag
16IT026 (# 779) Not LB_plus_SM_buffer with T3_phag
16IT022 (# 775) Not LB_plus_SM_buffer with T3_phag
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0


17−Nov−16 Keio_ML9_set16 and similar experiments
(clustered by fitness)
16IT052 (# 805) Use LB_plus_SM_buffer
16IT044 (# 797) Use LB_plus_SM_buffer
16IT046 (# 799) Not LB_plus_SM_buffer with LZ4_pha
16IT045 (# 798) Not LB_plus_SM_buffer with LZ4_pha
16IT047 (# 800) Not LB_plus_SM_buffer with LZ4_pha
16IT055 (# 808) Not LB_plus_SM_buffer with CEV2_ph
16IT054 (# 807) Not LB_plus_SM_buffer with CEV2_ph
16IT053 (# 806) Not LB_plus_SM_buffer with CEV2_ph
16IT048 (# 801) Not LB_plus_SM_buffer with LZ4_pha
16IT051 (# 804) Not LB_plus_SM_buffer with CEV1_ph
16IT050 (# 803) Not LB_plus_SM_buffer with CEV1_ph
66S457 (# 2741) Not Bas38
16IT049 (# 802) Not LB_plus_SM_buffer with CEV1_ph
1.2
1.0
0.8
0.6
0.4
0.2
0.0

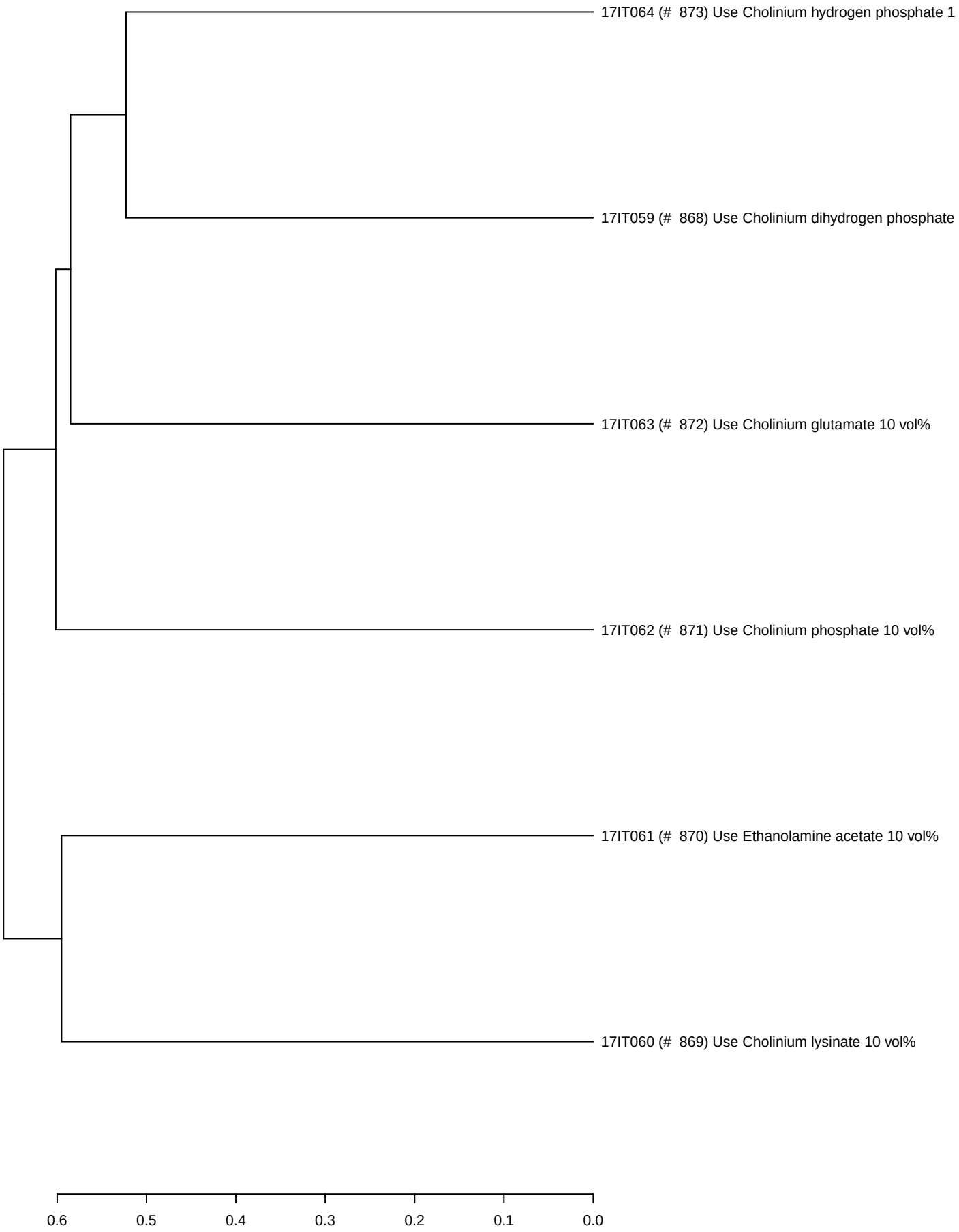
12/16/16 Keio_ML9_set17 and similar experiments (clustered by fitness)



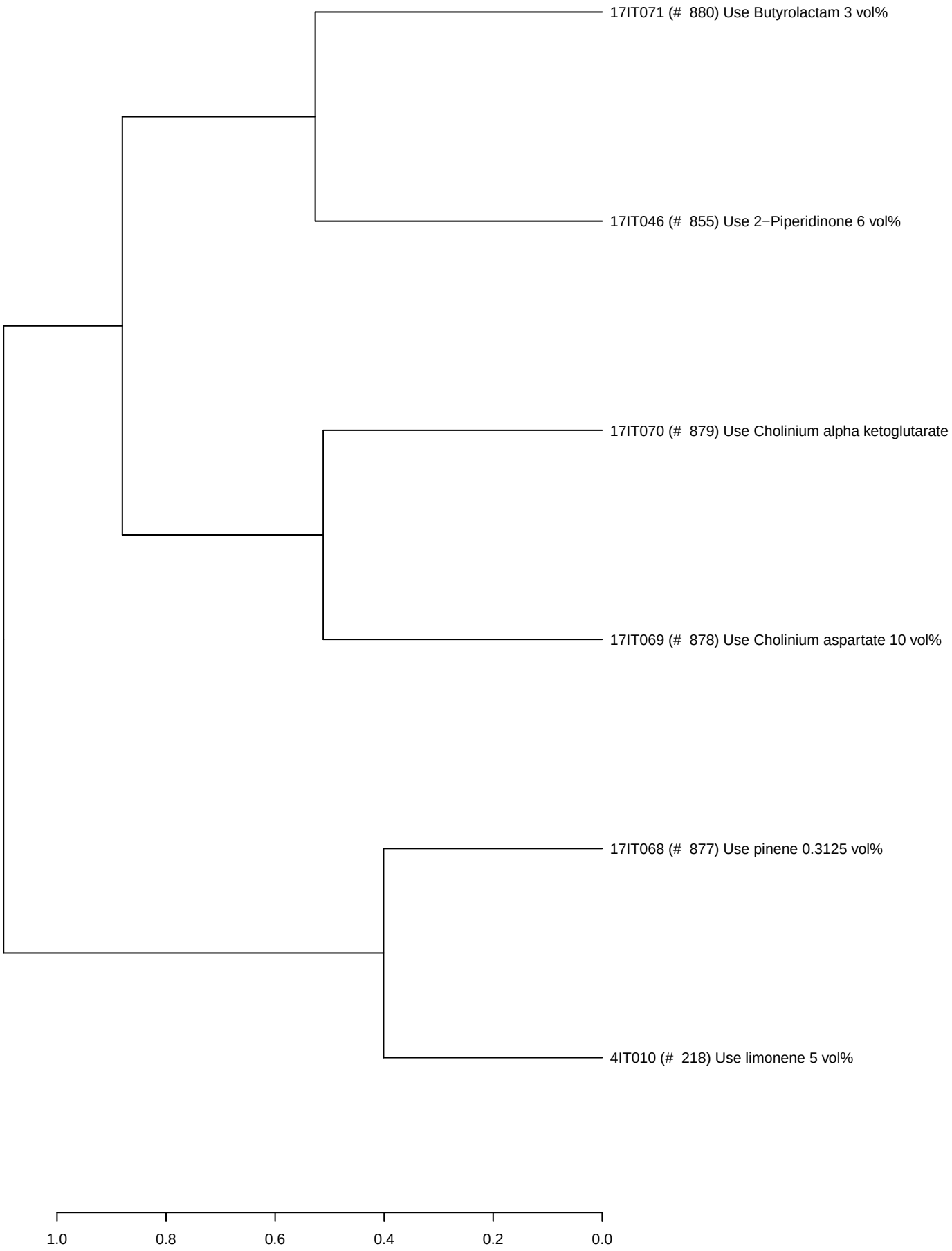
12/18/16 Keio_ML9_set17 and similar experiments (clustered by fitness)



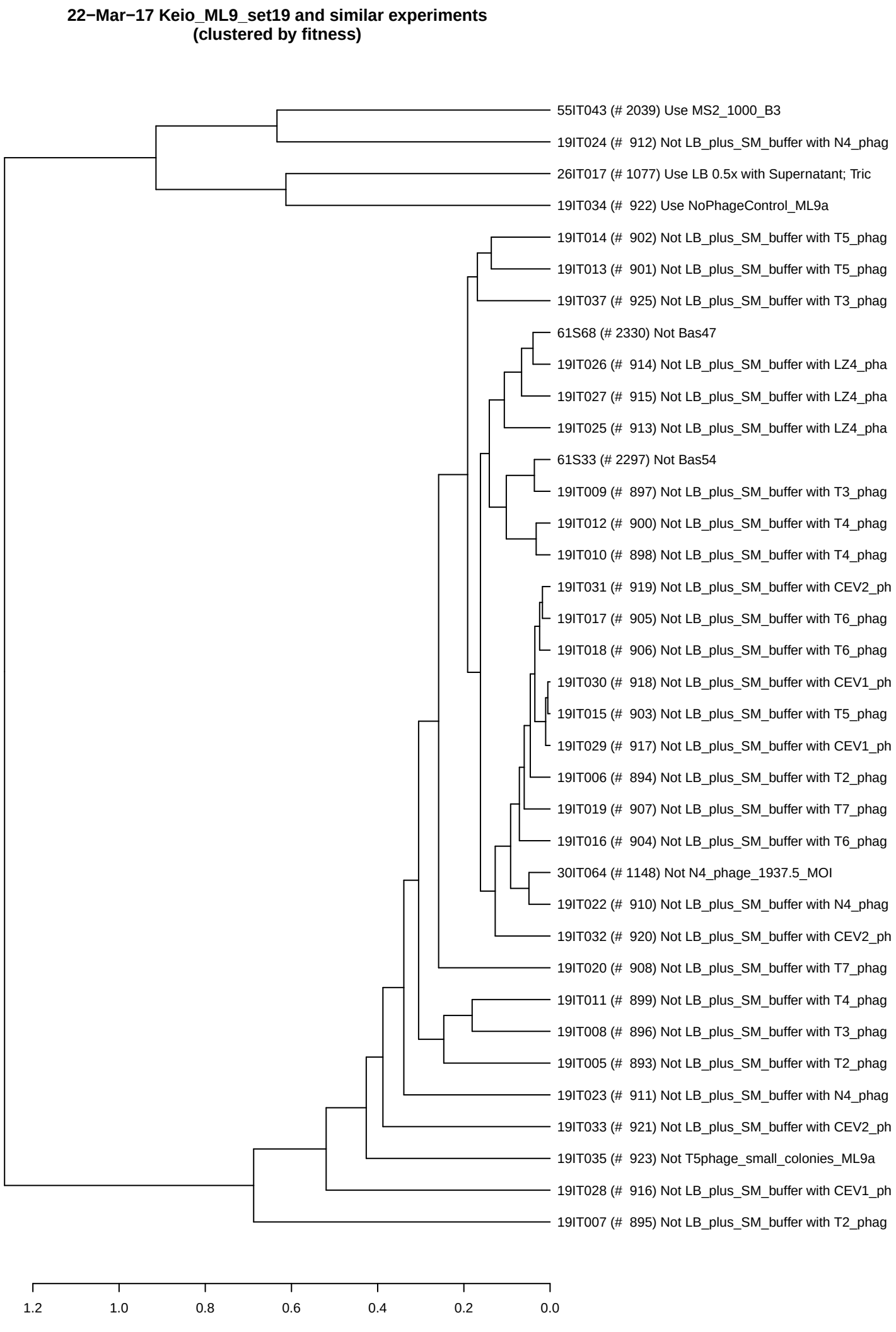
12/24/16 Keio_ML9_set17 and similar experiments (clustered by fitness)



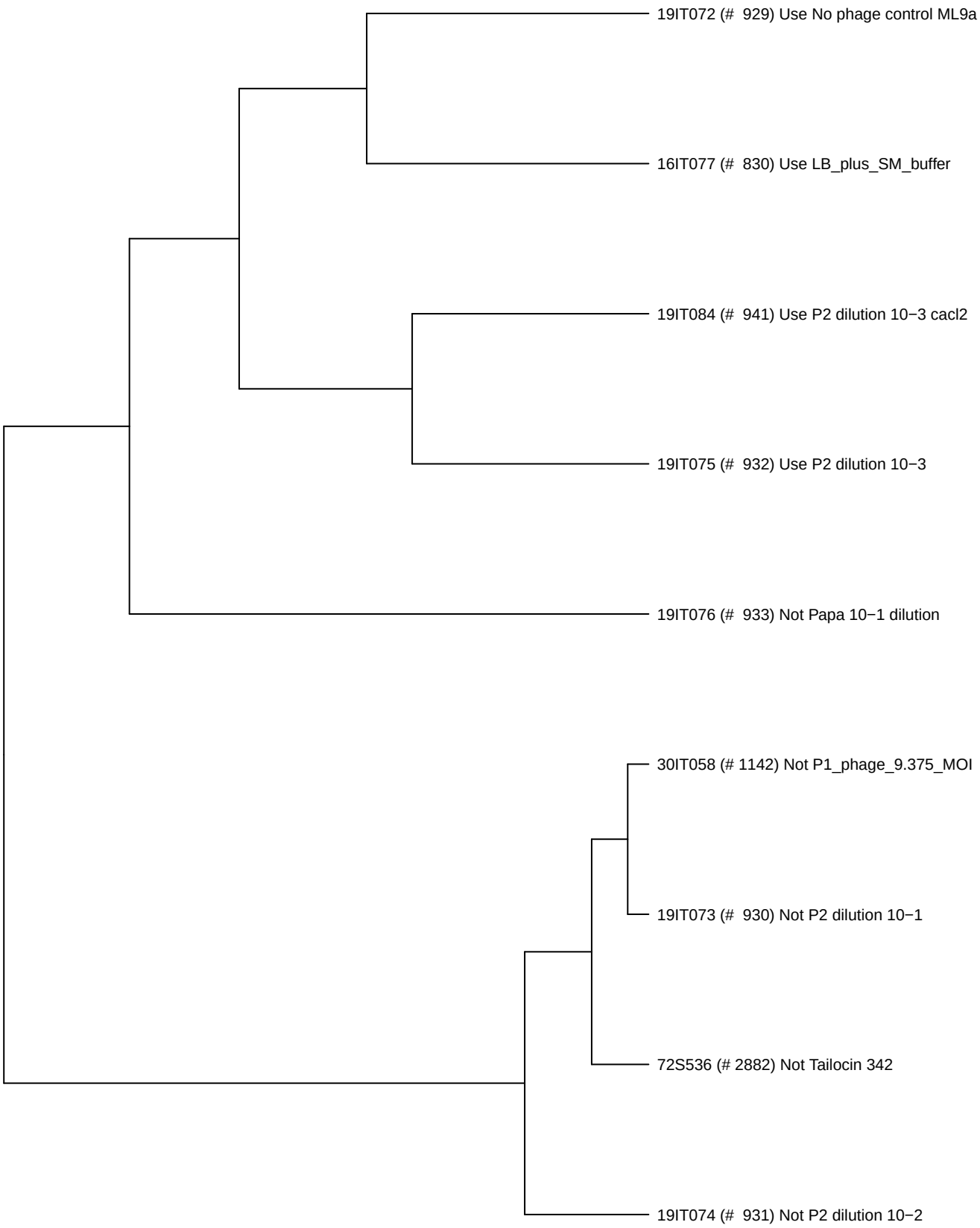
12/27/16 Keio_ML9_set17 and similar experiments (clustered by fitness)

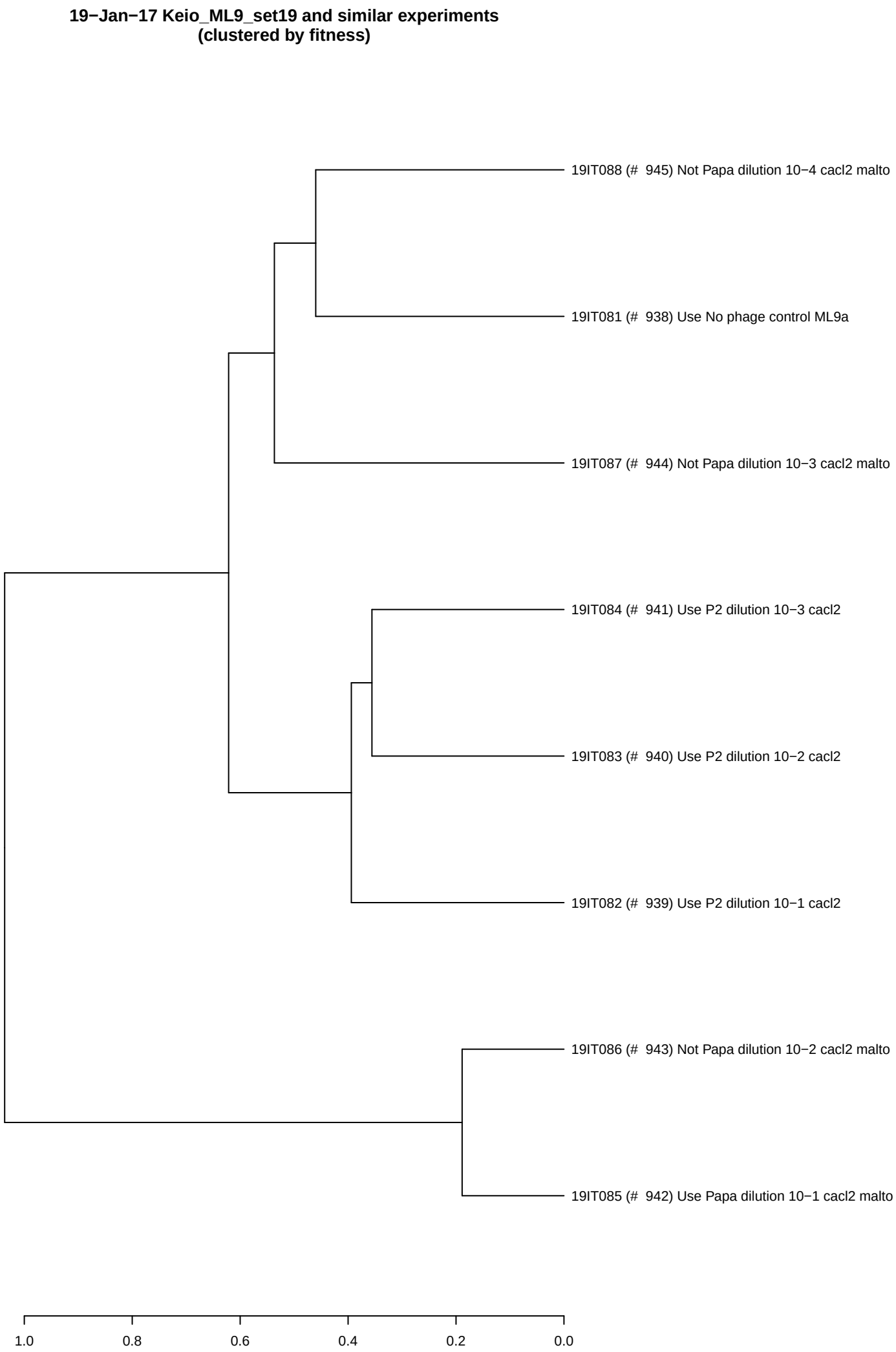


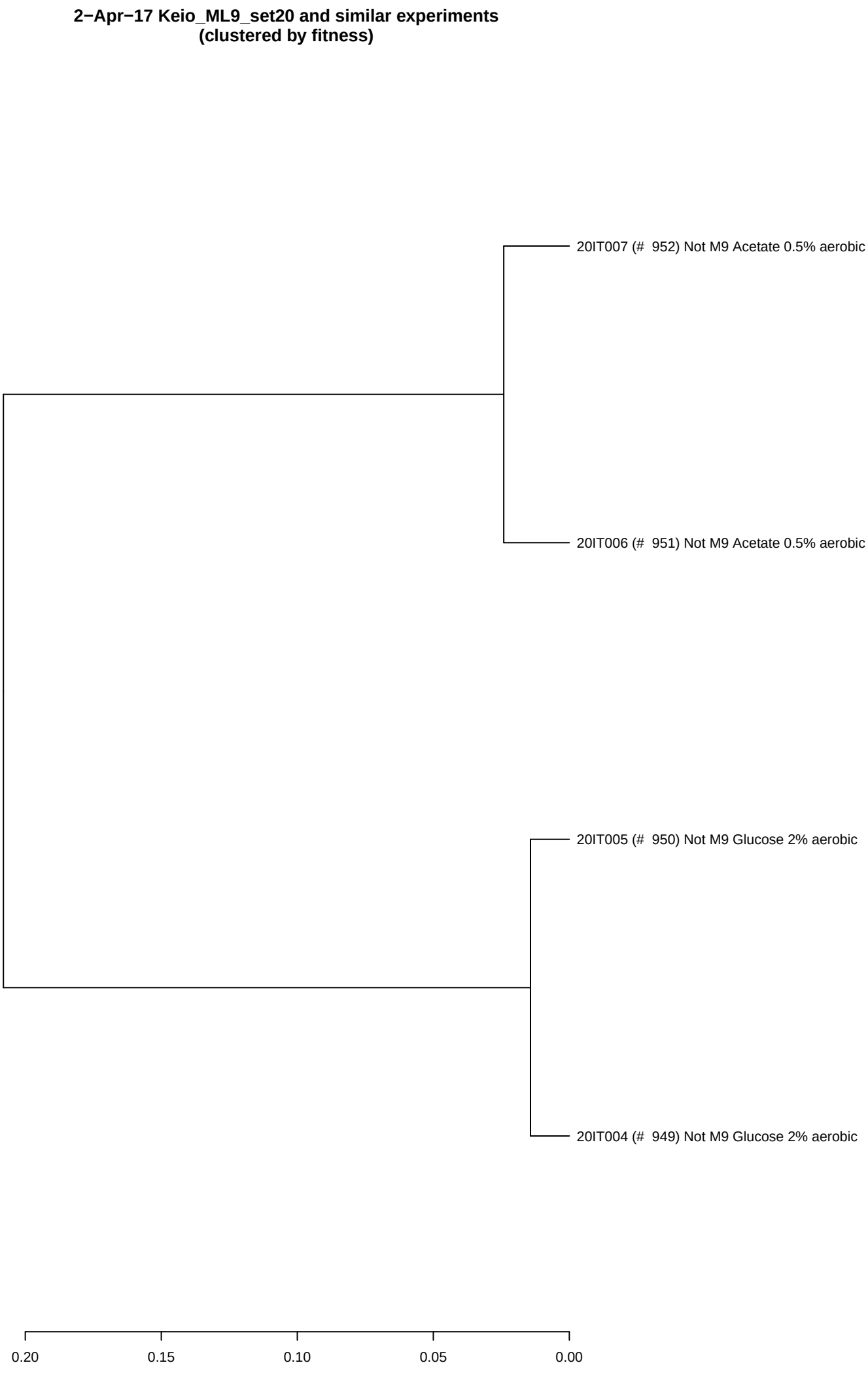
10/27/16 Keio_ML9_set18 and similar experiments (clustered by fitness)

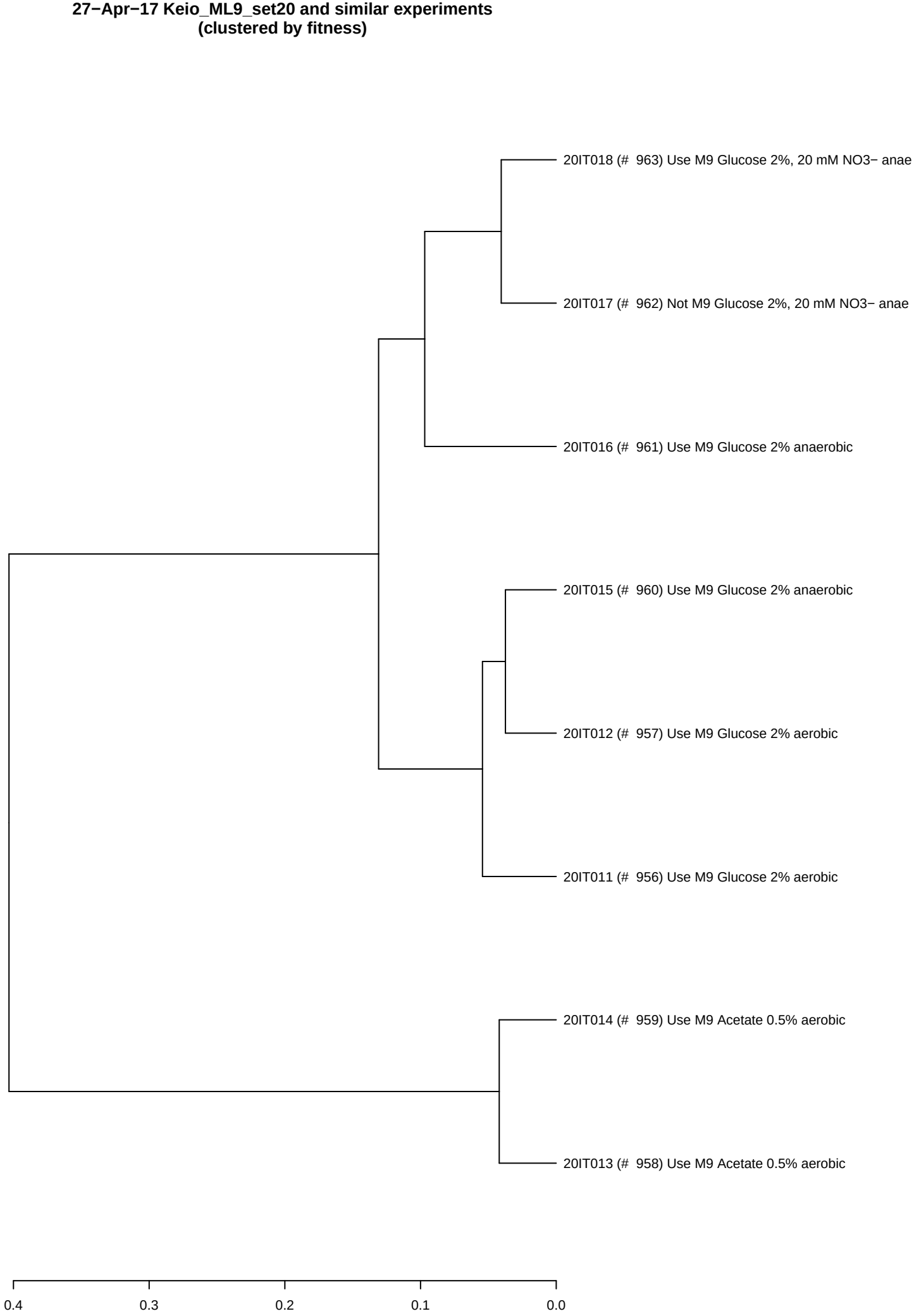

22−Mar−17 Keio_ML9_set19 and similar experiments
(clustered by fitness)
55IT043 (# 2039) Use MS2_1000_B3
19IT024 (# 912) Not LB_plus_SM_buffer with N4_phag
26IT017 (# 1077) Use LB 0.5x with Supernatant; Tric
19IT034 (# 922) Use NoPhageControl_ML9a
19IT014 (# 902) Not LB_plus_SM_buffer with T5_phag
19IT013 (# 901) Not LB_plus_SM_buffer with T5_phag
19IT037 (# 925) Not LB_plus_SM_buffer with T3_phag
61S68 (# 2330) Not Bas47
19IT026 (# 914) Not LB_plus_SM_buffer with LZ4_pha
19IT027 (# 915) Not LB_plus_SM_buffer with LZ4_pha
19IT025 (# 913) Not LB_plus_SM_buffer with LZ4_pha
61S33 (# 2297) Not Bas54
19IT009 (# 897) Not LB_plus_SM_buffer with T3_phag
19IT012 (# 900) Not LB_plus_SM_buffer with T4_phag
19IT010 (# 898) Not LB_plus_SM_buffer with T4_phag
19IT031 (# 919) Not LB_plus_SM_buffer with CEV2_ph
19IT017 (# 905) Not LB_plus_SM_buffer with T6_phag
19IT018 (# 906) Not LB_plus_SM_buffer with T6_phag
19IT030 (# 918) Not LB_plus_SM_buffer with CEV1_ph
19IT015 (# 903) Not LB_plus_SM_buffer with T5_phag
19IT029 (# 917) Not LB_plus_SM_buffer with CEV1_ph
19IT006 (# 894) Not LB_plus_SM_buffer with T2_phag
19IT019 (# 907) Not LB_plus_SM_buffer with T7_phag
19IT016 (# 904) Not LB_plus_SM_buffer with T6_phag
30IT064 (# 1148) Not N4_phage_1937.5_MOI
19IT022 (# 910) Not LB_plus_SM_buffer with N4_phag
19IT032 (# 920) Not LB_plus_SM_buffer with CEV2_ph
19IT020 (# 908) Not LB_plus_SM_buffer with T7_phag
19IT011 (# 899) Not LB_plus_SM_buffer with T4_phag
19IT008 (# 896) Not LB_plus_SM_buffer with T3_phag
19IT005 (# 893) Not LB_plus_SM_buffer with T2_phag
19IT023 (# 911) Not LB_plus_SM_buffer with N4_phag
19IT033 (# 921) Not LB_plus_SM_buffer with CEV2_ph
19IT035 (# 923) Not T5phage_small_colonies_ML9a
19IT028 (# 916) Not LB_plus_SM_buffer with CEV1_ph
19IT007 (# 895) Not LB_plus_SM_buffer with T2_phag
1.2
1.0
0.8
0.6
0.4
0.2
0.0

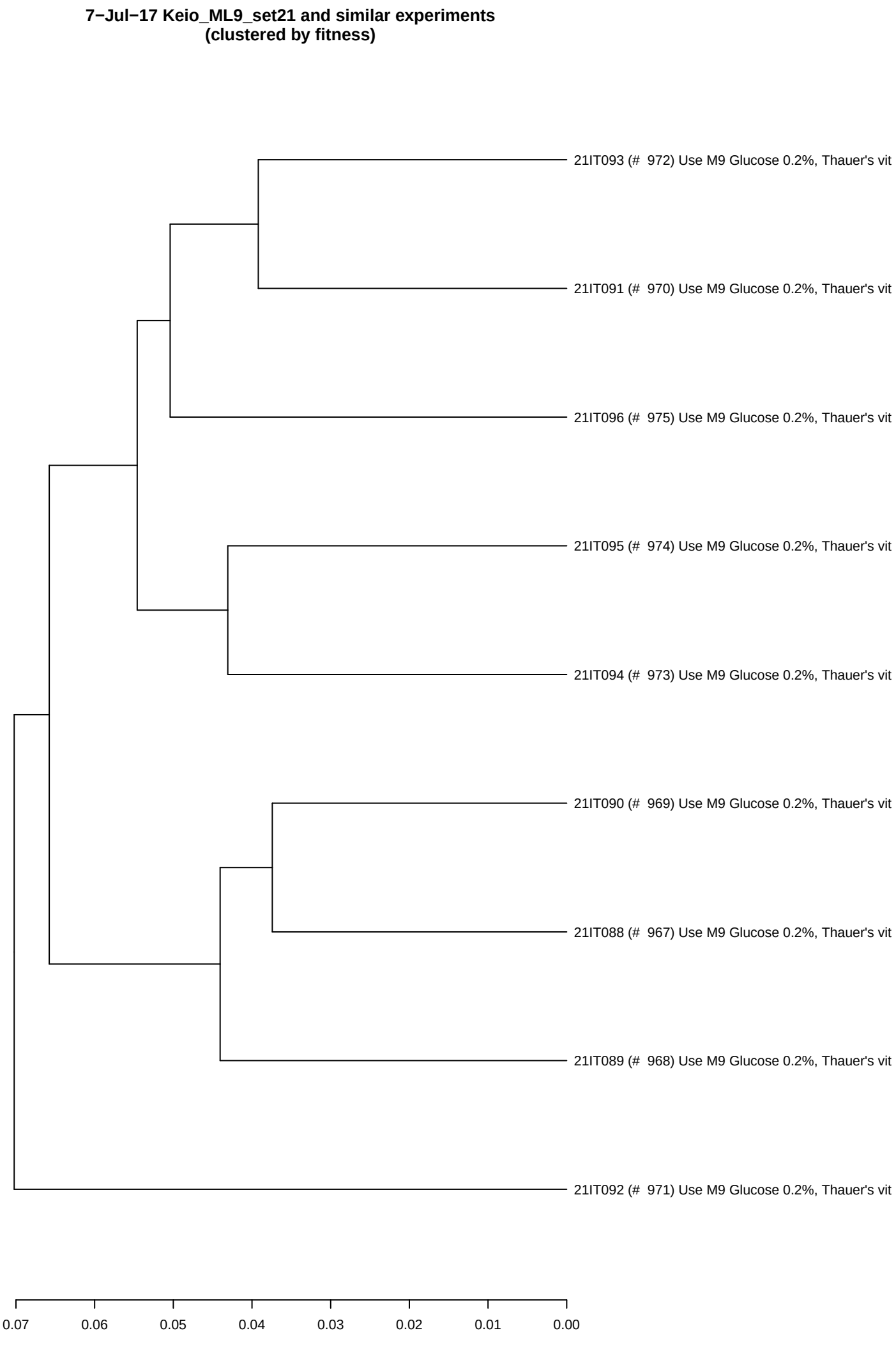
13−Dec−16 Keio_ML9_set19 and similar experiments (clustered by fitness)

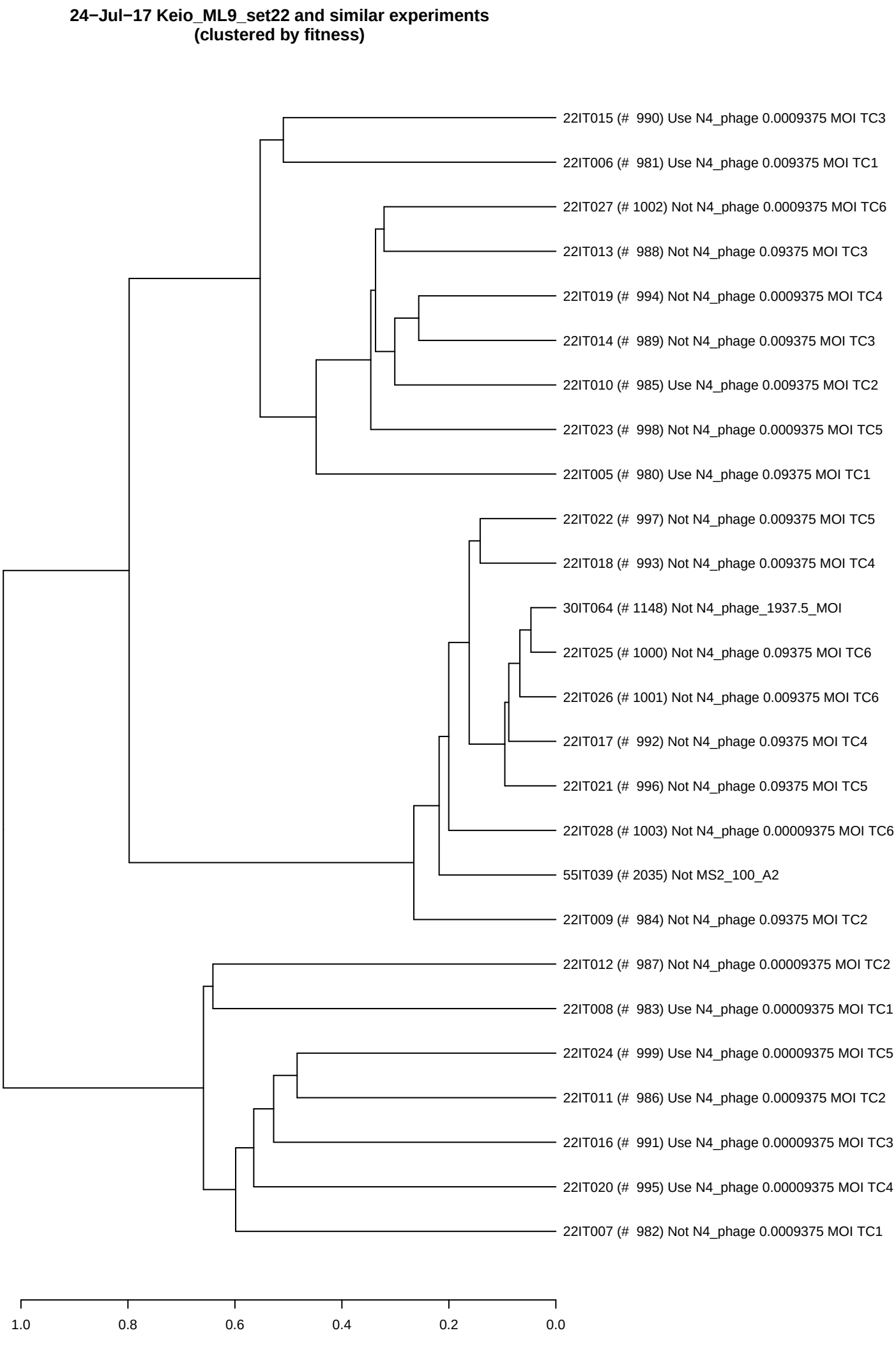


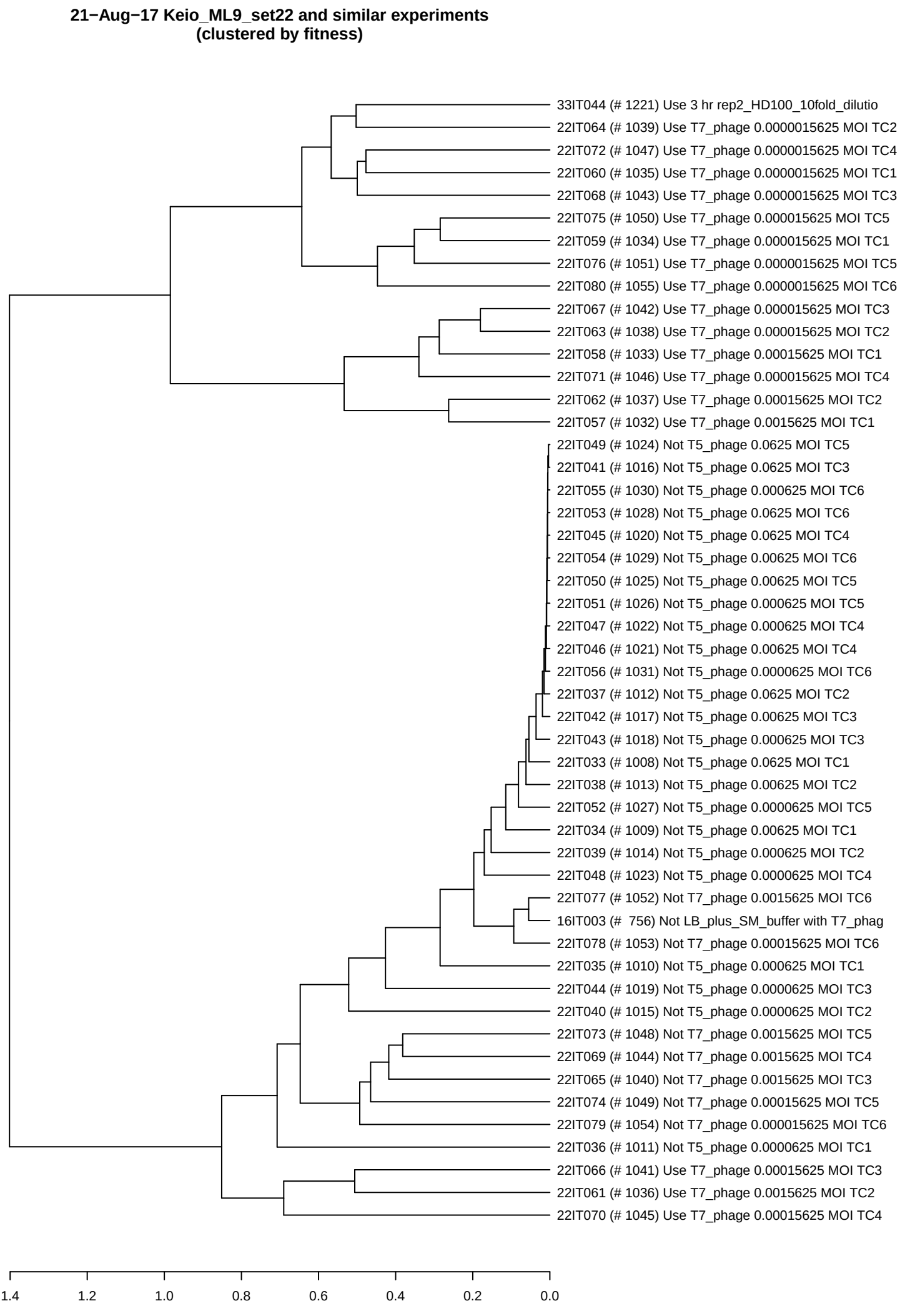

19−Jan−17 Keio_ML9_set19 and similar experiments
(clustered by fitness)
19IT088 (# 945) Not Papa dilution 10−4 cacl2 malto
19IT081 (# 938) Use No phage control ML9a
19IT087 (# 944) Not Papa dilution 10−3 cacl2 malto
19IT084 (# 941) Use P2 dilution 10−3 cacl2
19IT083 (# 940) Use P2 dilution 10−2 cacl2
19IT082 (# 939) Use P2 dilution 10−1 cacl2
19IT086 (# 943) Not Papa dilution 10−2 cacl2 malto
19IT085 (# 942) Use Papa dilution 10−1 cacl2 malto
1.0
0.8
0.6
0.4
0.2
0.0


2−Apr−17 Keio_ML9_set20 and similar experiments
(clustered by fitness)
20IT007 (# 952) Not M9 Acetate 0.5% aerobic
20IT006 (# 951) Not M9 Acetate 0.5% aerobic
20IT005 (# 950) Not M9 Glucose 2% aerobic
20IT004 (# 949) Not M9 Glucose 2% aerobic
0.20
0.15
0.10
0.05
0.00

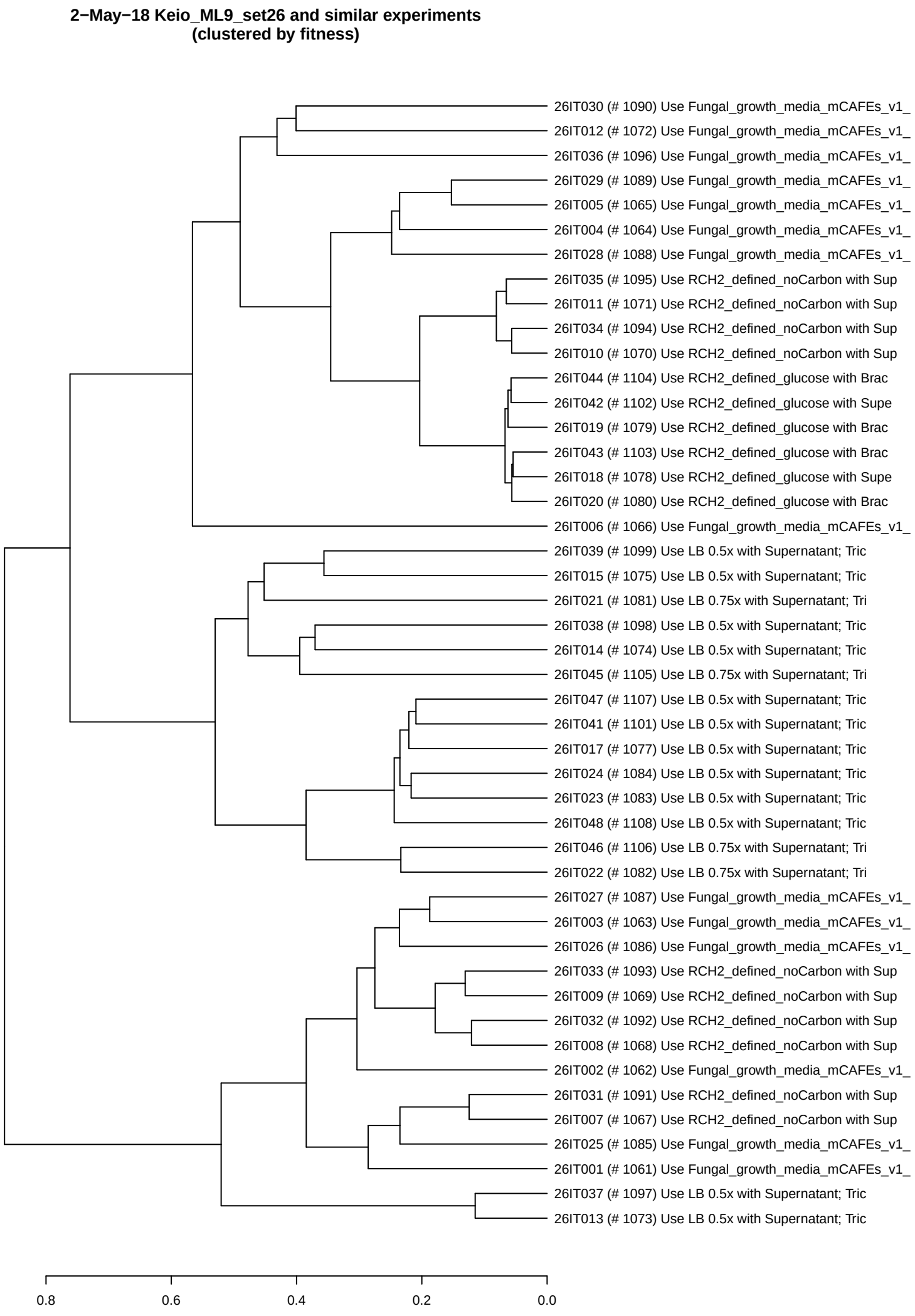

27−Apr−17 Keio_ML9_set20 and similar experiments
(clustered by fitness)
20IT018 (# 963) Use M9 Glucose 2%, 20 mM NO3− anae
20IT017 (# 962) Not M9 Glucose 2%, 20 mM NO3− anae
20IT016 (# 961) Use M9 Glucose 2% anaerobic
20IT015 (# 960) Use M9 Glucose 2% anaerobic
20IT012 (# 957) Use M9 Glucose 2% aerobic
20IT011 (# 956) Use M9 Glucose 2% aerobic
20IT014 (# 959) Use M9 Acetate 0.5% aerobic
20IT013 (# 958) Use M9 Acetate 0.5% aerobic
0.4
0.3
0.2
0.1
0.0

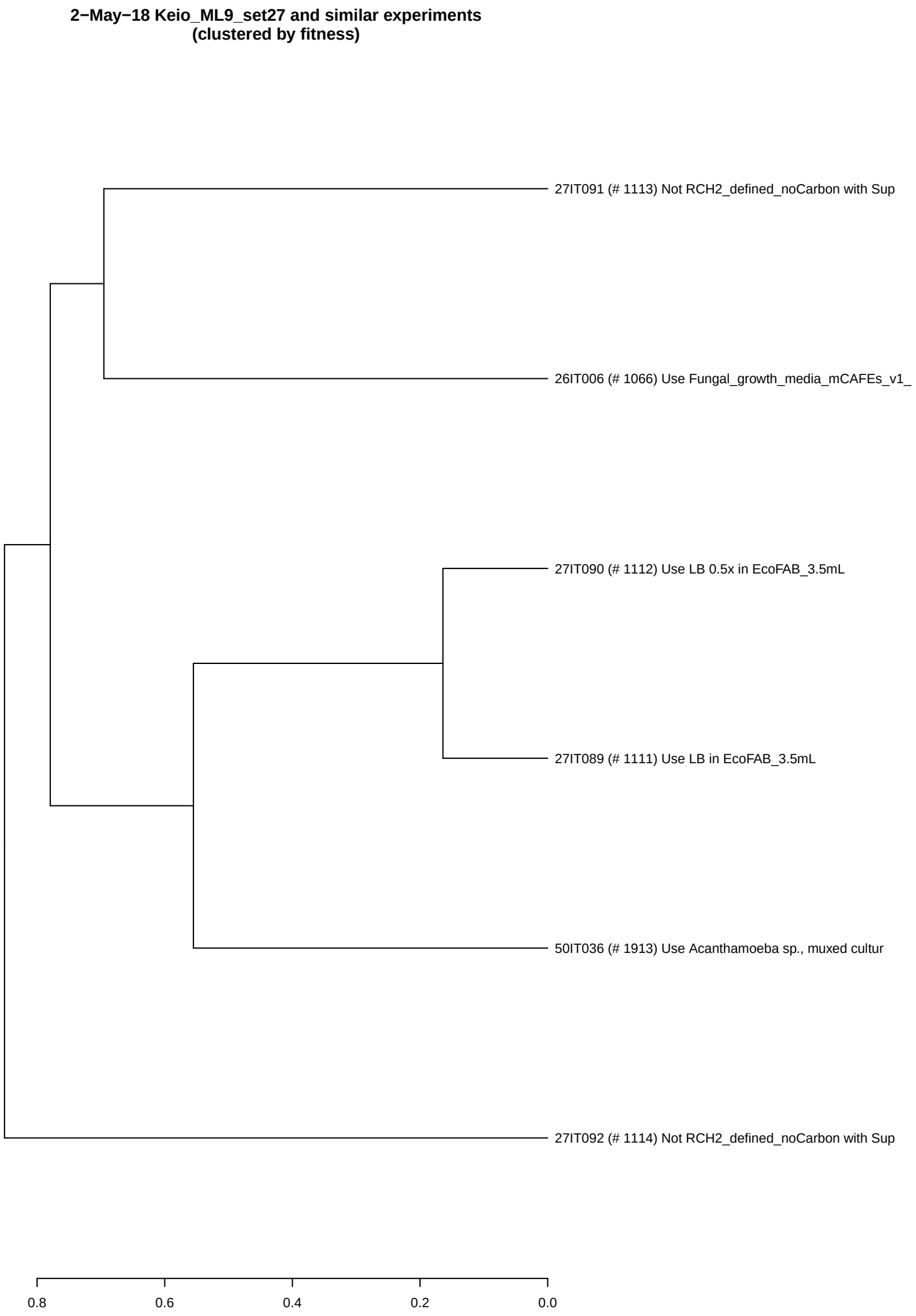

7−Jul−17 Keio_ML9_set21 and similar experiments
(clustered by fitness)
21IT093 (# 972) Use M9 Glucose 0.2%, Thauer's vit
21IT091 (# 970) Use M9 Glucose 0.2%, Thauer's vit
21IT096 (# 975) Use M9 Glucose 0.2%, Thauer's vit
21IT095 (# 974) Use M9 Glucose 0.2%, Thauer's vit
21IT094 (# 973) Use M9 Glucose 0.2%, Thauer's vit
21IT090 (# 969) Use M9 Glucose 0.2%, Thauer's vit
21IT088 (# 967) Use M9 Glucose 0.2%, Thauer's vit
21IT089 (# 968) Use M9 Glucose 0.2%, Thauer's vit
21IT092 (# 971) Use M9 Glucose 0.2%, Thauer's vit
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00

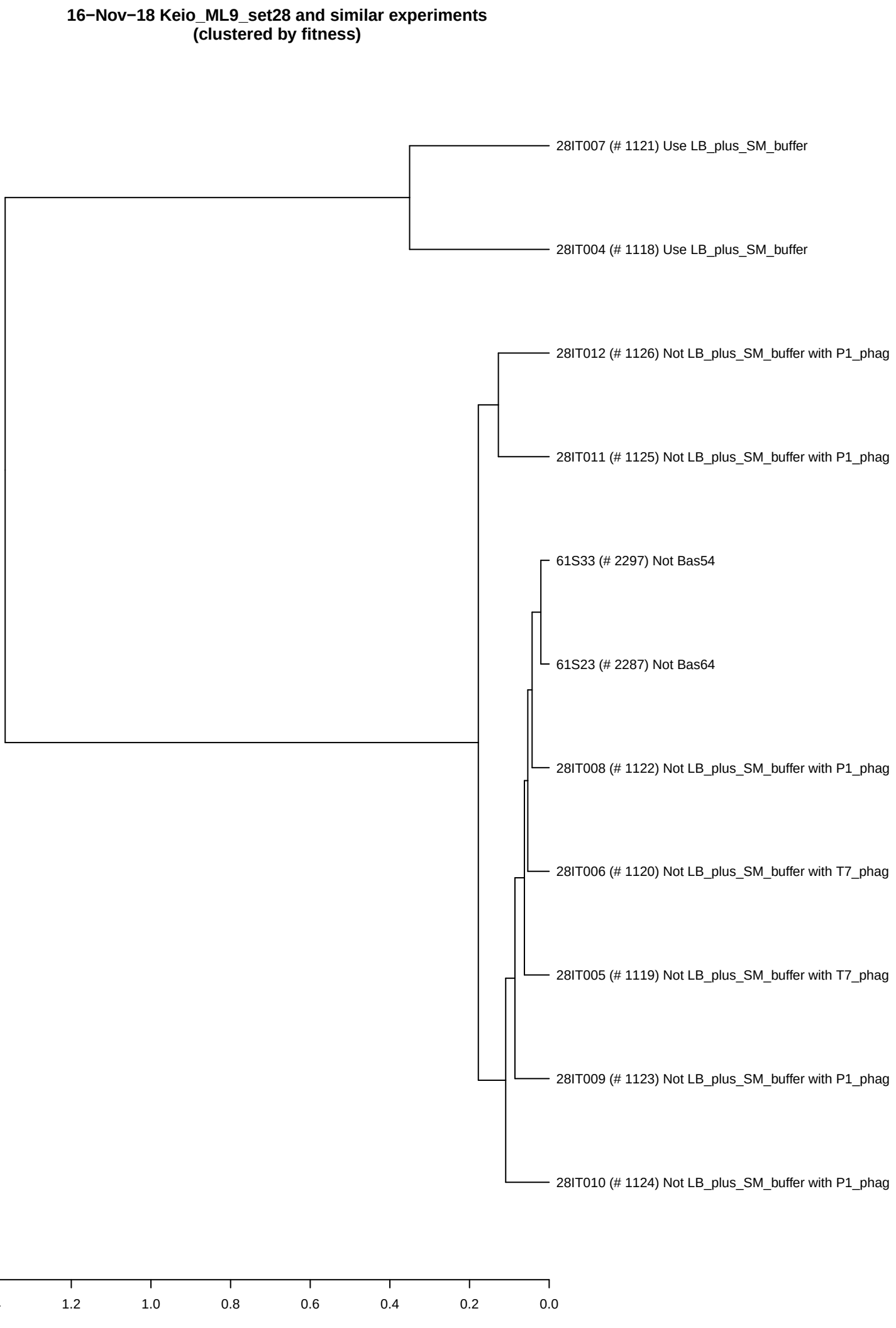

24−Jul−17 Keio_ML9_set22 and similar experiments
(clustered by fitness)
22IT015 (# 990) Use N4_phage 0.0009375 MOI TC3
22IT006 (# 981) Use N4_phage 0.009375 MOI TC1
22IT027 (# 1002) Not N4_phage 0.0009375 MOI TC6
22IT013 (# 988) Not N4_phage 0.09375 MOI TC3
22IT019 (# 994) Not N4_phage 0.0009375 MOI TC4
22IT014 (# 989) Not N4_phage 0.009375 MOI TC3
22IT010 (# 985) Use N4_phage 0.009375 MOI TC2
22IT023 (# 998) Not N4_phage 0.0009375 MOI TC5
22IT005 (# 980) Use N4_phage 0.09375 MOI TC1
22IT022 (# 997) Not N4_phage 0.009375 MOI TC5
22IT018 (# 993) Not N4_phage 0.009375 MOI TC4
30IT064 (# 1148) Not N4_phage_1937.5_MOI
22IT025 (# 1000) Not N4_phage 0.09375 MOI TC6
22IT026 (# 1001) Not N4_phage 0.009375 MOI TC6
22IT017 (# 992) Not N4_phage 0.09375 MOI TC4
22IT021 (# 996) Not N4_phage 0.09375 MOI TC5
22IT028 (# 1003) Not N4_phage 0.00009375 MOI TC6
55IT039 (# 2035) Not MS2_100_A2
22IT009 (# 984) Not N4_phage 0.09375 MOI TC2
22IT012 (# 987) Not N4_phage 0.00009375 MOI TC2
22IT008 (# 983) Use N4_phage 0.00009375 MOI TC1
22IT024 (# 999) Use N4_phage 0.00009375 MOI TC5
22IT011 (# 986) Use N4_phage 0.0009375 MOI TC2
22IT016 (# 991) Use N4_phage 0.00009375 MOI TC3
22IT020 (# 995) Use N4_phage 0.00009375 MOI TC4
22IT007 (# 982) Not N4_phage 0.0009375 MOI TC1
1.0
0.8
0.6
0.4
0.2
0.0


21−Aug−17 Keio_ML9_set22 and similar experiments
(clustered by fitness)
33IT044 (# 1221) Use 3 hr rep2_HD100_10fold_dilutio
22IT064 (# 1039) Use T7_phage 0.0000015625 MOI TC2
22IT072 (# 1047) Use T7_phage 0.0000015625 MOI TC4
22IT060 (# 1035) Use T7_phage 0.0000015625 MOI TC1
22IT068 (# 1043) Use T7_phage 0.0000015625 MOI TC3
22IT075 (# 1050) Use T7_phage 0.000015625 MOI TC5
22IT059 (# 1034) Use T7_phage 0.000015625 MOI TC1
22IT076 (# 1051) Use T7_phage 0.0000015625 MOI TC5
22IT080 (# 1055) Use T7_phage 0.0000015625 MOI TC6
22IT067 (# 1042) Use T7_phage 0.000015625 MOI TC3
22IT063 (# 1038) Use T7_phage 0.000015625 MOI TC2
22IT058 (# 1033) Use T7_phage 0.00015625 MOI TC1
22IT071 (# 1046) Use T7_phage 0.000015625 MOI TC4
22IT062 (# 1037) Use T7_phage 0.00015625 MOI TC2
22IT057 (# 1032) Use T7_phage 0.0015625 MOI TC1
22IT049 (# 1024) Not T5_phage 0.0625 MOI TC5
22IT041 (# 1016) Not T5_phage 0.0625 MOI TC3
22IT055 (# 1030) Not T5_phage 0.000625 MOI TC6
22IT053 (# 1028) Not T5_phage 0.0625 MOI TC6
22IT045 (# 1020) Not T5_phage 0.0625 MOI TC4
22IT054 (# 1029) Not T5_phage 0.00625 MOI TC6
22IT050 (# 1025) Not T5_phage 0.00625 MOI TC5
22IT051 (# 1026) Not T5_phage 0.000625 MOI TC5
22IT047 (# 1022) Not T5_phage 0.000625 MOI TC4
22IT046 (# 1021) Not T5_phage 0.00625 MOI TC4
22IT056 (# 1031) Not T5_phage 0.0000625 MOI TC6
22IT037 (# 1012) Not T5_phage 0.0625 MOI TC2
22IT042 (# 1017) Not T5_phage 0.00625 MOI TC3
22IT043 (# 1018) Not T5_phage 0.000625 MOI TC3
22IT033 (# 1008) Not T5_phage 0.0625 MOI TC1
22IT038 (# 1013) Not T5_phage 0.00625 MOI TC2
22IT052 (# 1027) Not T5_phage 0.0000625 MOI TC5
22IT034 (# 1009) Not T5_phage 0.00625 MOI TC1
22IT039 (# 1014) Not T5_phage 0.000625 MOI TC2
22IT048 (# 1023) Not T5_phage 0.0000625 MOI TC4
22IT077 (# 1052) Not T7_phage 0.0015625 MOI TC6
16IT003 (# 756) Not LB_plus_SM_buffer with T7_phag
22IT078 (# 1053) Not T7_phage 0.00015625 MOI TC6
22IT035 (# 1010) Not T5_phage 0.000625 MOI TC1
22IT044 (# 1019) Not T5_phage 0.0000625 MOI TC3
22IT040 (# 1015) Not T5_phage 0.0000625 MOI TC2
22IT073 (# 1048) Not T7_phage 0.0015625 MOI TC5
22IT069 (# 1044) Not T7_phage 0.0015625 MOI TC4
22IT065 (# 1040) Not T7_phage 0.0015625 MOI TC3
22IT074 (# 1049) Not T7_phage 0.00015625 MOI TC5
22IT079 (# 1054) Not T7_phage 0.000015625 MOI TC6
22IT036 (# 1011) Not T5_phage 0.0000625 MOI TC1
22IT066 (# 1041) Use T7_phage 0.00015625 MOI TC3
22IT061 (# 1036) Use T7_phage 0.0015625 MOI TC2
22IT070 (# 1045) Use T7_phage 0.00015625 MOI TC4
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

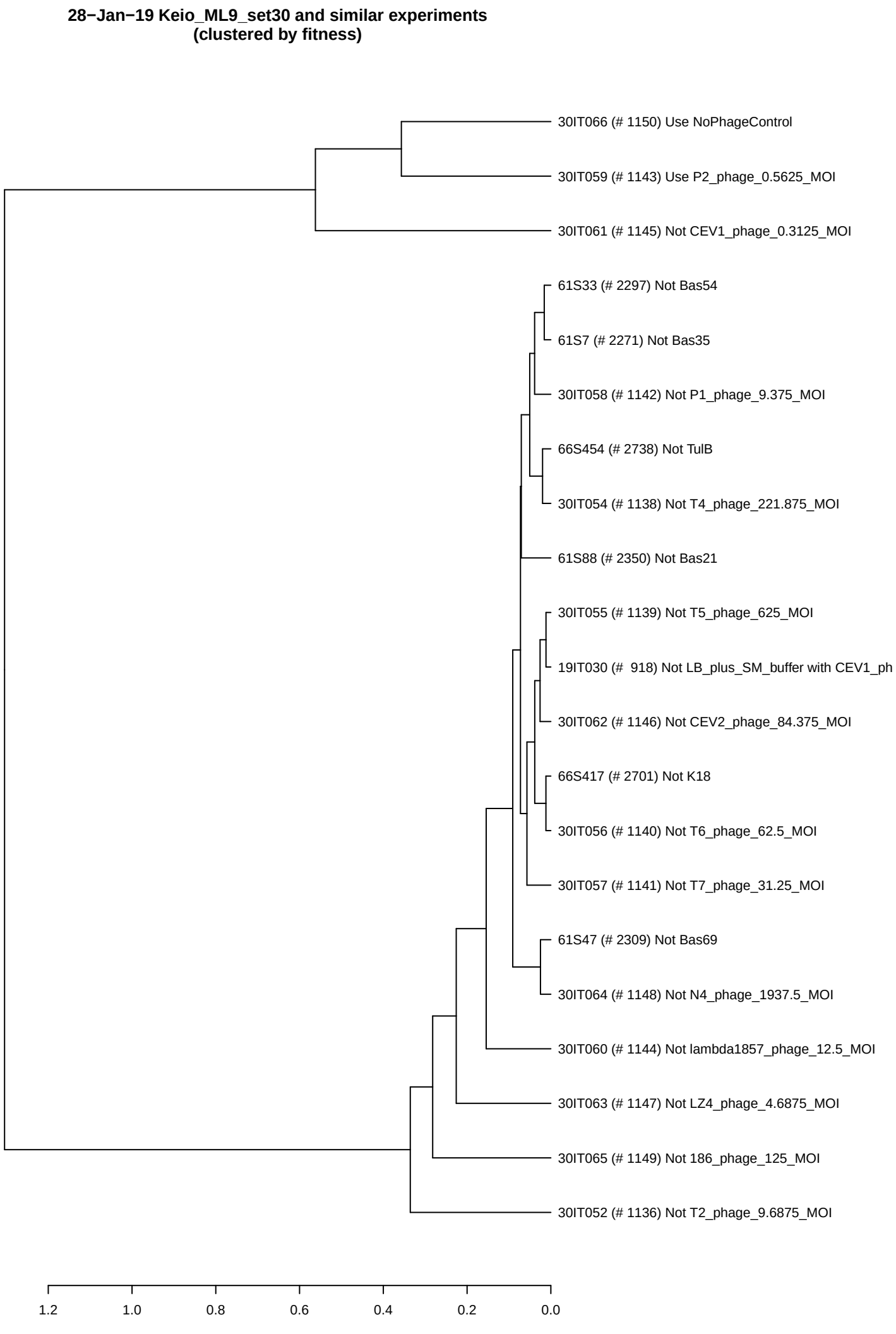
12/18/2017 Keio_ML9_set25 and similar experiments (clustered by fitness)


2−May−18 Keio_ML9_set26 and similar experiments
(clustered by fitness)
26IT030 (# 1090) Use Fungal_growth_media_mCAFEs_v1_
26IT012 (# 1072) Use Fungal_growth_media_mCAFEs_v1_
26IT036 (# 1096) Use Fungal_growth_media_mCAFEs_v1_
26IT029 (# 1089) Use Fungal_growth_media_mCAFEs_v1_
26IT005 (# 1065) Use Fungal_growth_media_mCAFEs_v1_
26IT004 (# 1064) Use Fungal_growth_media_mCAFEs_v1_
26IT028 (# 1088) Use Fungal_growth_media_mCAFEs_v1_
26IT035 (# 1095) Use RCH2_defined_noCarbon with Sup
26IT011 (# 1071) Use RCH2_defined_noCarbon with Sup
26IT034 (# 1094) Use RCH2_defined_noCarbon with Sup
26IT010 (# 1070) Use RCH2_defined_noCarbon with Sup
26IT044 (# 1104) Use RCH2_defined_glucose with Brac
26IT042 (# 1102) Use RCH2_defined_glucose with Supe
26IT019 (# 1079) Use RCH2_defined_glucose with Brac
26IT043 (# 1103) Use RCH2_defined_glucose with Brac
26IT018 (# 1078) Use RCH2_defined_glucose with Supe
26IT020 (# 1080) Use RCH2_defined_glucose with Brac
26IT006 (# 1066) Use Fungal_growth_media_mCAFEs_v1_
26IT039 (# 1099) Use LB 0.5x with Supernatant; Tric
26IT015 (# 1075) Use LB 0.5x with Supernatant; Tric
26IT021 (# 1081) Use LB 0.75x with Supernatant; Tri
26IT038 (# 1098) Use LB 0.5x with Supernatant; Tric
26IT014 (# 1074) Use LB 0.5x with Supernatant; Tric
26IT045 (# 1105) Use LB 0.75x with Supernatant; Tri
26IT047 (# 1107) Use LB 0.5x with Supernatant; Tric
26IT041 (# 1101) Use LB 0.5x with Supernatant; Tric
26IT017 (# 1077) Use LB 0.5x with Supernatant; Tric
26IT024 (# 1084) Use LB 0.5x with Supernatant; Tric
26IT023 (# 1083) Use LB 0.5x with Supernatant; Tric
26IT048 (# 1108) Use LB 0.5x with Supernatant; Tric
26IT046 (# 1106) Use LB 0.75x with Supernatant; Tri
26IT022 (# 1082) Use LB 0.75x with Supernatant; Tri
26IT027 (# 1087) Use Fungal_growth_media_mCAFEs_v1_
26IT003 (# 1063) Use Fungal_growth_media_mCAFEs_v1_
26IT026 (# 1086) Use Fungal_growth_media_mCAFEs_v1_
26IT033 (# 1093) Use RCH2_defined_noCarbon with Sup
26IT009 (# 1069) Use RCH2_defined_noCarbon with Sup
26IT032 (# 1092) Use RCH2_defined_noCarbon with Sup
26IT008 (# 1068) Use RCH2_defined_noCarbon with Sup
26IT002 (# 1062) Use Fungal_growth_media_mCAFEs_v1_
26IT031 (# 1091) Use RCH2_defined_noCarbon with Sup
26IT007 (# 1067) Use RCH2_defined_noCarbon with Sup
26IT025 (# 1085) Use Fungal_growth_media_mCAFEs_v1_
26IT001 (# 1061) Use Fungal_growth_media_mCAFEs_v1_
26IT037 (# 1097) Use LB 0.5x with Supernatant; Tric
26IT013 (# 1073) Use LB 0.5x with Supernatant; Tric
0.8
0.6
0.4
0.2
0.0

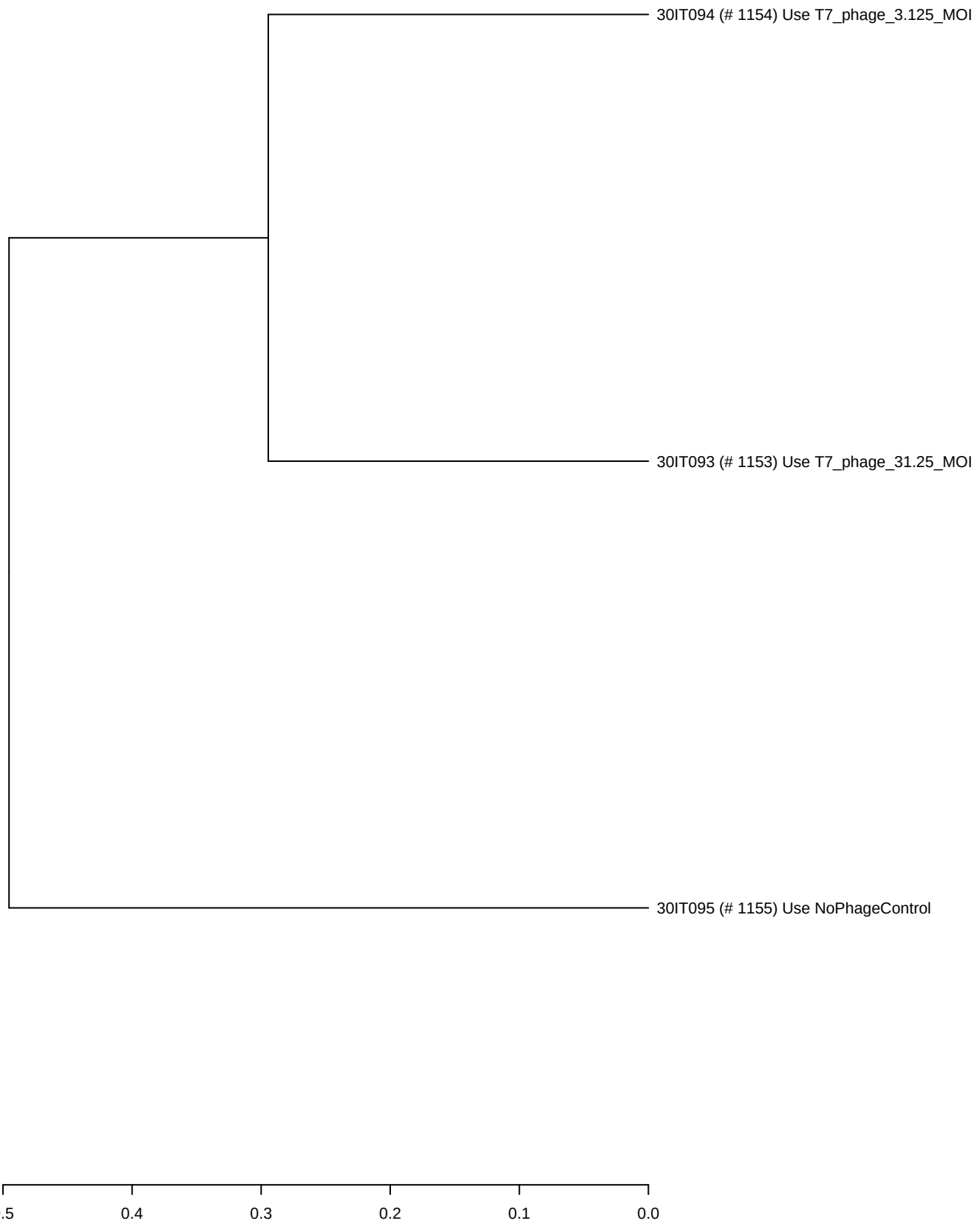

2−May−18 Keio_ML9_set27 and similar experiments
(clustered by fitness)
27IT091 (# 1113) Not RCH2_defined_noCarbon with Sup
26IT006 (# 1066) Use Fungal_growth_media_mCAFEs_v1_
27IT090 (# 1112) Use LB 0.5x in EcoFAB_3.5mL
27IT089 (# 1111) Use LB in EcoFAB_3.5mL
50IT036 (# 1913) Use Acanthamoeba sp., muxed cultur
27IT092 (# 1114) Not RCH2_defined_noCarbon with Sup
0.8
0.6
0.4
0.2
0.0

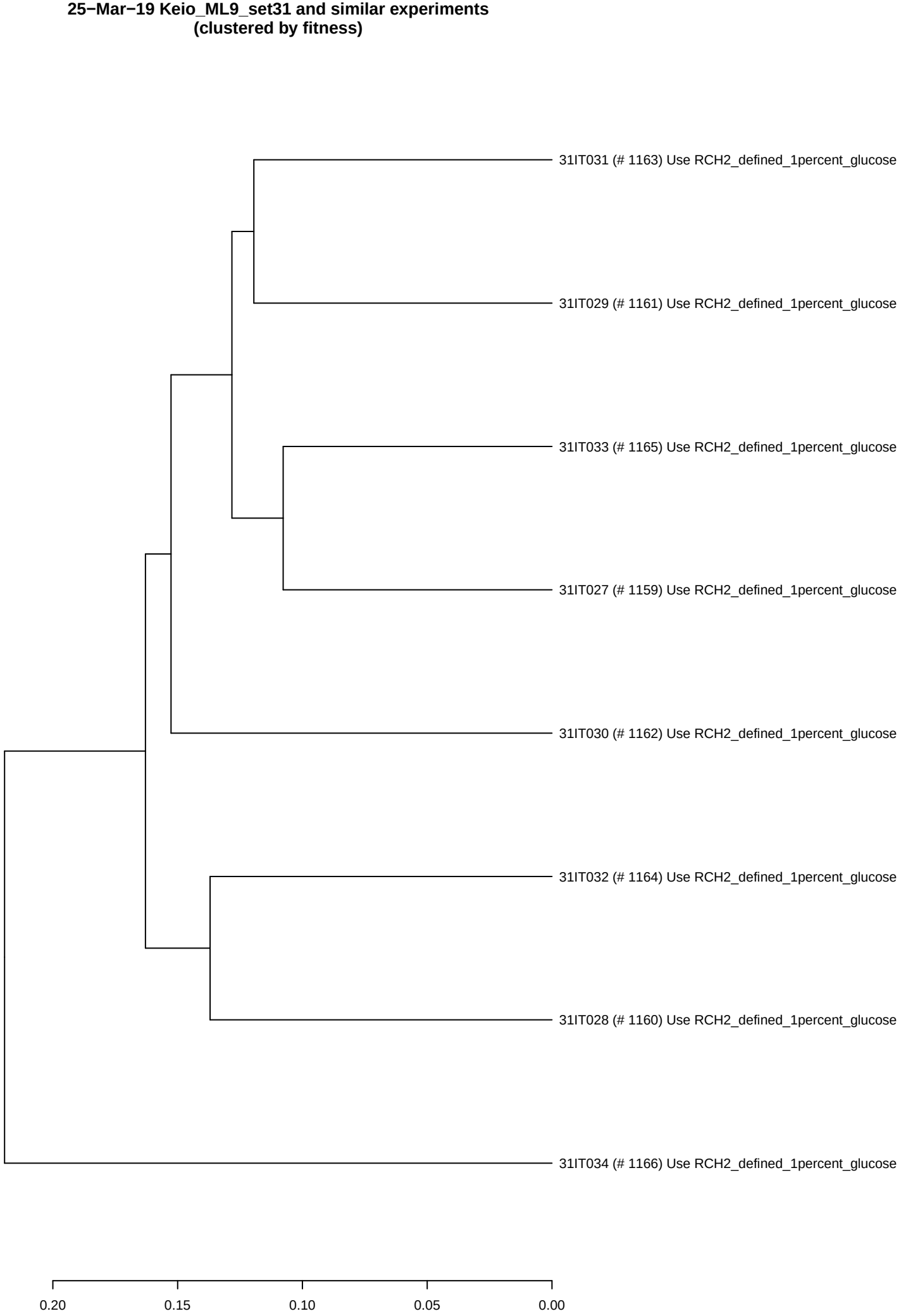

16−Nov−18 Keio_ML9_set28 and similar experiments
(clustered by fitness)
28IT007 (# 1121) Use LB_plus_SM_buffer
28IT004 (# 1118) Use LB_plus_SM_buffer
28IT012 (# 1126) Not LB_plus_SM_buffer with P1_phag
28IT011 (# 1125) Not LB_plus_SM_buffer with P1_phag
61S33 (# 2297) Not Bas54
61S23 (# 2287) Not Bas64
28IT008 (# 1122) Not LB_plus_SM_buffer with P1_phag
28IT006 (# 1120) Not LB_plus_SM_buffer with T7_phag
28IT005 (# 1119) Not LB_plus_SM_buffer with T7_phag
28IT009 (# 1123) Not LB_plus_SM_buffer with P1_phag
28IT010 (# 1124) Not LB_plus_SM_buffer with P1_phag
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

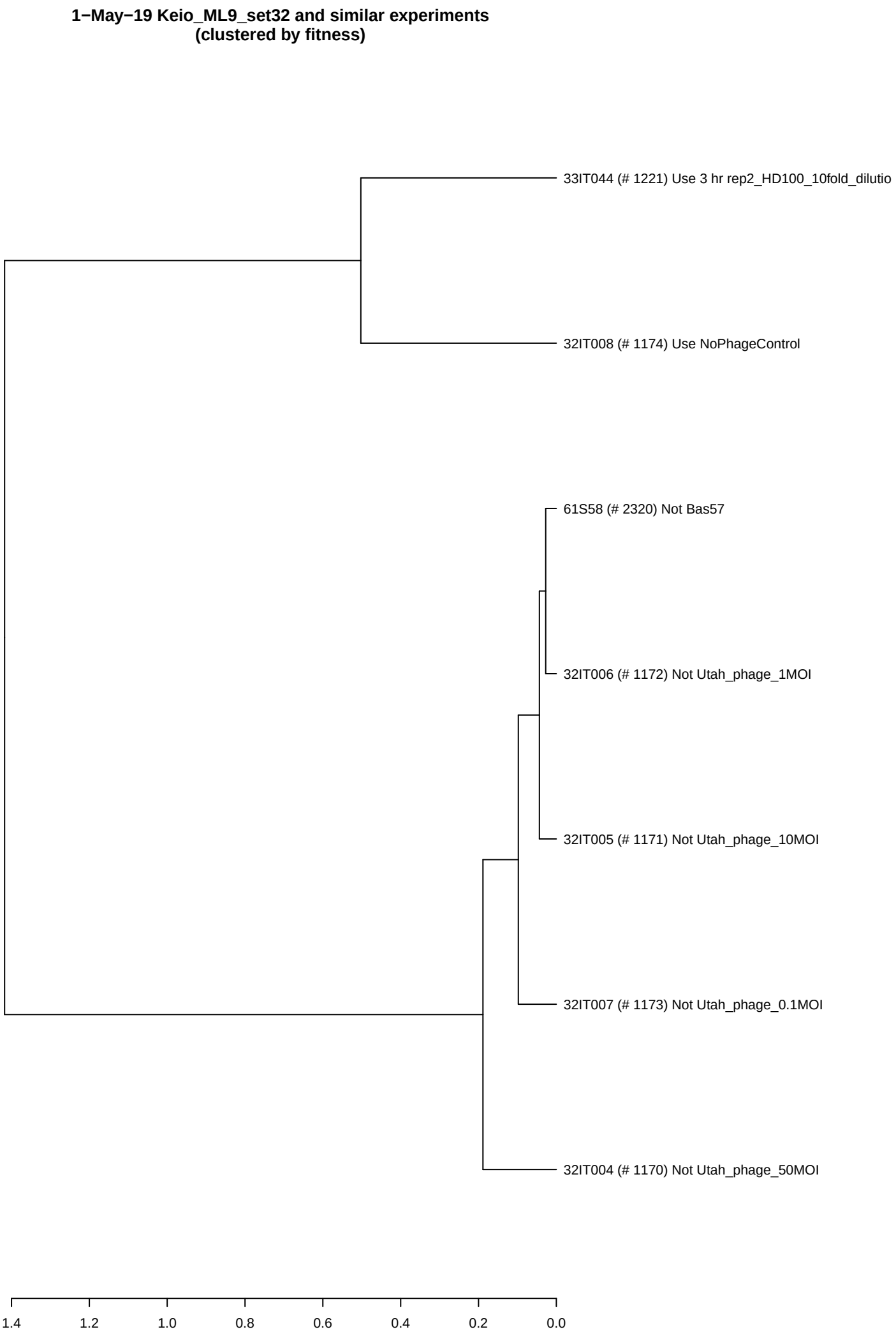
1−Nov−18 Keio_ML9_set29 and similar experiments (clustered by fitness)

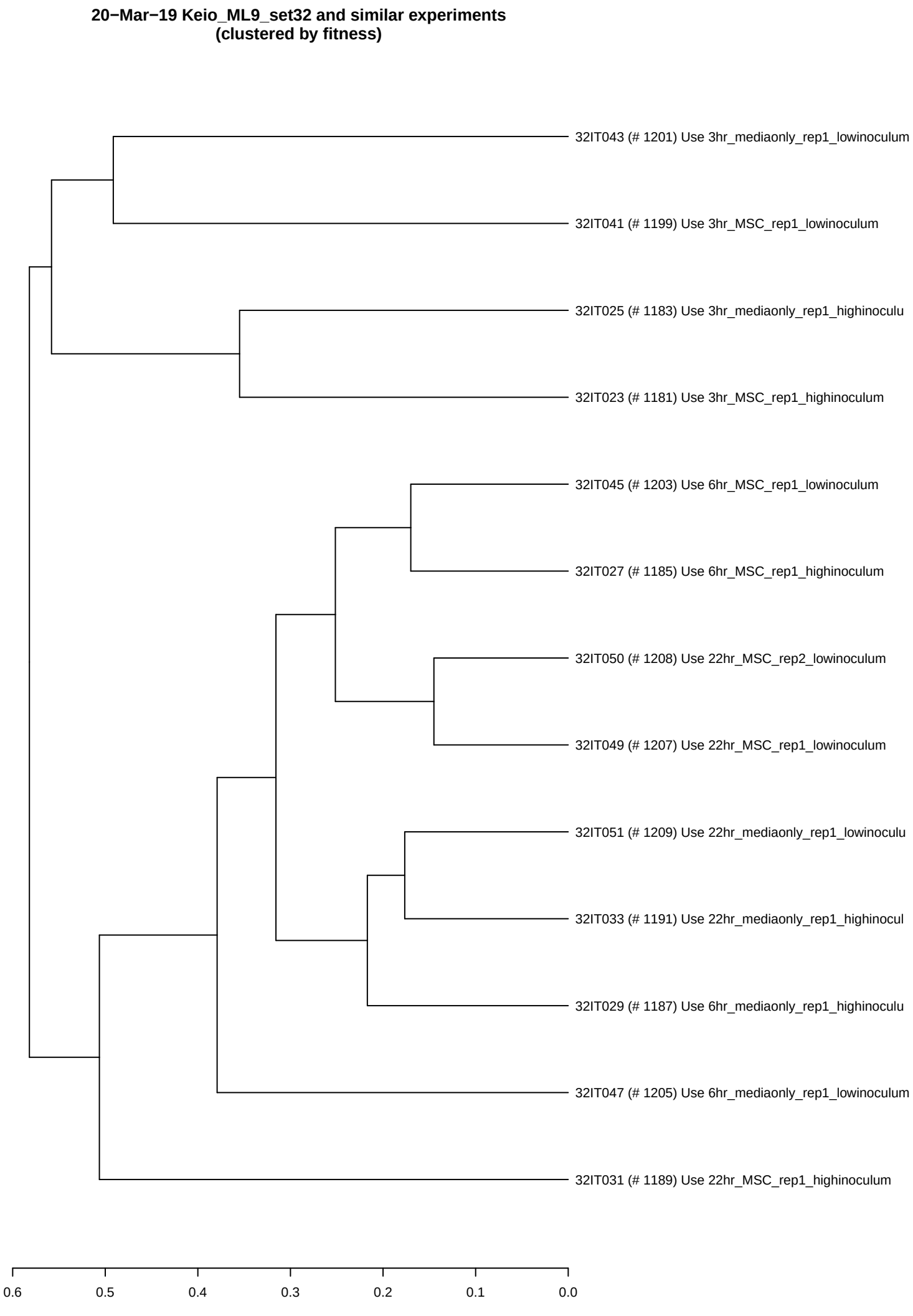

28−Jan−19 Keio_ML9_set30 and similar experiments
(clustered by fitness)
30IT066 (# 1150) Use NoPhageControl
30IT059 (# 1143) Use P2_phage_0.5625_MOI
30IT061 (# 1145) Not CEV1_phage_0.3125_MOI
61S33 (# 2297) Not Bas54
61S7 (# 2271) Not Bas35
30IT058 (# 1142) Not P1_phage_9.375_MOI
66S454 (# 2738) Not TulB
30IT054 (# 1138) Not T4_phage_221.875_MOI
61S88 (# 2350) Not Bas21
30IT055 (# 1139) Not T5_phage_625_MOI
19IT030 (# 918) Not LB_plus_SM_buffer with CEV1_ph
30IT062 (# 1146) Not CEV2_phage_84.375_MOI
66S417 (# 2701) Not K18
30IT056 (# 1140) Not T6_phage_62.5_MOI
30IT057 (# 1141) Not T7_phage_31.25_MOI
61S47 (# 2309) Not Bas69
30IT064 (# 1148) Not N4_phage_1937.5_MOI
30IT060 (# 1144) Not lambda1857_phage_12.5_MOI
30IT063 (# 1147) Not LZ4_phage_4.6875_MOI
30IT065 (# 1149) Not 186_phage_125_MOI
30IT052 (# 1136) Not T2_phage_9.6875_MOI
1.2
1.0
0.8
0.6
0.4
0.2
0.0

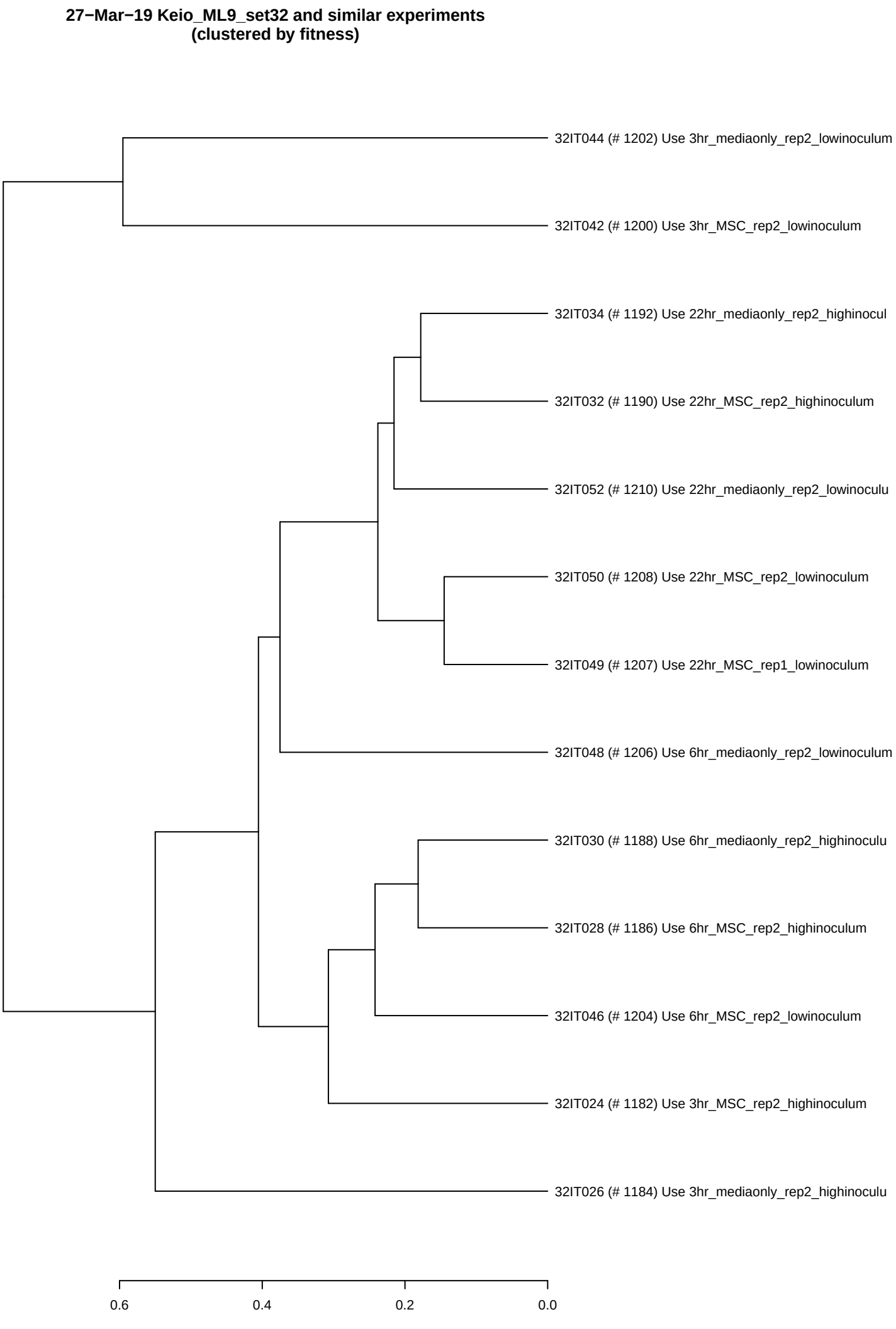
26−Jan−19 Keio_ML9_set30 and similar experiments
(clustered by fitness)

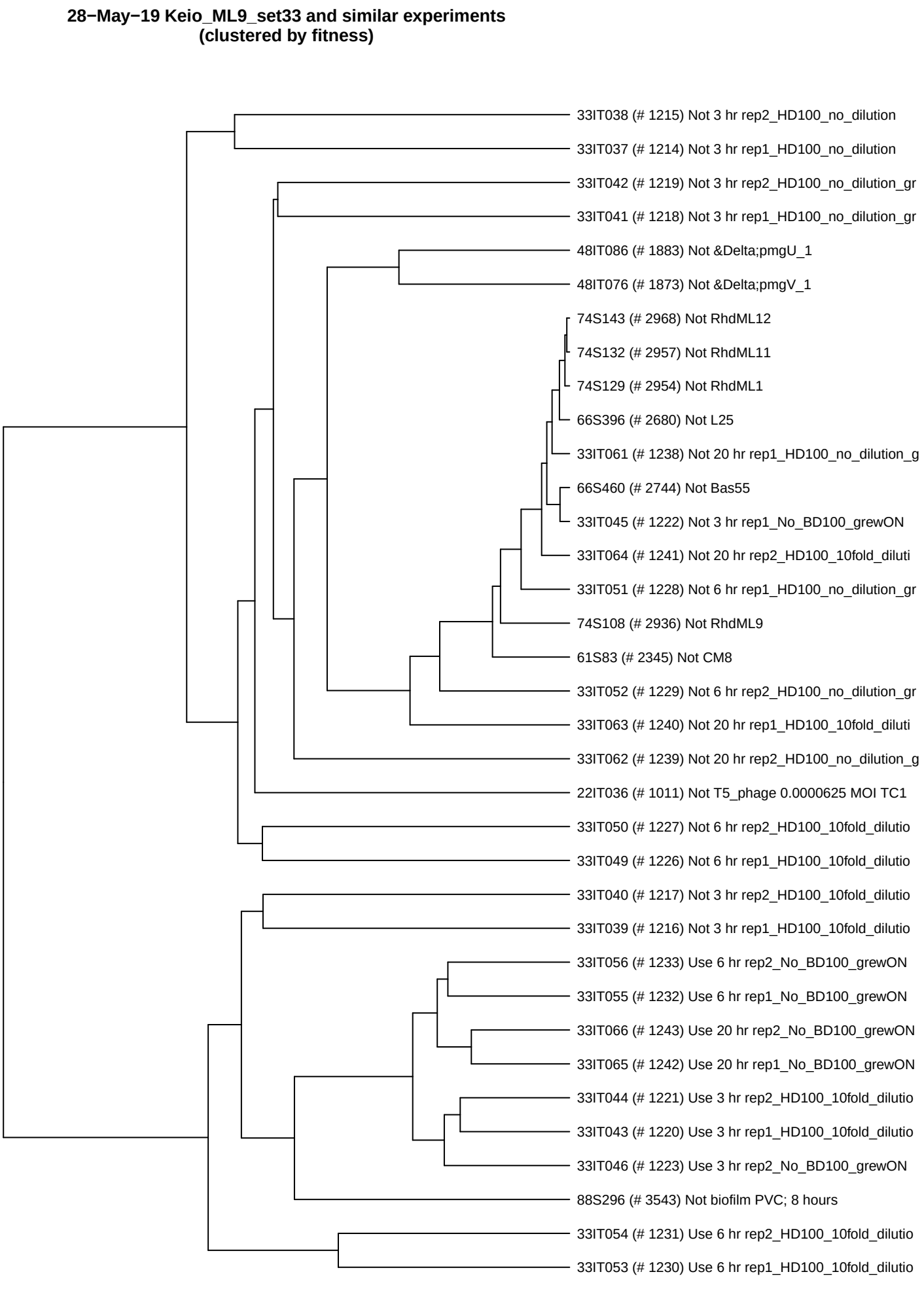


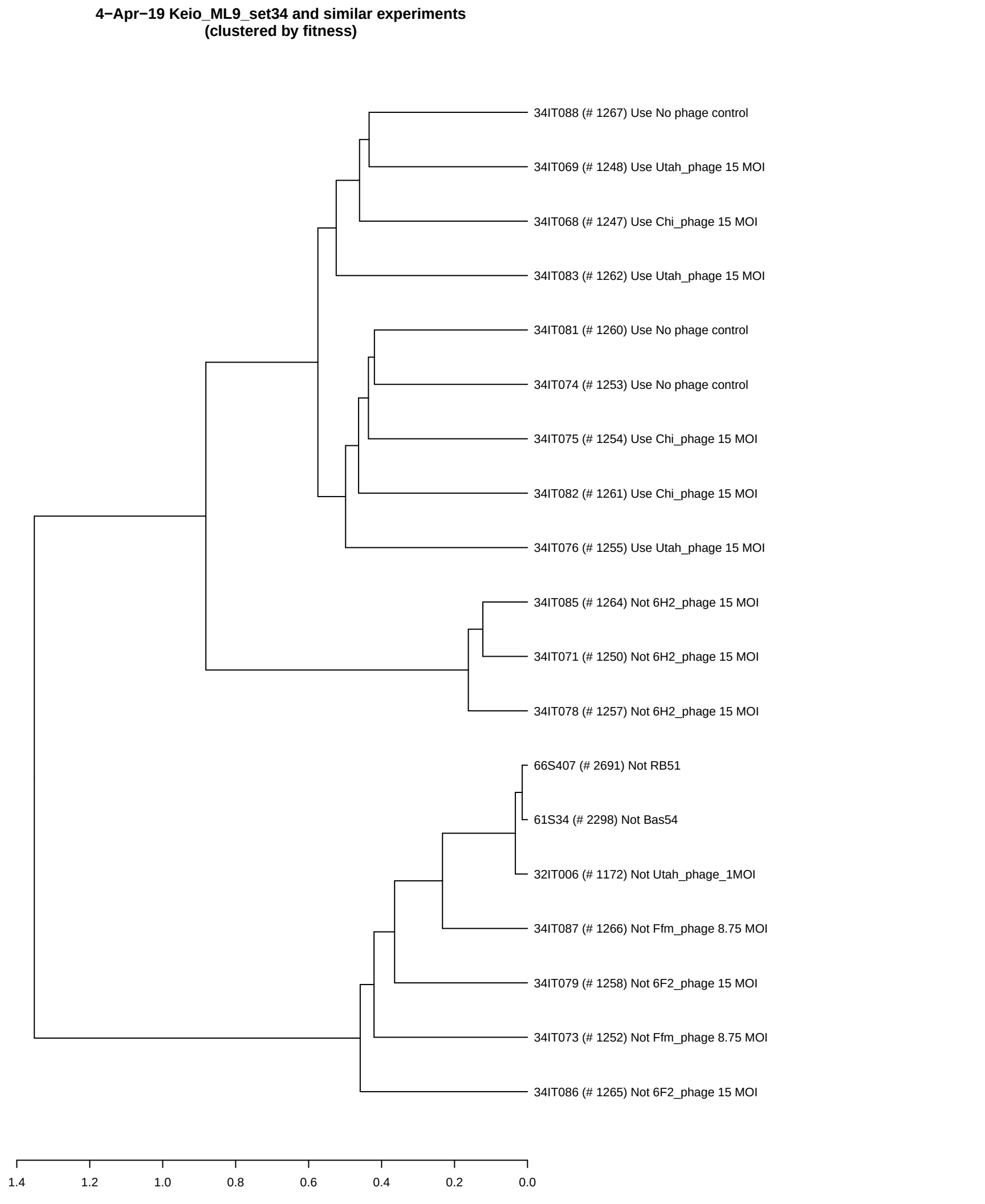

25−Mar−19 Keio_ML9_set31 and similar experiments
(clustered by fitness)
31IT031 (# 1163) Use RCH2_defined_1percent_glucose
31IT029 (# 1161) Use RCH2_defined_1percent_glucose
31IT033 (# 1165) Use RCH2_defined_1percent_glucose
31IT027 (# 1159) Use RCH2_defined_1percent_glucose
31IT030 (# 1162) Use RCH2_defined_1percent_glucose
31IT032 (# 1164) Use RCH2_defined_1percent_glucose
31IT028 (# 1160) Use RCH2_defined_1percent_glucose
31IT034 (# 1166) Use RCH2_defined_1percent_glucose
0.20
0.15
0.10
0.05
0.00

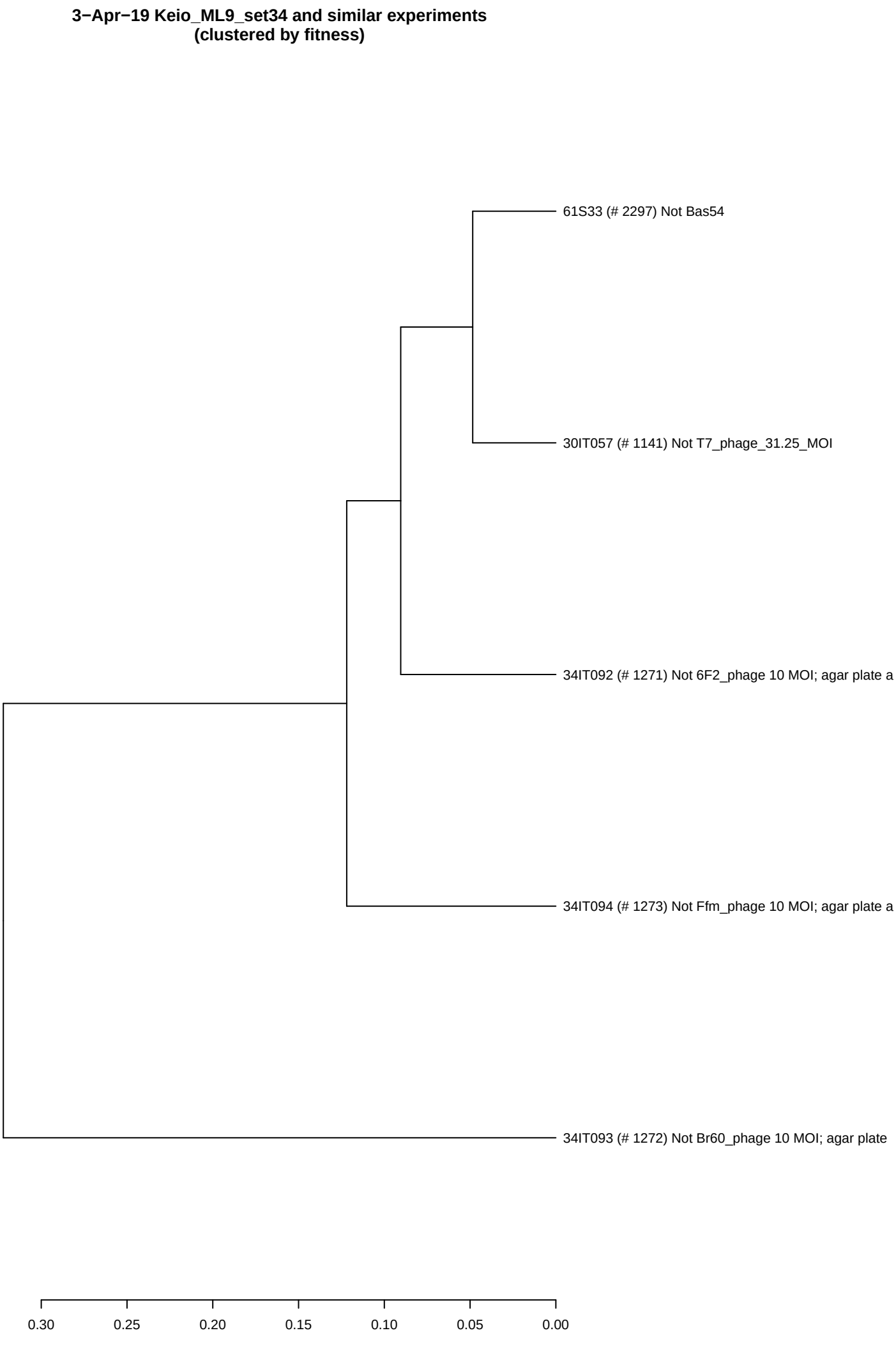

1−May−19 Keio_ML9_set32 and similar experiments
(clustered by fitness)
33IT044 (# 1221) Use 3 hr rep2_HD100_10fold_dilutio
32IT008 (# 1174) Use NoPhageControl
61S58 (# 2320) Not Bas57
32IT006 (# 1172) Not Utah_phage_1MOI
32IT005 (# 1171) Not Utah_phage_10MOI
32IT007 (# 1173) Not Utah_phage_0.1MOI
32IT004 (# 1170) Not Utah_phage_50MOI
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0


20−Mar−19 Keio_ML9_set32 and similar experiments
(clustered by fitness)
32IT043 (# 1201) Use 3hr_mediaonly_rep1_lowinoculum
32IT041 (# 1199) Use 3hr_MSC_rep1_lowinoculum
32IT025 (# 1183) Use 3hr_mediaonly_rep1_highinoculu
32IT023 (# 1181) Use 3hr_MSC_rep1_highinoculum
32IT045 (# 1203) Use 6hr_MSC_rep1_lowinoculum
32IT027 (# 1185) Use 6hr_MSC_rep1_highinoculum
32IT050 (# 1208) Use 22hr_MSC_rep2_lowinoculum
32IT049 (# 1207) Use 22hr_MSC_rep1_lowinoculum
32IT051 (# 1209) Use 22hr_mediaonly_rep1_lowinoculu
32IT033 (# 1191) Use 22hr_mediaonly_rep1_highinocul
32IT029 (# 1187) Use 6hr_mediaonly_rep1_highinoculu
32IT047 (# 1205) Use 6hr_mediaonly_rep1_lowinoculum
32IT031 (# 1189) Use 22hr_MSC_rep1_highinoculum
0.6
0.5
0.4
0.3
0.2
0.1
0.0

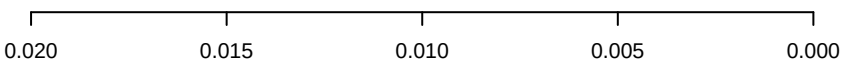

27−Mar−19 Keio_ML9_set32 and similar experiments
(clustered by fitness)
32IT044 (# 1202) Use 3hr_mediaonly_rep2_lowinoculum
32IT042 (# 1200) Use 3hr_MSC_rep2_lowinoculum
32IT034 (# 1192) Use 22hr_mediaonly_rep2_highinocul
32IT032 (# 1190) Use 22hr_MSC_rep2_highinoculum
32IT052 (# 1210) Use 22hr_mediaonly_rep2_lowinoculu
32IT050 (# 1208) Use 22hr_MSC_rep2_lowinoculum
32IT049 (# 1207) Use 22hr_MSC_rep1_lowinoculum
32IT048 (# 1206) Use 6hr_mediaonly_rep2_lowinoculum
32IT030 (# 1188) Use 6hr_mediaonly_rep2_highinoculu
32IT028 (# 1186) Use 6hr_MSC_rep2_highinoculum
32IT046 (# 1204) Use 6hr_MSC_rep2_lowinoculum
32IT024 (# 1182) Use 3hr_MSC_rep2_highinoculum
32IT026 (# 1184) Use 3hr_mediaonly_rep2_highinoculu
0.6
0.4
0.2
0.0

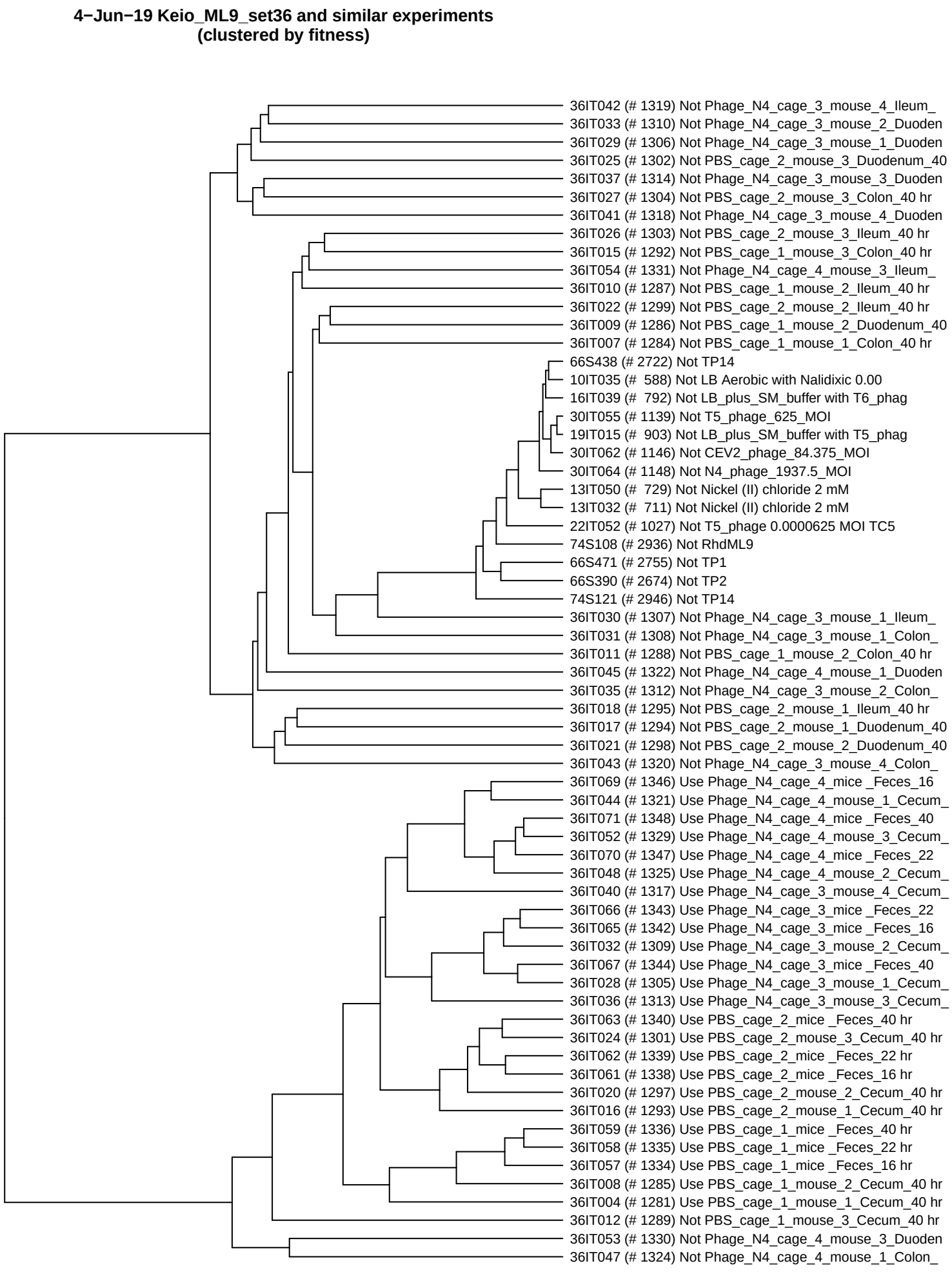

28−May−19 Keio_ML9_set33 and similar experiments
(clustered by fitness)
33IT038 (# 1215) Not 3 hr rep2_HD100_no_dilution
33IT037 (# 1214) Not 3 hr rep1_HD100_no_dilution
33IT042 (# 1219) Not 3 hr rep2_HD100_no_dilution_gr
33IT041 (# 1218) Not 3 hr rep1_HD100_no_dilution_gr
48IT086 (# 1883) Not ΔpmgU_1
48IT076 (# 1873) Not ΔpmgV_1
74S143 (# 2968) Not RhdML12
74S132 (# 2957) Not RhdML11
74S129 (# 2954) Not RhdML1
66S396 (# 2680) Not L25
33IT061 (# 1238) Not 20 hr rep1_HD100_no_dilution_g
66S460 (# 2744) Not Bas55
33IT045 (# 1222) Not 3 hr rep1_No_BD100_grewON
33IT064 (# 1241) Not 20 hr rep2_HD100_10fold_diluti
33IT051 (# 1228) Not 6 hr rep1_HD100_no_dilution_gr
74S108 (# 2936) Not RhdML9
61S83 (# 2345) Not CM8
33IT052 (# 1229) Not 6 hr rep2_HD100_no_dilution_gr
33IT063 (# 1240) Not 20 hr rep1_HD100_10fold_diluti
33IT062 (# 1239) Not 20 hr rep2_HD100_no_dilution_g
22IT036 (# 1011) Not T5_phage 0.0000625 MOI TC1
33IT050 (# 1227) Not 6 hr rep2_HD100_10fold_dilutio
33IT049 (# 1226) Not 6 hr rep1_HD100_10fold_dilutio
33IT040 (# 1217) Not 3 hr rep2_HD100_10fold_dilutio
33IT039 (# 1216) Not 3 hr rep1_HD100_10fold_dilutio
33IT056 (# 1233) Use 6 hr rep2_No_BD100_grewON
33IT055 (# 1232) Use 6 hr rep1_No_BD100_grewON
33IT066 (# 1243) Use 20 hr rep2_No_BD100_grewON
33IT065 (# 1242) Use 20 hr rep1_No_BD100_grewON
33IT044 (# 1221) Use 3 hr rep2_HD100_10fold_dilutio
33IT043 (# 1220) Use 3 hr rep1_HD100_10fold_dilutio
33IT046 (# 1223) Use 3 hr rep2_No_BD100_grewON
88S296 (# 3543) Not biofilm PVC; 8 hours
33IT054 (# 1231) Use 6 hr rep2_HD100_10fold_dilutio
33IT053 (# 1230) Use 6 hr rep1_HD100_10fold_dilutio
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

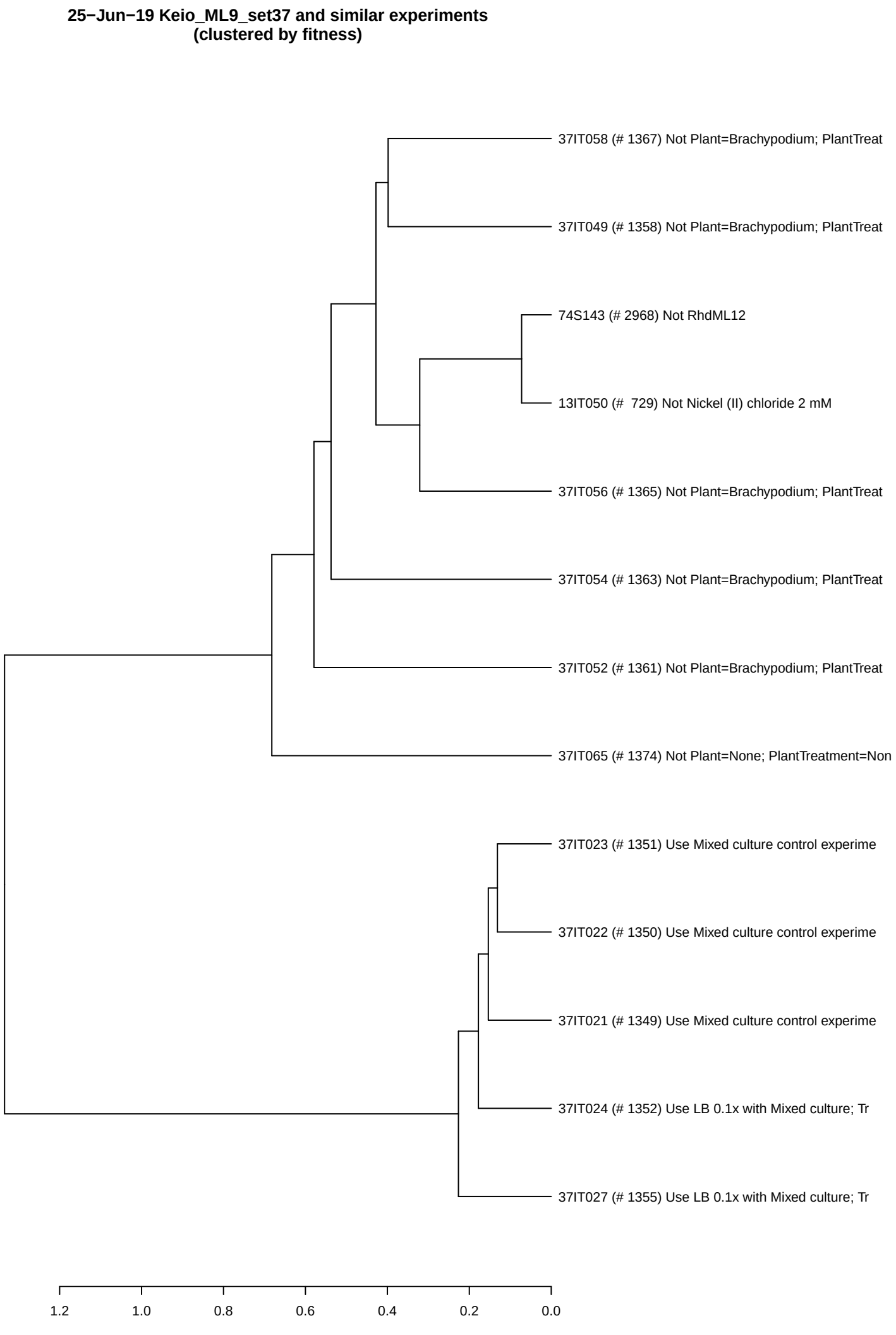

4−Apr−19 Keio_ML9_set34 and similar experiments
(clustered by fitness)
34IT088 (# 1267) Use No phage control
34IT069 (# 1248) Use Utah_phage 15 MOI
34IT068 (# 1247) Use Chi_phage 15 MOI
34IT083 (# 1262) Use Utah_phage 15 MOI
34IT081 (# 1260) Use No phage control
34IT074 (# 1253) Use No phage control
34IT075 (# 1254) Use Chi_phage 15 MOI
34IT082 (# 1261) Use Chi_phage 15 MOI
34IT076 (# 1255) Use Utah_phage 15 MOI
34IT085 (# 1264) Not 6H2_phage 15 MOI
34IT071 (# 1250) Not 6H2_phage 15 MOI
34IT078 (# 1257) Not 6H2_phage 15 MOI
66S407 (# 2691) Not RB51
61S34 (# 2298) Not Bas54
32IT006 (# 1172) Not Utah_phage_1MOI
34IT087 (# 1266) Not Ffm_phage 8.75 MOI
34IT079 (# 1258) Not 6F2_phage 15 MOI
34IT073 (# 1252) Not Ffm_phage 8.75 MOI
34IT086 (# 1265) Not 6F2_phage 15 MOI
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

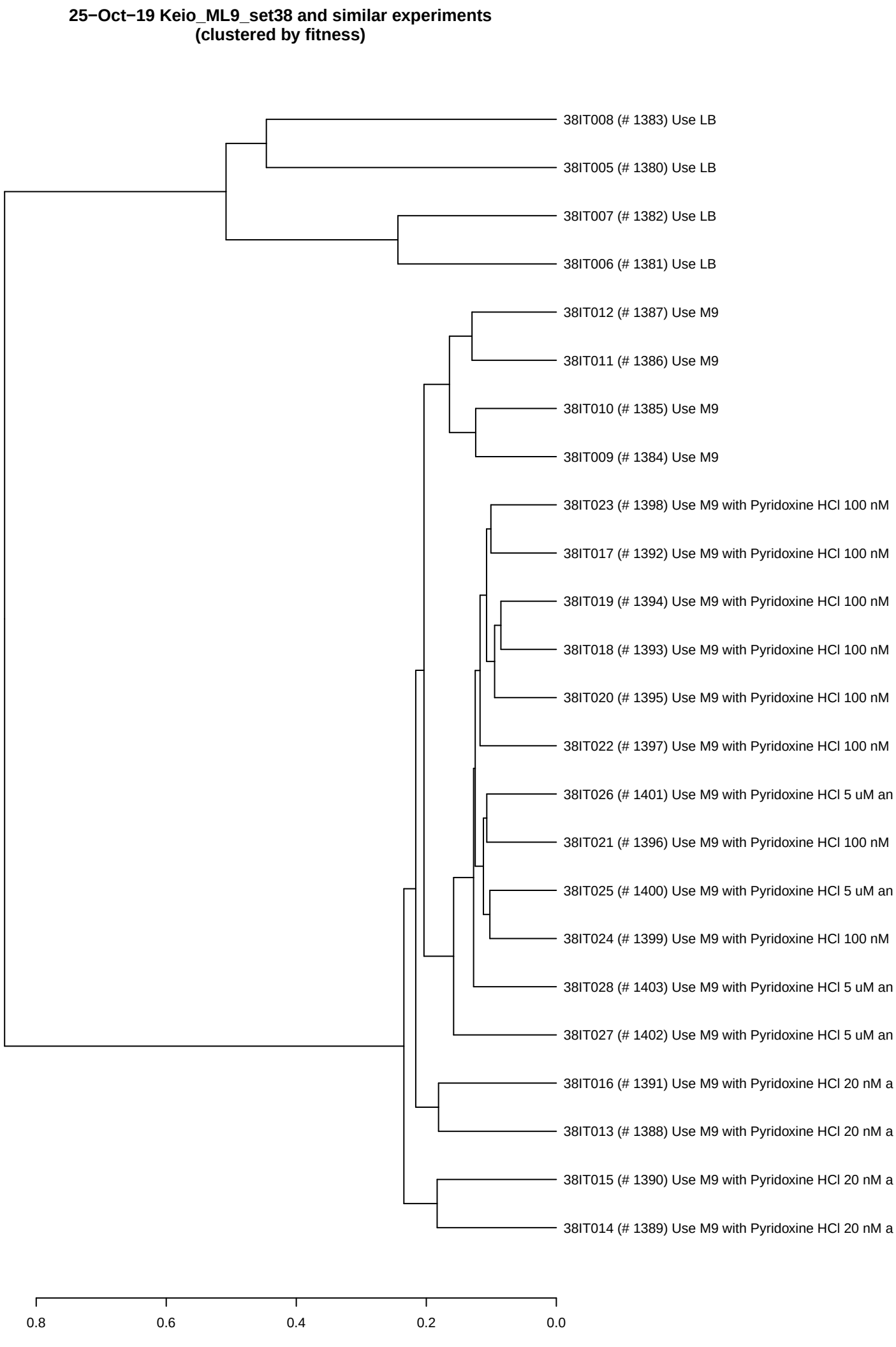

3−Apr−19 Keio_ML9_set34 and similar experiments
(clustered by fitness)
61S33 (# 2297) Not Bas54
30IT057 (# 1141) Not T7_phage_31.25_MOI
34IT092 (# 1271) Not 6F2_phage 10 MOI; agar plate a
34IT094 (# 1273) Not Ffm_phage 10 MOI; agar plate a
34IT093 (# 1272) Not Br60_phage 10 MOI; agar plate
0.30
0.25
0.20
0.15
0.10
0.05
0.00

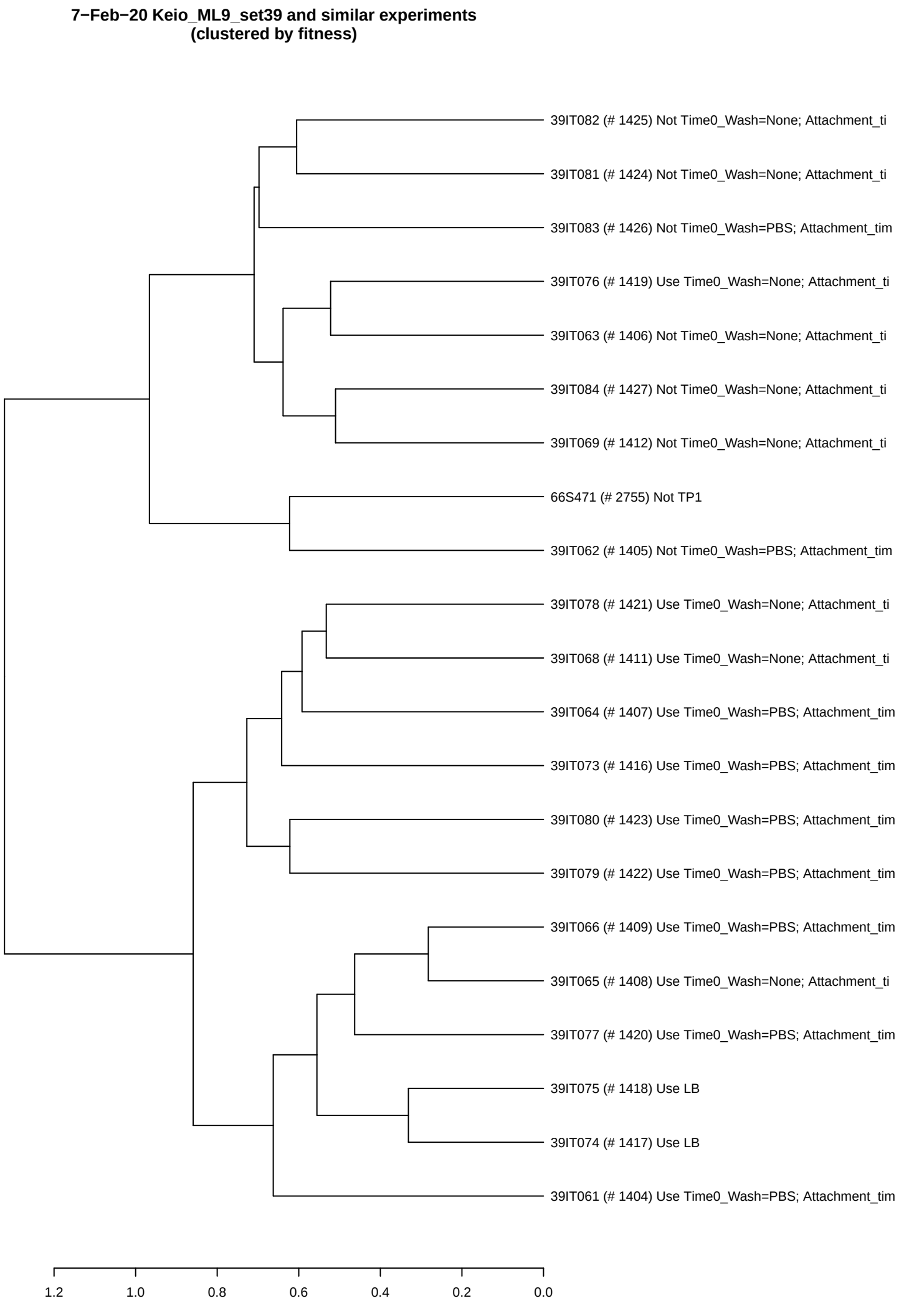
14−Mar−19 Keio_ML9_set35 and similar experiments (clustered by fitness)

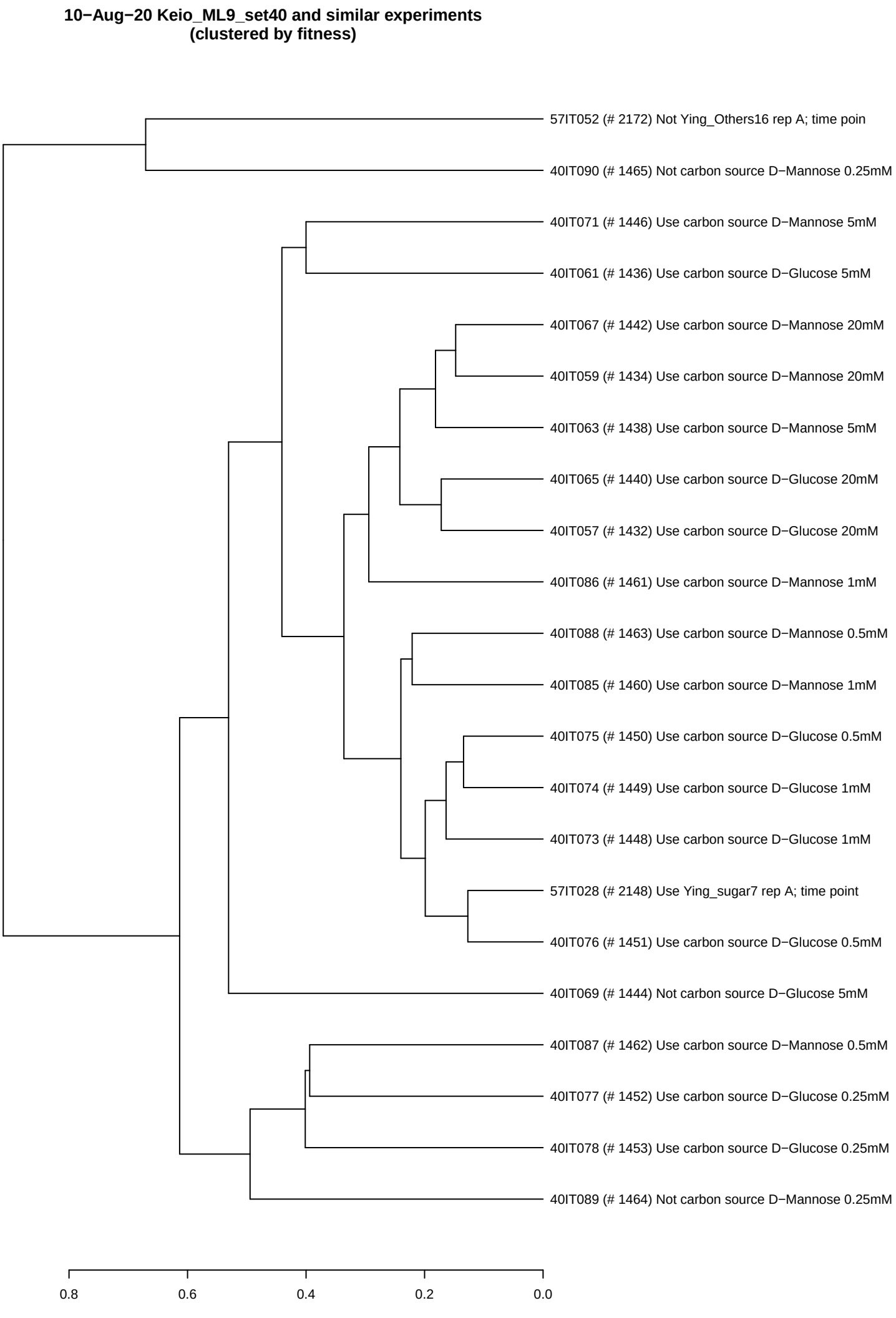


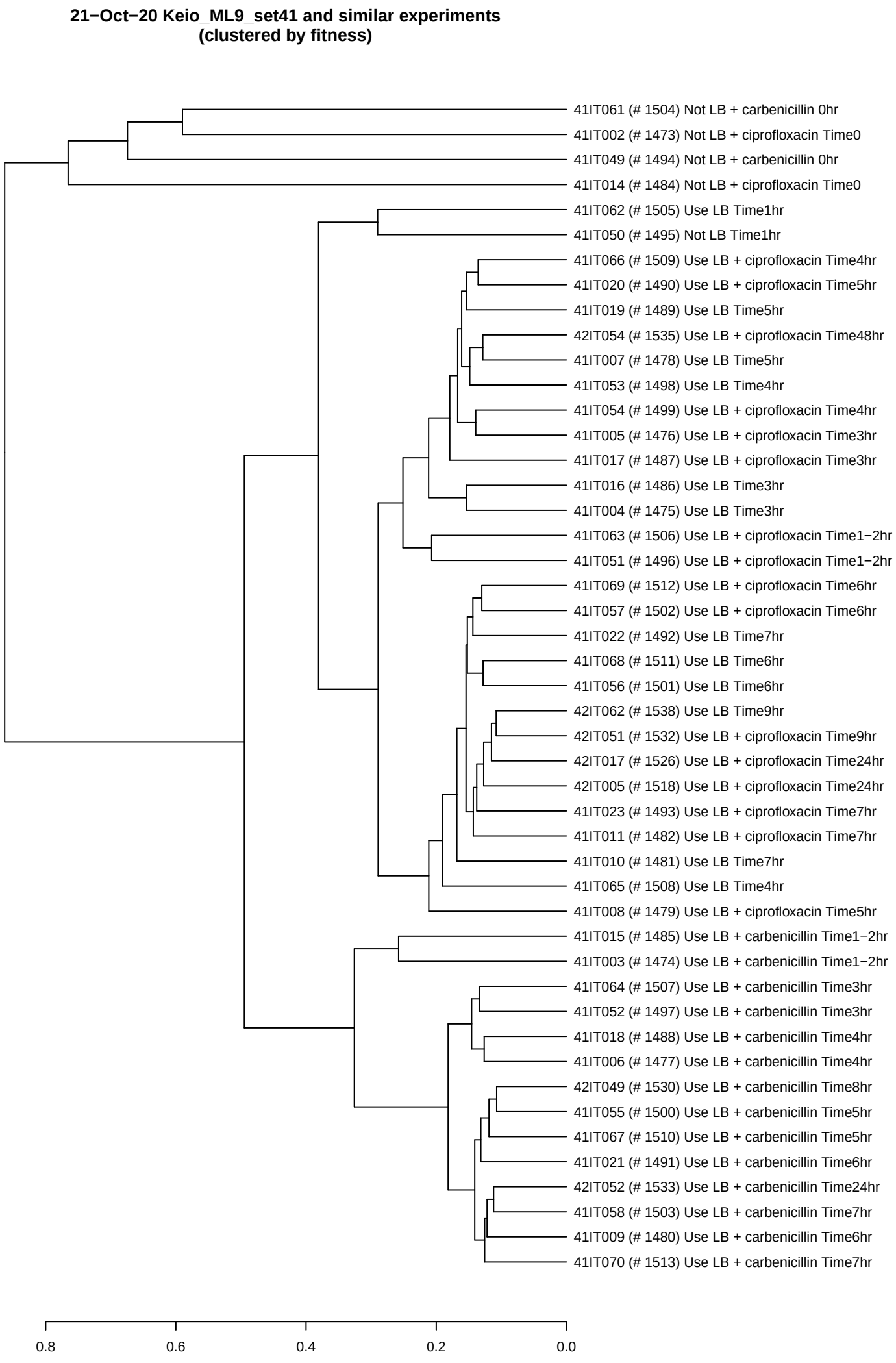

4−Jun−19 Keio_ML9_set36 and similar experiments
(clustered by fitness)
36IT042 (# 1319) Not Phage_N4_cage_3_mouse_4_Ileum_
36IT033 (# 1310) Not Phage_N4_cage_3_mouse_2_Duoden
36IT029 (# 1306) Not Phage_N4_cage_3_mouse_1_Duoden
36IT025 (# 1302) Not PBS_cage_2_mouse_3_Duodenum_40
36IT037 (# 1314) Not Phage_N4_cage_3_mouse_3_Duoden
36IT027 (# 1304) Not PBS_cage_2_mouse_3_Colon_40 hr
36IT041 (# 1318) Not Phage_N4_cage_3_mouse_4_Duoden
36IT026 (# 1303) Not PBS_cage_2_mouse_3_Ileum_40 hr
36IT015 (# 1292) Not PBS_cage_1_mouse_3_Colon_40 hr
36IT054 (# 1331) Not Phage_N4_cage_4_mouse_3_Ileum_
36IT010 (# 1287) Not PBS_cage_1_mouse_2_Ileum_40 hr
36IT022 (# 1299) Not PBS_cage_2_mouse_2_Ileum_40 hr
36IT009 (# 1286) Not PBS_cage_1_mouse_2_Duodenum_40
36IT007 (# 1284) Not PBS_cage_1_mouse_1_Colon_40 hr
66S438 (# 2722) Not TP14
10IT035 (# 588) Not LB Aerobic with Nalidixic 0.00
16IT039 (# 792) Not LB_plus_SM_buffer with T6_phag
30IT055 (# 1139) Not T5_phage_625_MOI
19IT015 (# 903) Not LB_plus_SM_buffer with T5_phag
30IT062 (# 1146) Not CEV2_phage_84.375_MOI
30IT064 (# 1148) Not N4_phage_1937.5_MOI
13IT050 (# 729) Not Nickel (II) chloride 2 mM
13IT032 (# 711) Not Nickel (II) chloride 2 mM
22IT052 (# 1027) Not T5_phage 0.0000625 MOI TC5
74S108 (# 2936) Not RhdML9
66S471 (# 2755) Not TP1
66S390 (# 2674) Not TP2
74S121 (# 2946) Not TP14
36IT030 (# 1307) Not Phage_N4_cage_3_mouse_1_Ileum_
36IT031 (# 1308) Not Phage_N4_cage_3_mouse_1_Colon_
36IT011 (# 1288) Not PBS_cage_1_mouse_2_Colon_40 hr
36IT045 (# 1322) Not Phage_N4_cage_4_mouse_1_Duoden
36IT035 (# 1312) Not Phage_N4_cage_3_mouse_2_Colon_
36IT018 (# 1295) Not PBS_cage_2_mouse_1_Ileum_40 hr
36IT017 (# 1294) Not PBS_cage_2_mouse_1_Duodenum_40
36IT021 (# 1298) Not PBS_cage_2_mouse_2_Duodenum_40
36IT043 (# 1320) Not Phage_N4_cage_3_mouse_4_Colon_
36IT069 (# 1346) Use Phage_N4_cage_4_mice _Feces_16
36IT044 (# 1321) Use Phage_N4_cage_4_mouse_1_Cecum_
36IT071 (# 1348) Use Phage_N4_cage_4_mice _Feces_40
36IT052 (# 1329) Use Phage_N4_cage_4_mouse_3_Cecum_
36IT070 (# 1347) Use Phage_N4_cage_4_mice _Feces_22
36IT048 (# 1325) Use Phage_N4_cage_4_mouse_2_Cecum_
36IT040 (# 1317) Use Phage_N4_cage_3_mouse_4_Cecum_
36IT066 (# 1343) Use Phage_N4_cage_3_mice _Feces_22
36IT065 (# 1342) Use Phage_N4_cage_3_mice _Feces_16
36IT032 (# 1309) Use Phage_N4_cage_3_mouse_2_Cecum_
36IT067 (# 1344) Use Phage_N4_cage_3_mice _Feces_40
36IT028 (# 1305) Use Phage_N4_cage_3_mouse_1_Cecum_
36IT036 (# 1313) Use Phage_N4_cage_3_mouse_3_Cecum_
36IT063 (# 1340) Use PBS_cage_2_mice _Feces_40 hr
36IT024 (# 1301) Use PBS_cage_2_mouse_3_Cecum_40 hr
36IT062 (# 1339) Use PBS_cage_2_mice _Feces_22 hr
36IT061 (# 1338) Use PBS_cage_2_mice _Feces_16 hr
36IT020 (# 1297) Use PBS_cage_2_mouse_2_Cecum_40 hr
36IT016 (# 1293) Use PBS_cage_2_mouse_1_Cecum_40 hr
36IT059 (# 1336) Use PBS_cage_1_mice _Feces_40 hr
36IT058 (# 1335) Use PBS_cage_1_mice _Feces_22 hr
36IT057 (# 1334) Use PBS_cage_1_mice _Feces_16 hr
36IT008 (# 1285) Use PBS_cage_1_mouse_2_Cecum_40 hr
36IT004 (# 1281) Use PBS_cage_1_mouse_1_Cecum_40 hr
36IT012 (# 1289) Not PBS_cage_1_mouse_3_Cecum_40 hr
36IT053 (# 1330) Not Phage_N4_cage_4_mouse_3_Duoden
36IT047 (# 1324) Not Phage_N4_cage_4_mouse_1_Colon_
1.2
1.0
0.8
0.6
0.4
0.2
0.0

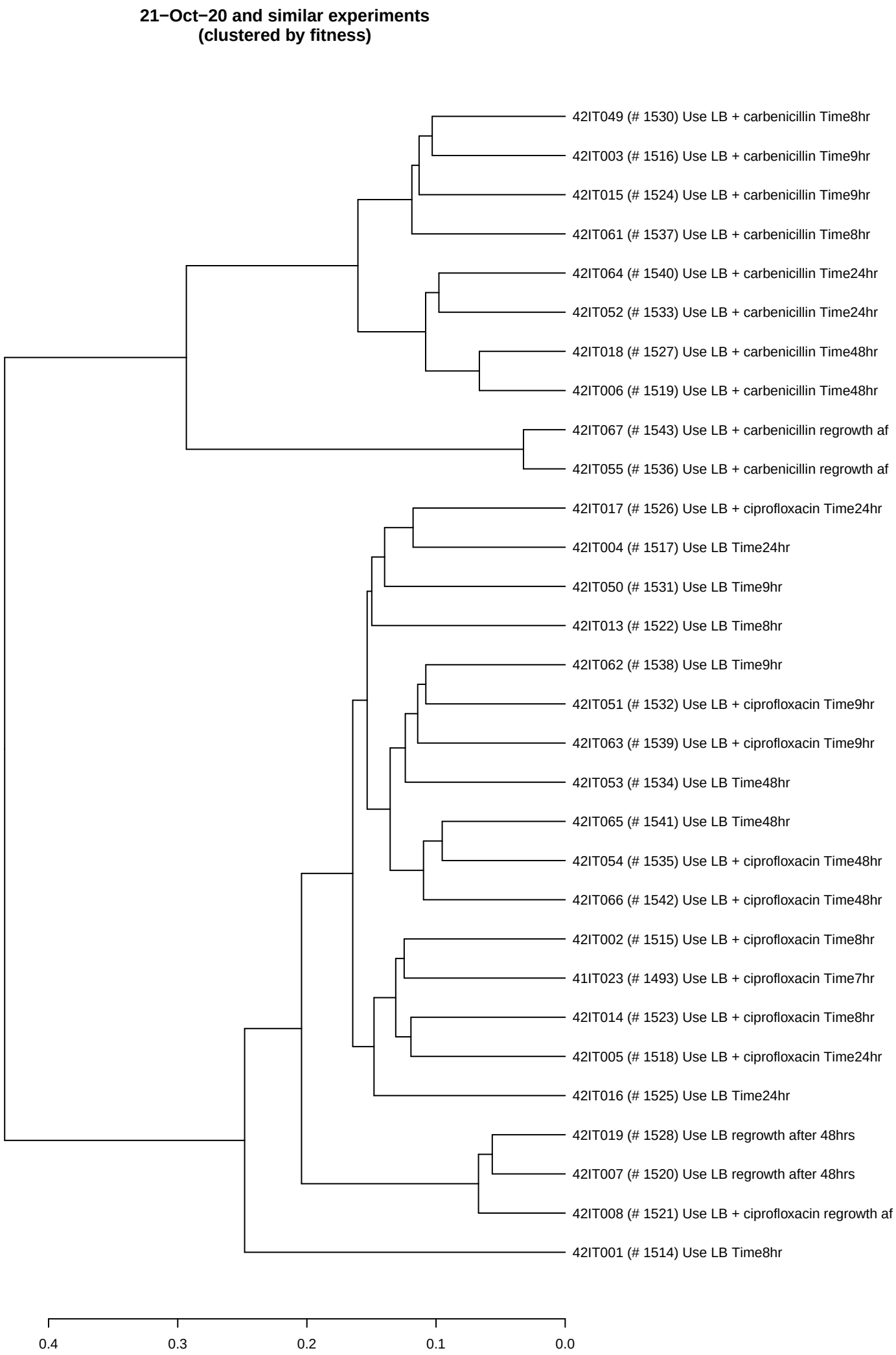

25−Jun−19 Keio_ML9_set37 and similar experiments
(clustered by fitness)
37IT058 (# 1367) Not Plant=Brachypodium; PlantTreat
37IT049 (# 1358) Not Plant=Brachypodium; PlantTreat
74S143 (# 2968) Not RhdML12
13IT050 (# 729) Not Nickel (II) chloride 2 mM
37IT056 (# 1365) Not Plant=Brachypodium; PlantTreat
37IT054 (# 1363) Not Plant=Brachypodium; PlantTreat
37IT052 (# 1361) Not Plant=Brachypodium; PlantTreat
37IT065 (# 1374) Not Plant=None; PlantTreatment=Non
37IT023 (# 1351) Use Mixed culture control experime
37IT022 (# 1350) Use Mixed culture control experime
37IT021 (# 1349) Use Mixed culture control experime
37IT024 (# 1352) Use LB 0.1x with Mixed culture; Tr
37IT027 (# 1355) Use LB 0.1x with Mixed culture; Tr
1.2
1.0
0.8
0.6
0.4
0.2
0.0

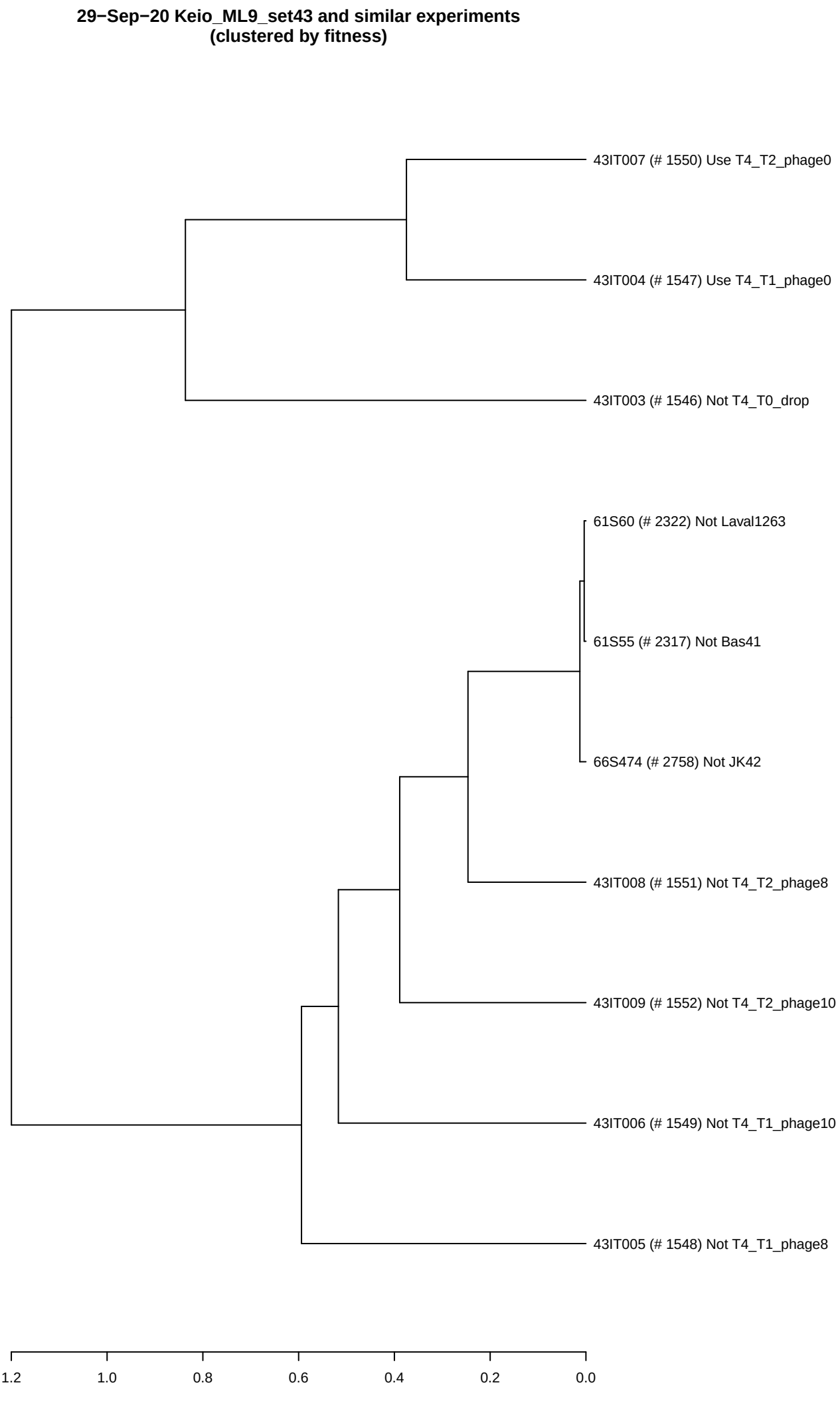

25−Oct−19 Keio_ML9_set38 and similar experiments
(clustered by fitness)
38IT008 (# 1383) Use LB
38IT005 (# 1380) Use LB
38IT007 (# 1382) Use LB
38IT006 (# 1381) Use LB
38IT012 (# 1387) Use M9
38IT011 (# 1386) Use M9
38IT010 (# 1385) Use M9
38IT009 (# 1384) Use M9
38IT023 (# 1398) Use M9 with Pyridoxine HCl 100 nM
38IT017 (# 1392) Use M9 with Pyridoxine HCl 100 nM
38IT019 (# 1394) Use M9 with Pyridoxine HCl 100 nM
38IT018 (# 1393) Use M9 with Pyridoxine HCl 100 nM
38IT020 (# 1395) Use M9 with Pyridoxine HCl 100 nM
38IT022 (# 1397) Use M9 with Pyridoxine HCl 100 nM
38IT026 (# 1401) Use M9 with Pyridoxine HCl 5 uM an
38IT021 (# 1396) Use M9 with Pyridoxine HCl 100 nM
38IT025 (# 1400) Use M9 with Pyridoxine HCl 5 uM an
38IT024 (# 1399) Use M9 with Pyridoxine HCl 100 nM
38IT028 (# 1403) Use M9 with Pyridoxine HCl 5 uM an
38IT027 (# 1402) Use M9 with Pyridoxine HCl 5 uM an
38IT016 (# 1391) Use M9 with Pyridoxine HCl 20 nM a
38IT013 (# 1388) Use M9 with Pyridoxine HCl 20 nM a
38IT015 (# 1390) Use M9 with Pyridoxine HCl 20 nM a
38IT014 (# 1389) Use M9 with Pyridoxine HCl 20 nM a
0.8
0.6
0.4
0.2
0.0

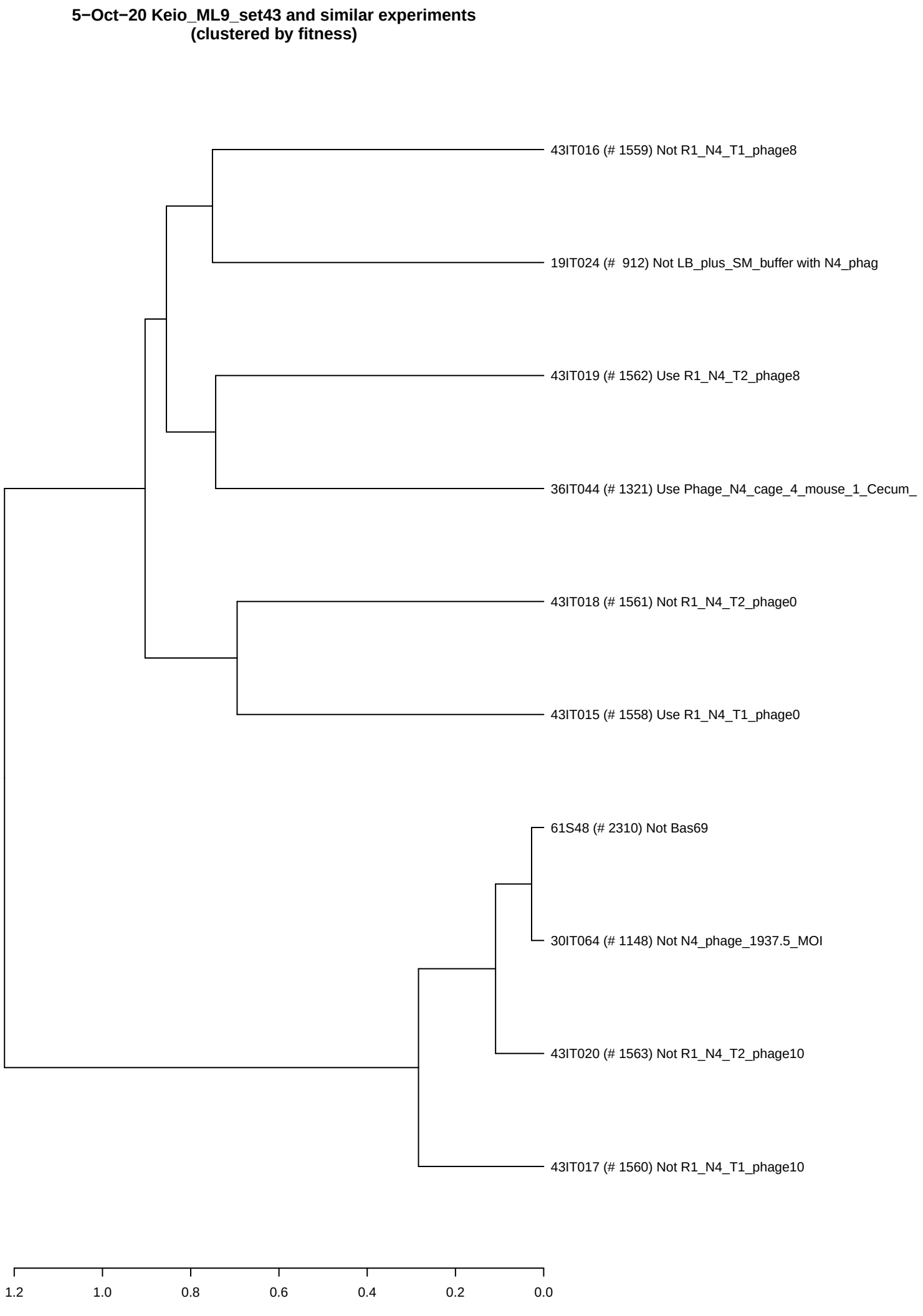

7−Feb−20 Keio_ML9_set39 and similar experiments
(clustered by fitness)
39IT082 (# 1425) Not Time0_Wash=None; Attachment_ti
39IT081 (# 1424) Not Time0_Wash=None; Attachment_ti
39IT083 (# 1426) Not Time0_Wash=PBS; Attachment_tim
39IT076 (# 1419) Use Time0_Wash=None; Attachment_ti
39IT063 (# 1406) Not Time0_Wash=None; Attachment_ti
39IT084 (# 1427) Not Time0_Wash=None; Attachment_ti
39IT069 (# 1412) Not Time0_Wash=None; Attachment_ti
66S471 (# 2755) Not TP1
39IT062 (# 1405) Not Time0_Wash=PBS; Attachment_tim
39IT078 (# 1421) Use Time0_Wash=None; Attachment_ti
39IT068 (# 1411) Use Time0_Wash=None; Attachment_ti
39IT064 (# 1407) Use Time0_Wash=PBS; Attachment_tim
39IT073 (# 1416) Use Time0_Wash=PBS; Attachment_tim
39IT080 (# 1423) Use Time0_Wash=PBS; Attachment_tim
39IT079 (# 1422) Use Time0_Wash=PBS; Attachment_tim
39IT066 (# 1409) Use Time0_Wash=PBS; Attachment_tim
39IT065 (# 1408) Use Time0_Wash=None; Attachment_ti
39IT077 (# 1420) Use Time0_Wash=PBS; Attachment_tim
39IT075 (# 1418) Use LB
39IT074 (# 1417) Use LB
39IT061 (# 1404) Use Time0_Wash=PBS; Attachment_tim
1.2
1.0
0.8
0.6
0.4
0.2
0.0

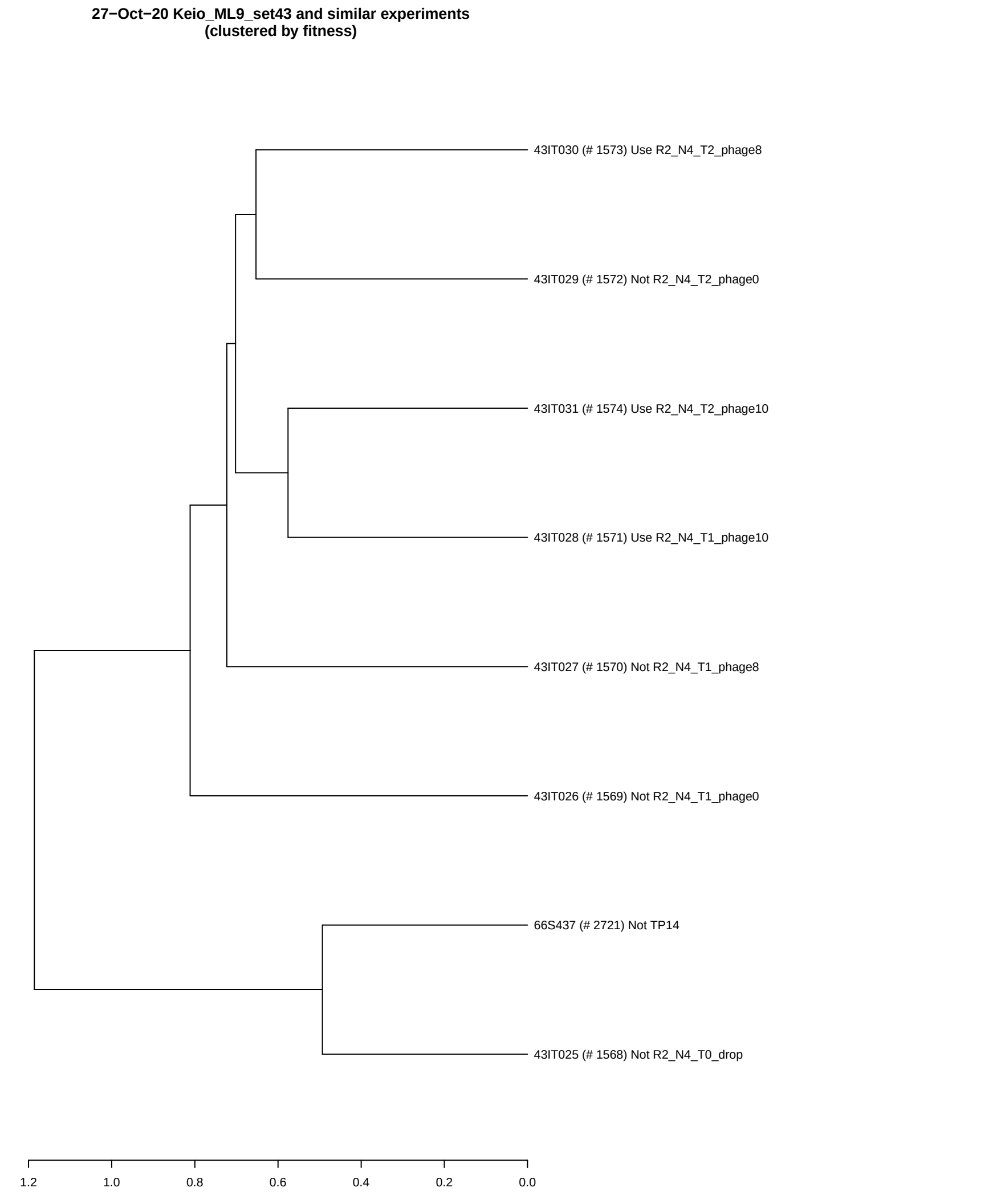

10−Aug−20 Keio_ML9_set40 and similar experiments
(clustered by fitness)
57IT052 (# 2172) Not Ying_Others16 rep A; time poin
40IT090 (# 1465) Not carbon source D−Mannose 0.25mM
40IT071 (# 1446) Use carbon source D−Mannose 5mM
40IT061 (# 1436) Use carbon source D−Glucose 5mM
40IT067 (# 1442) Use carbon source D−Mannose 20mM
40IT059 (# 1434) Use carbon source D−Mannose 20mM
40IT063 (# 1438) Use carbon source D−Mannose 5mM
40IT065 (# 1440) Use carbon source D−Glucose 20mM
40IT057 (# 1432) Use carbon source D−Glucose 20mM
40IT086 (# 1461) Use carbon source D−Mannose 1mM
40IT088 (# 1463) Use carbon source D−Mannose 0.5mM
40IT085 (# 1460) Use carbon source D−Mannose 1mM
40IT075 (# 1450) Use carbon source D−Glucose 0.5mM
40IT074 (# 1449) Use carbon source D−Glucose 1mM
40IT073 (# 1448) Use carbon source D−Glucose 1mM
57IT028 (# 2148) Use Ying_sugar7 rep A; time point
40IT076 (# 1451) Use carbon source D−Glucose 0.5mM
40IT069 (# 1444) Not carbon source D−Glucose 5mM
40IT087 (# 1462) Use carbon source D−Mannose 0.5mM
40IT077 (# 1452) Use carbon source D−Glucose 0.25mM
40IT078 (# 1453) Use carbon source D−Glucose 0.25mM
40IT089 (# 1464) Not carbon source D−Mannose 0.25mM
0.8
0.6
0.4
0.2
0.0

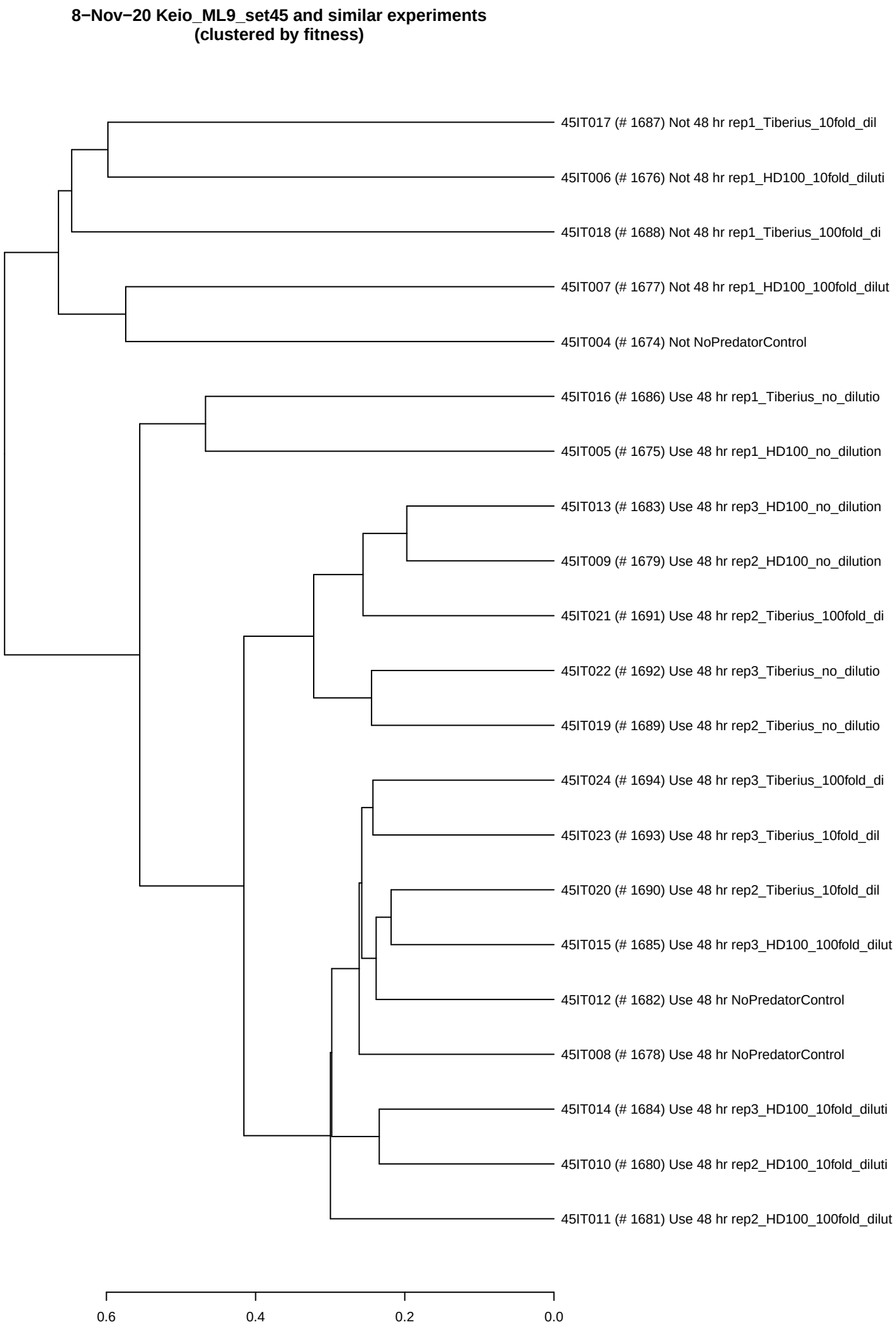

21−Oct−20 Keio_ML9_set41 and similar experiments
(clustered by fitness)
41IT061 (# 1504) Not LB + carbenicillin 0hr
41IT002 (# 1473) Not LB + ciprofloxacin Time0
41IT049 (# 1494) Not LB + carbenicillin 0hr
41IT014 (# 1484) Not LB + ciprofloxacin Time0
41IT062 (# 1505) Use LB Time1hr
41IT050 (# 1495) Not LB Time1hr
41IT066 (# 1509) Use LB + ciprofloxacin Time4hr
41IT020 (# 1490) Use LB + ciprofloxacin Time5hr
41IT019 (# 1489) Use LB Time5hr
42IT054 (# 1535) Use LB + ciprofloxacin Time48hr
41IT007 (# 1478) Use LB Time5hr
41IT053 (# 1498) Use LB Time4hr
41IT054 (# 1499) Use LB + ciprofloxacin Time4hr
41IT005 (# 1476) Use LB + ciprofloxacin Time3hr
41IT017 (# 1487) Use LB + ciprofloxacin Time3hr
41IT016 (# 1486) Use LB Time3hr
41IT004 (# 1475) Use LB Time3hr
41IT063 (# 1506) Use LB + ciprofloxacin Time1−2hr
41IT051 (# 1496) Use LB + ciprofloxacin Time1−2hr
41IT069 (# 1512) Use LB + ciprofloxacin Time6hr
41IT057 (# 1502) Use LB + ciprofloxacin Time6hr
41IT022 (# 1492) Use LB Time7hr
41IT068 (# 1511) Use LB Time6hr
41IT056 (# 1501) Use LB Time6hr
42IT062 (# 1538) Use LB Time9hr
42IT051 (# 1532) Use LB + ciprofloxacin Time9hr
42IT017 (# 1526) Use LB + ciprofloxacin Time24hr
42IT005 (# 1518) Use LB + ciprofloxacin Time24hr
41IT023 (# 1493) Use LB + ciprofloxacin Time7hr
41IT011 (# 1482) Use LB + ciprofloxacin Time7hr
41IT010 (# 1481) Use LB Time7hr
41IT065 (# 1508) Use LB Time4hr
41IT008 (# 1479) Use LB + ciprofloxacin Time5hr
41IT015 (# 1485) Use LB + carbenicillin Time1−2hr
41IT003 (# 1474) Use LB + carbenicillin Time1−2hr
41IT064 (# 1507) Use LB + carbenicillin Time3hr
41IT052 (# 1497) Use LB + carbenicillin Time3hr
41IT018 (# 1488) Use LB + carbenicillin Time4hr
41IT006 (# 1477) Use LB + carbenicillin Time4hr
42IT049 (# 1530) Use LB + carbenicillin Time8hr
41IT055 (# 1500) Use LB + carbenicillin Time5hr
41IT067 (# 1510) Use LB + carbenicillin Time5hr
41IT021 (# 1491) Use LB + carbenicillin Time6hr
42IT052 (# 1533) Use LB + carbenicillin Time24hr
41IT058 (# 1503) Use LB + carbenicillin Time7hr
41IT009 (# 1480) Use LB + carbenicillin Time6hr
41IT070 (# 1513) Use LB + carbenicillin Time7hr
0.8
0.6
0.4
0.2
0.0

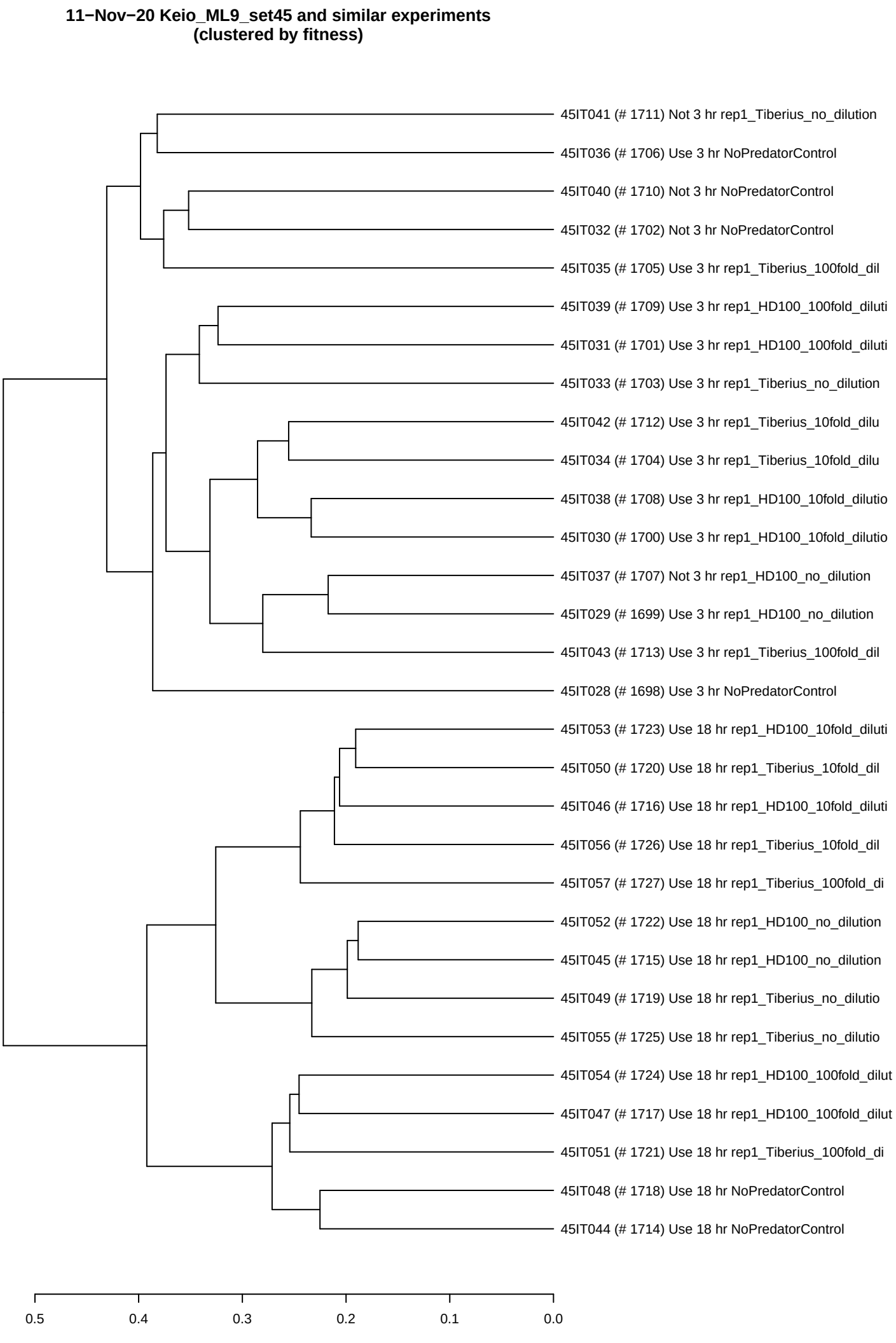

21−Oct−20 and similar experiments
(clustered by fitness)
42IT049 (# 1530) Use LB + carbenicillin Time8hr
42IT003 (# 1516) Use LB + carbenicillin Time9hr
42IT015 (# 1524) Use LB + carbenicillin Time9hr
42IT061 (# 1537) Use LB + carbenicillin Time8hr
42IT064 (# 1540) Use LB + carbenicillin Time24hr
42IT052 (# 1533) Use LB + carbenicillin Time24hr
42IT018 (# 1527) Use LB + carbenicillin Time48hr
42IT006 (# 1519) Use LB + carbenicillin Time48hr
42IT067 (# 1543) Use LB + carbenicillin regrowth af
42IT055 (# 1536) Use LB + carbenicillin regrowth af
42IT017 (# 1526) Use LB + ciprofloxacin Time24hr
42IT004 (# 1517) Use LB Time24hr
42IT050 (# 1531) Use LB Time9hr
42IT013 (# 1522) Use LB Time8hr
42IT062 (# 1538) Use LB Time9hr
42IT051 (# 1532) Use LB + ciprofloxacin Time9hr
42IT063 (# 1539) Use LB + ciprofloxacin Time9hr
42IT053 (# 1534) Use LB Time48hr
42IT065 (# 1541) Use LB Time48hr
42IT054 (# 1535) Use LB + ciprofloxacin Time48hr
42IT066 (# 1542) Use LB + ciprofloxacin Time48hr
42IT002 (# 1515) Use LB + ciprofloxacin Time8hr
41IT023 (# 1493) Use LB + ciprofloxacin Time7hr
42IT014 (# 1523) Use LB + ciprofloxacin Time8hr
42IT005 (# 1518) Use LB + ciprofloxacin Time24hr
42IT016 (# 1525) Use LB Time24hr
42IT019 (# 1528) Use LB regrowth after 48hrs
42IT007 (# 1520) Use LB regrowth after 48hrs
42IT008 (# 1521) Use LB + ciprofloxacin regrowth af
42IT001 (# 1514) Use LB Time8hr
0.4
0.3
0.2
0.1
0.0

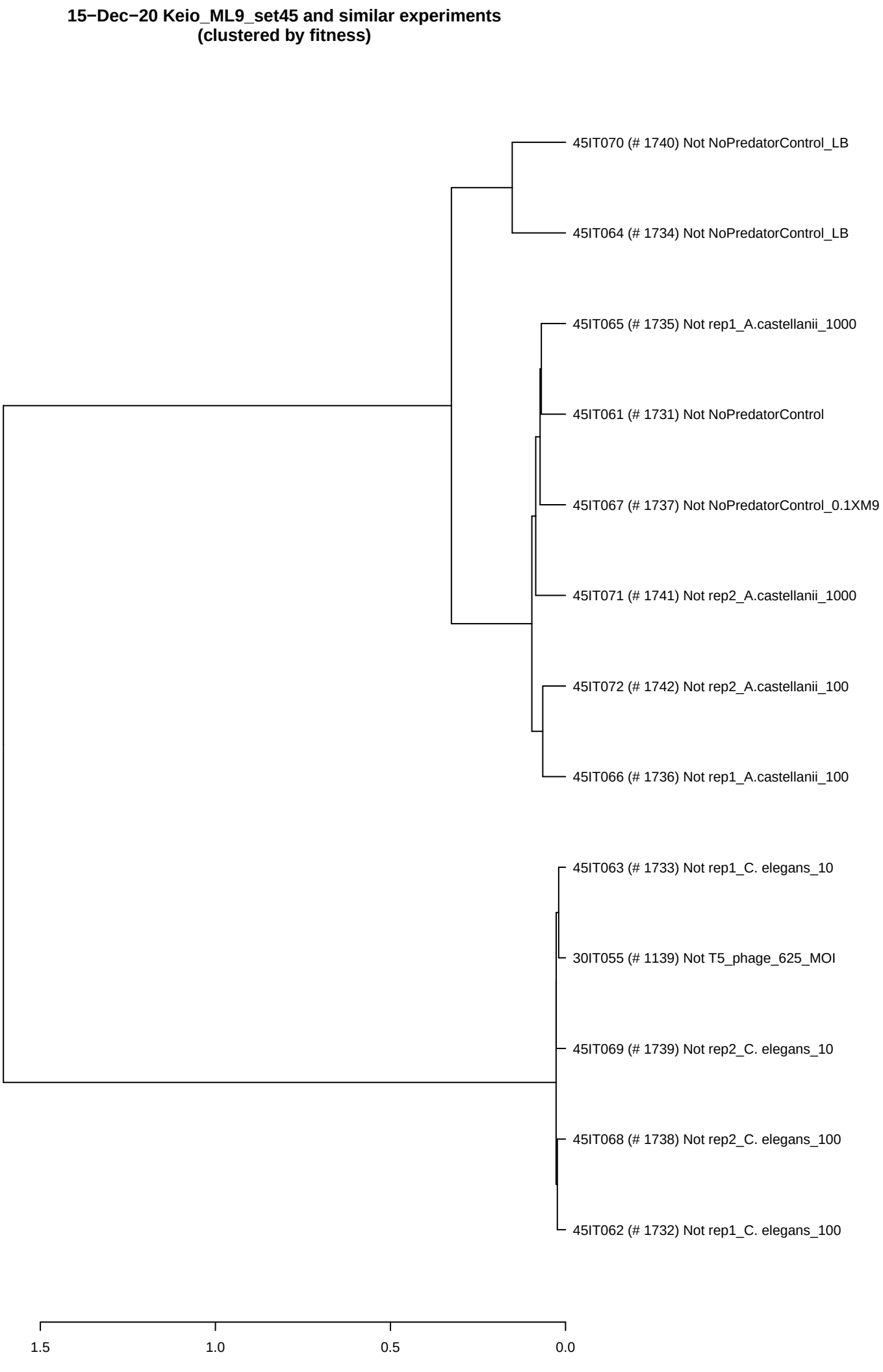

29−Sep−20 Keio_ML9_set43 and similar experiments
(clustered by fitness)
43IT007 (# 1550) Use T4_T2_phage0
43IT004 (# 1547) Use T4_T1_phage0
43IT003 (# 1546) Not T4_T0_drop
61S60 (# 2322) Not Laval1263
61S55 (# 2317) Not Bas41
66S474 (# 2758) Not JK42
43IT008 (# 1551) Not T4_T2_phage8
43IT009 (# 1552) Not T4_T2_phage10
43IT006 (# 1549) Not T4_T1_phage10
43IT005 (# 1548) Not T4_T1_phage8
1.2
1.0
0.8
0.6
0.4
0.2
0.0

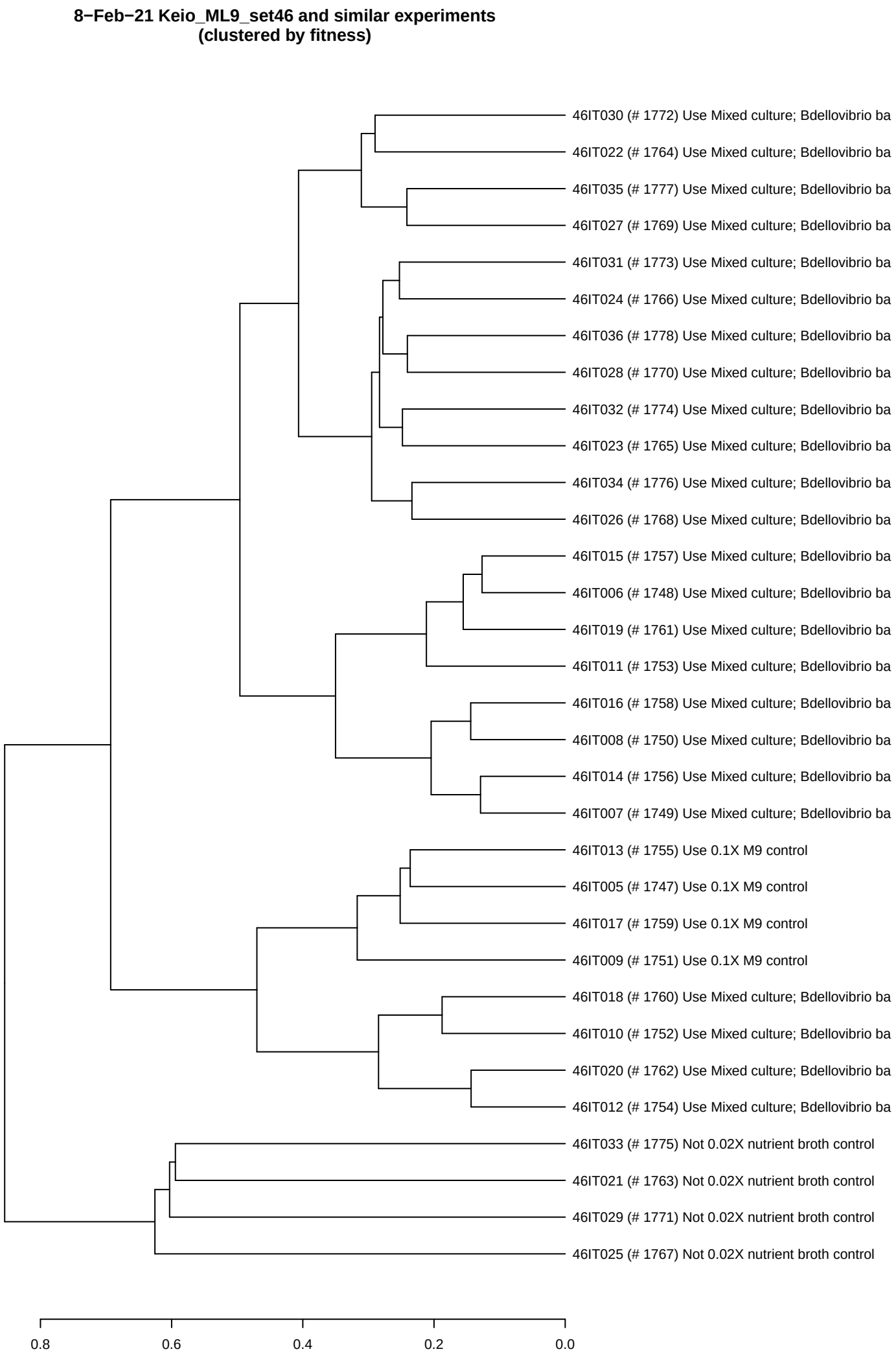

5−Oct−20 Keio_ML9_set43 and similar experiments
(clustered by fitness)
43IT016 (# 1559) Not R1_N4_T1_phage8
19IT024 (# 912) Not LB_plus_SM_buffer with N4_phag
43IT019 (# 1562) Use R1_N4_T2_phage8
36IT044 (# 1321) Use Phage_N4_cage_4_mouse_1_Cecum_
43IT018 (# 1561) Not R1_N4_T2_phage0
43IT015 (# 1558) Use R1_N4_T1_phage0
61S48 (# 2310) Not Bas69
30IT064 (# 1148) Not N4_phage_1937.5_MOI
43IT020 (# 1563) Not R1_N4_T2_phage10
43IT017 (# 1560) Not R1_N4_T1_phage10
1.2
1.0
0.8
0.6
0.4
0.2
0.0

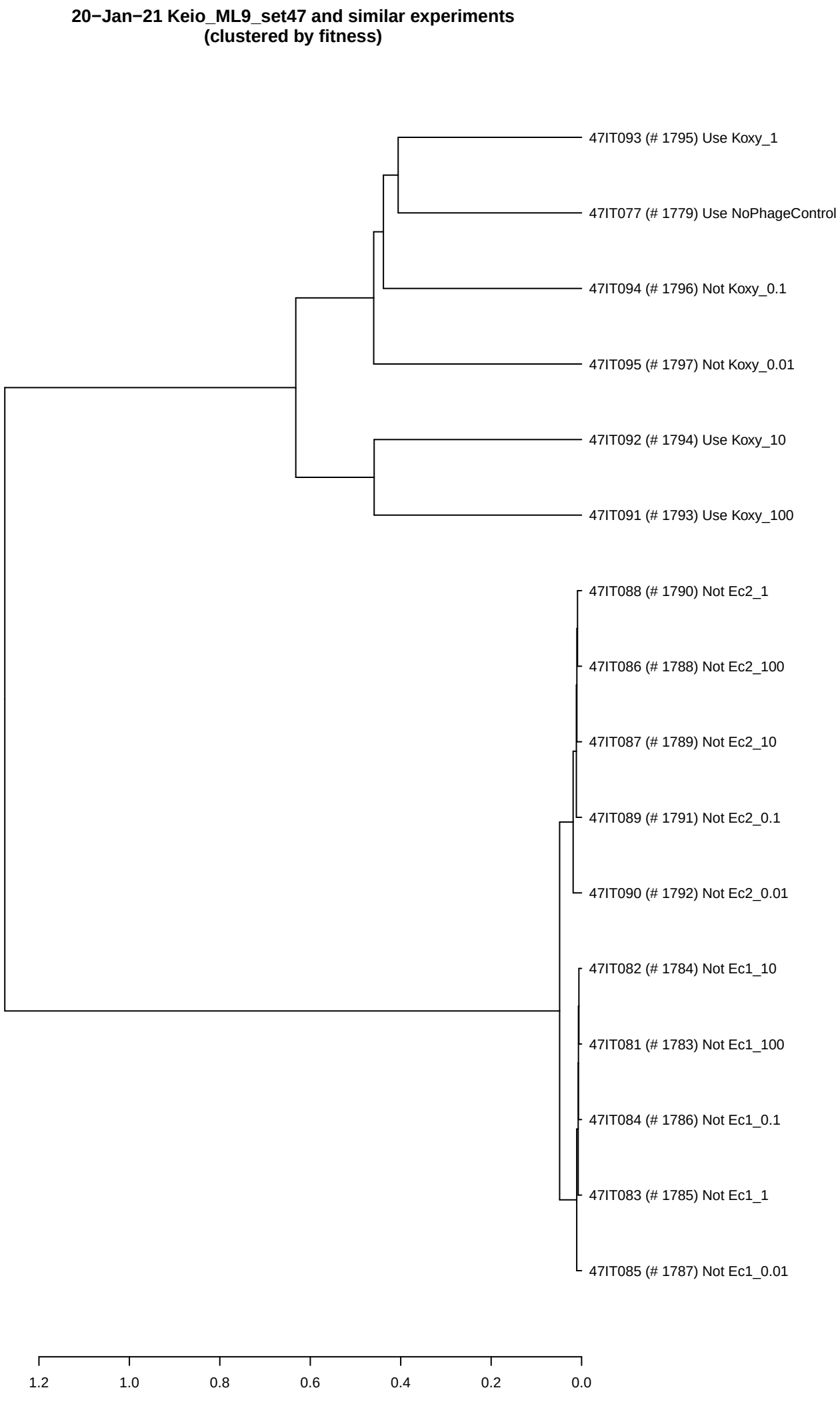

27−Oct−20 Keio_ML9_set43 and similar experiments
(clustered by fitness)
43IT030 (# 1573) Use R2_N4_T2_phage8
43IT029 (# 1572) Not R2_N4_T2_phage0
43IT031 (# 1574) Use R2_N4_T2_phage10
43IT028 (# 1571) Use R2_N4_T1_phage10
43IT027 (# 1570) Not R2_N4_T1_phage8
43IT026 (# 1569) Not R2_N4_T1_phage0
66S437 (# 2721) Not TP14
43IT025 (# 1568) Not R2_N4_T0_drop
1.2
1.0
0.8
0.6
0.4
0.2
0.0

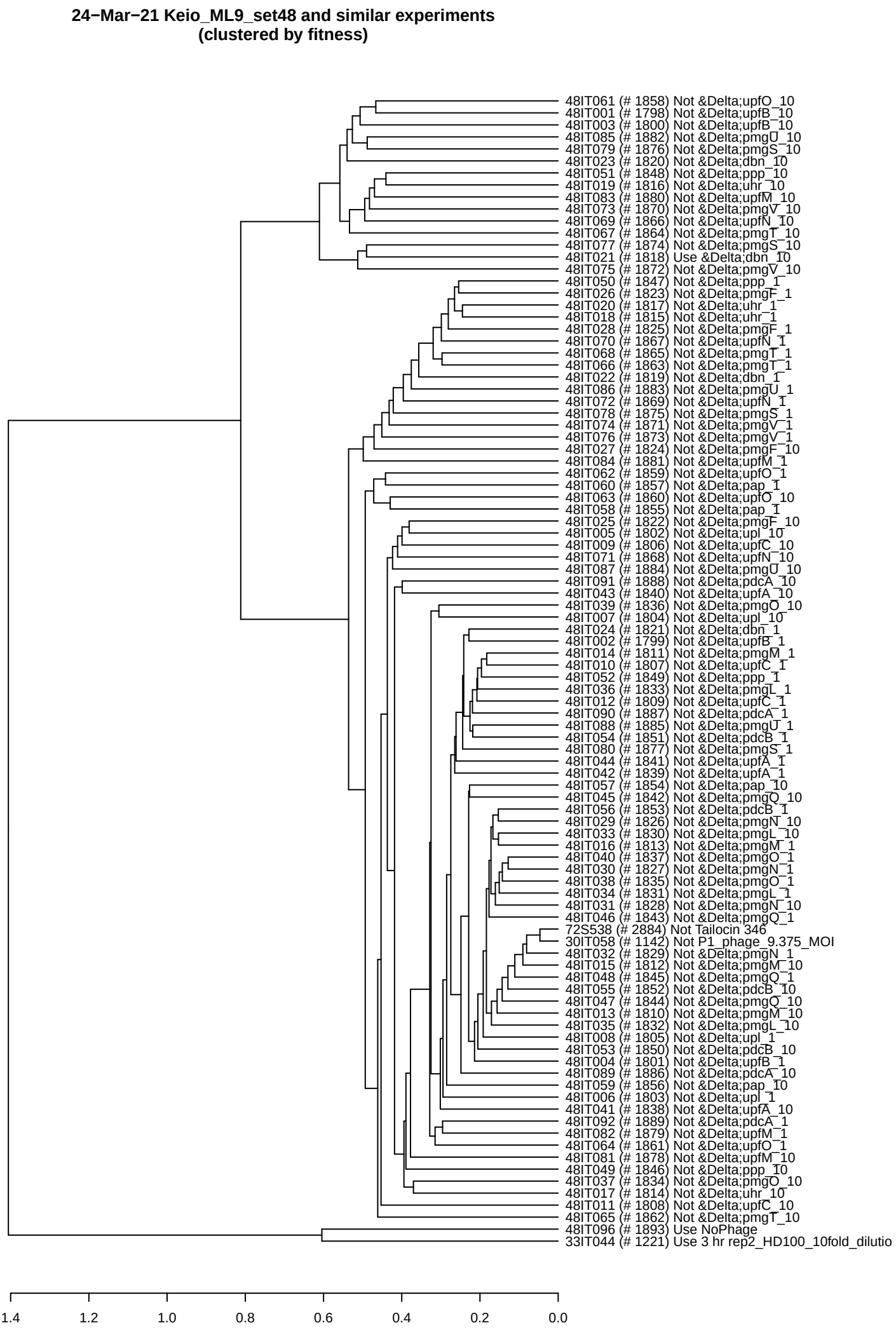

8−Nov−20 Keio_ML9_set45 and similar experiments
(clustered by fitness)
45IT017 (# 1687) Not 48 hr rep1_Tiberius_10fold_dil
45IT006 (# 1676) Not 48 hr rep1_HD100_10fold_diluti
45IT018 (# 1688) Not 48 hr rep1_Tiberius_100fold_di
45IT007 (# 1677) Not 48 hr rep1_HD100_100fold_dilut
45IT004 (# 1674) Not NoPredatorControl
45IT016 (# 1686) Use 48 hr rep1_Tiberius_no_dilutio
45IT005 (# 1675) Use 48 hr rep1_HD100_no_dilution
45IT013 (# 1683) Use 48 hr rep3_HD100_no_dilution
45IT009 (# 1679) Use 48 hr rep2_HD100_no_dilution
45IT021 (# 1691) Use 48 hr rep2_Tiberius_100fold_di
45IT022 (# 1692) Use 48 hr rep3_Tiberius_no_dilutio
45IT019 (# 1689) Use 48 hr rep2_Tiberius_no_dilutio
45IT024 (# 1694) Use 48 hr rep3_Tiberius_100fold_di
45IT023 (# 1693) Use 48 hr rep3_Tiberius_10fold_dil
45IT020 (# 1690) Use 48 hr rep2_Tiberius_10fold_dil
45IT015 (# 1685) Use 48 hr rep3_HD100_100fold_dilut
45IT012 (# 1682) Use 48 hr NoPredatorControl
45IT008 (# 1678) Use 48 hr NoPredatorControl
45IT014 (# 1684) Use 48 hr rep3_HD100_10fold_diluti
45IT010 (# 1680) Use 48 hr rep2_HD100_10fold_diluti
45IT011 (# 1681) Use 48 hr rep2_HD100_100fold_dilut
0.6
0.4
0.2
0.0

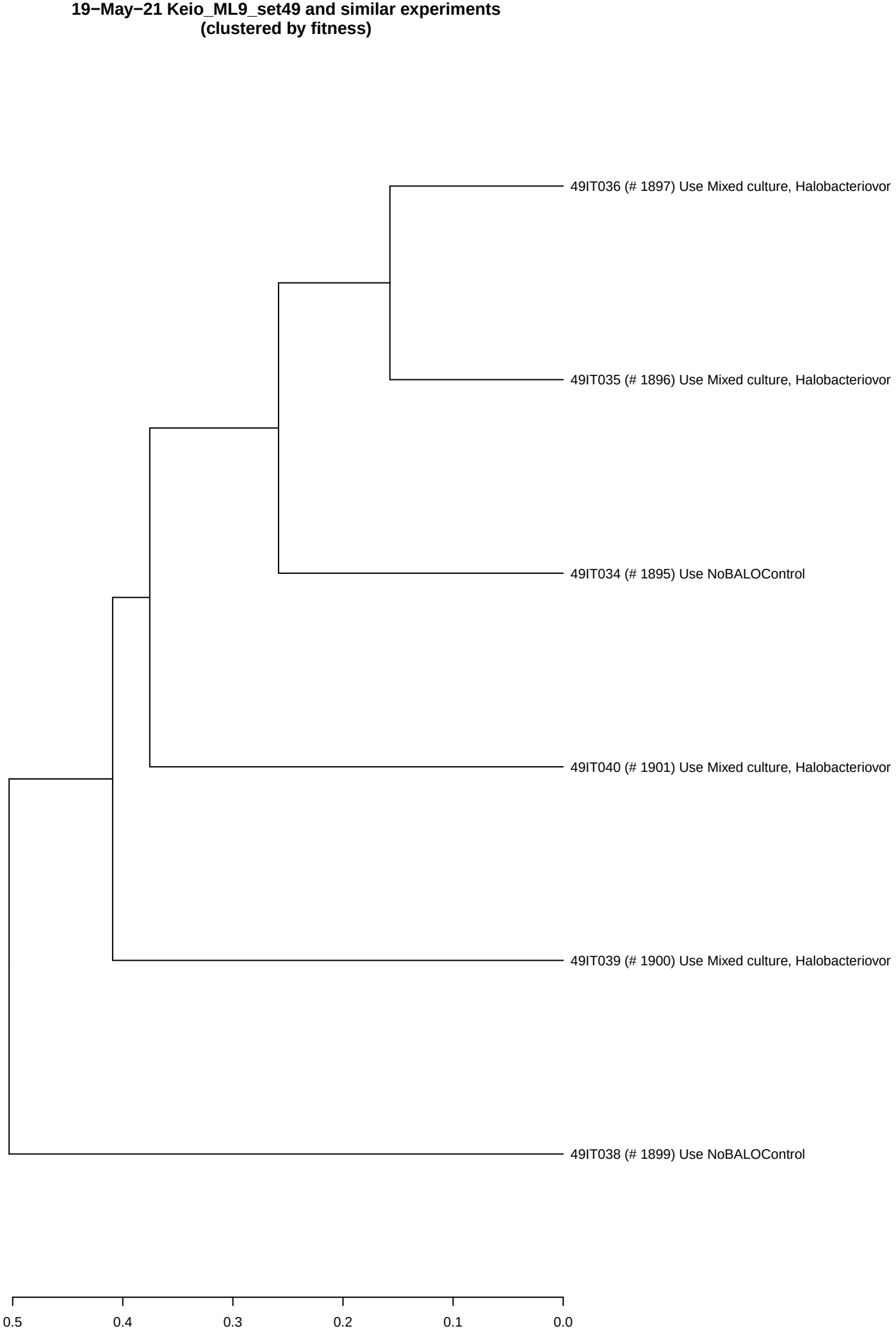

11−Nov−20 Keio_ML9_set45 and similar experiments
(clustered by fitness)
45IT041 (# 1711) Not 3 hr rep1_Tiberius_no_dilution
45IT036 (# 1706) Use 3 hr NoPredatorControl
45IT040 (# 1710) Not 3 hr NoPredatorControl
45IT032 (# 1702) Not 3 hr NoPredatorControl
45IT035 (# 1705) Use 3 hr rep1_Tiberius_100fold_dil
45IT039 (# 1709) Use 3 hr rep1_HD100_100fold_diluti
45IT031 (# 1701) Use 3 hr rep1_HD100_100fold_diluti
45IT033 (# 1703) Use 3 hr rep1_Tiberius_no_dilution
45IT042 (# 1712) Use 3 hr rep1_Tiberius_10fold_dilu
45IT034 (# 1704) Use 3 hr rep1_Tiberius_10fold_dilu
45IT038 (# 1708) Use 3 hr rep1_HD100_10fold_dilutio
45IT030 (# 1700) Use 3 hr rep1_HD100_10fold_dilutio
45IT037 (# 1707) Not 3 hr rep1_HD100_no_dilution
45IT029 (# 1699) Use 3 hr rep1_HD100_no_dilution
45IT043 (# 1713) Use 3 hr rep1_Tiberius_100fold_dil
45IT028 (# 1698) Use 3 hr NoPredatorControl
45IT053 (# 1723) Use 18 hr rep1_HD100_10fold_diluti
45IT050 (# 1720) Use 18 hr rep1_Tiberius_10fold_dil
45IT046 (# 1716) Use 18 hr rep1_HD100_10fold_diluti
45IT056 (# 1726) Use 18 hr rep1_Tiberius_10fold_dil
45IT057 (# 1727) Use 18 hr rep1_Tiberius_100fold_di
45IT052 (# 1722) Use 18 hr rep1_HD100_no_dilution
45IT045 (# 1715) Use 18 hr rep1_HD100_no_dilution
45IT049 (# 1719) Use 18 hr rep1_Tiberius_no_dilutio
45IT055 (# 1725) Use 18 hr rep1_Tiberius_no_dilutio
45IT054 (# 1724) Use 18 hr rep1_HD100_100fold_dilut
45IT047 (# 1717) Use 18 hr rep1_HD100_100fold_dilut
45IT051 (# 1721) Use 18 hr rep1_Tiberius_100fold_di
45IT048 (# 1718) Use 18 hr NoPredatorControl
45IT044 (# 1714) Use 18 hr NoPredatorControl
0.5
0.4
0.3
0.2
0.1
0.0

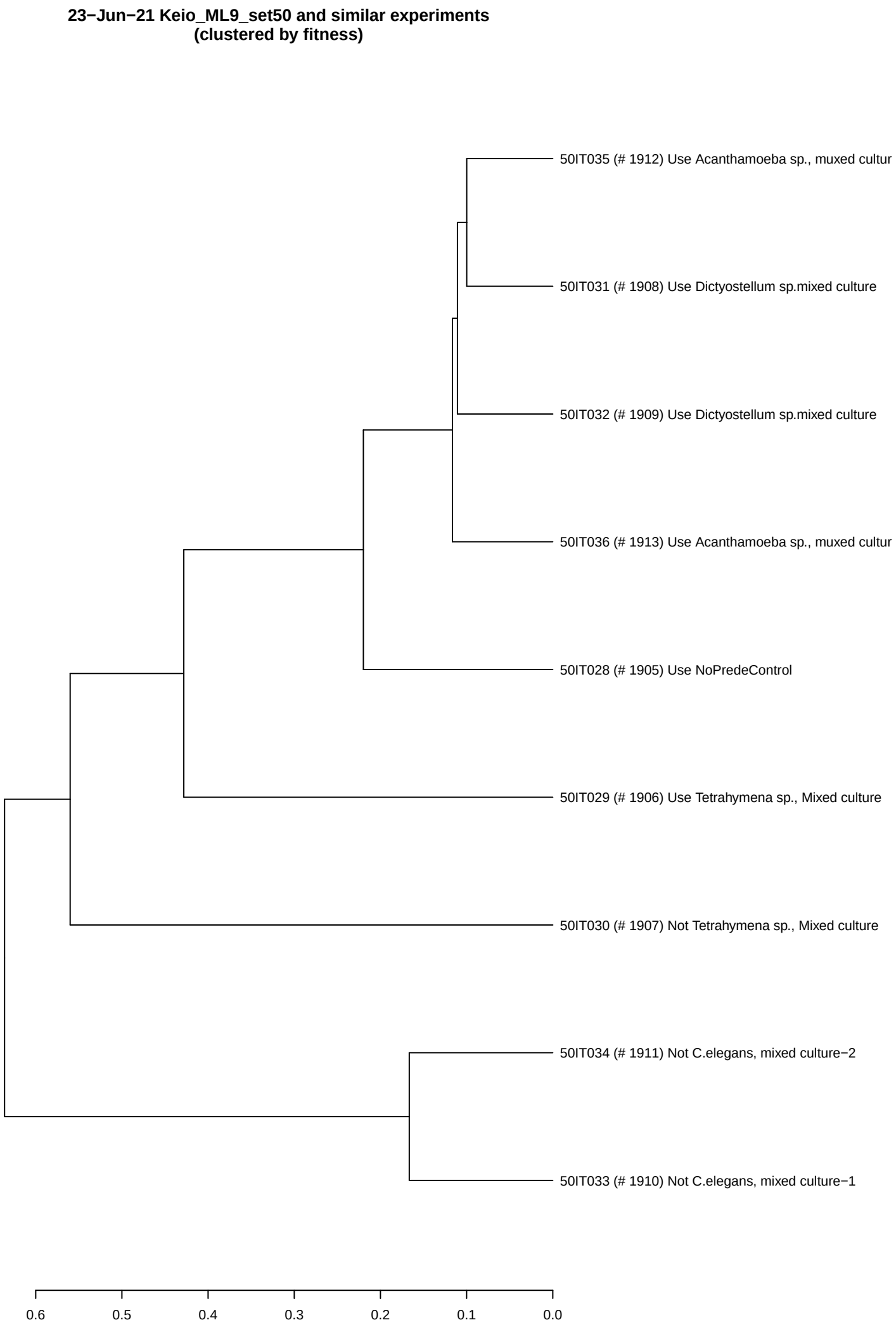

15−Dec−20 Keio_ML9_set45 and similar experiments
(clustered by fitness)
45IT070 (# 1740) Not NoPredatorControl_LB
45IT064 (# 1734) Not NoPredatorControl_LB
45IT065 (# 1735) Not rep1_A.castellanii_1000
45IT061 (# 1731) Not NoPredatorControl
45IT067 (# 1737) Not NoPredatorControl_0.1XM9
45IT071 (# 1741) Not rep2_A.castellanii_1000
45IT072 (# 1742) Not rep2_A.castellanii_100
45IT066 (# 1736) Not rep1_A.castellanii_100
45IT063 (# 1733) Not rep1_C. elegans_10
30IT055 (# 1139) Not T5_phage_625_MOI
45IT069 (# 1739) Not rep2_C. elegans_10
45IT068 (# 1738) Not rep2_C. elegans_100
45IT062 (# 1732) Not rep1_C. elegans_100
1.5
1.0
0.5
0.0


8−Feb−21 Keio_ML9_set46 and similar experiments
(clustered by fitness)
46IT030 (# 1772) Use Mixed culture; Bdellovibrio ba
46IT022 (# 1764) Use Mixed culture; Bdellovibrio ba
46IT035 (# 1777) Use Mixed culture; Bdellovibrio ba
46IT027 (# 1769) Use Mixed culture; Bdellovibrio ba
46IT031 (# 1773) Use Mixed culture; Bdellovibrio ba
46IT024 (# 1766) Use Mixed culture; Bdellovibrio ba
46IT036 (# 1778) Use Mixed culture; Bdellovibrio ba
46IT028 (# 1770) Use Mixed culture; Bdellovibrio ba
46IT032 (# 1774) Use Mixed culture; Bdellovibrio ba
46IT023 (# 1765) Use Mixed culture; Bdellovibrio ba
46IT034 (# 1776) Use Mixed culture; Bdellovibrio ba
46IT026 (# 1768) Use Mixed culture; Bdellovibrio ba
46IT015 (# 1757) Use Mixed culture; Bdellovibrio ba
46IT006 (# 1748) Use Mixed culture; Bdellovibrio ba
46IT019 (# 1761) Use Mixed culture; Bdellovibrio ba
46IT011 (# 1753) Use Mixed culture; Bdellovibrio ba
46IT016 (# 1758) Use Mixed culture; Bdellovibrio ba
46IT008 (# 1750) Use Mixed culture; Bdellovibrio ba
46IT014 (# 1756) Use Mixed culture; Bdellovibrio ba
46IT007 (# 1749) Use Mixed culture; Bdellovibrio ba
46IT013 (# 1755) Use 0.1X M9 control
46IT005 (# 1747) Use 0.1X M9 control
46IT017 (# 1759) Use 0.1X M9 control
46IT009 (# 1751) Use 0.1X M9 control
46IT018 (# 1760) Use Mixed culture; Bdellovibrio ba
46IT010 (# 1752) Use Mixed culture; Bdellovibrio ba
46IT020 (# 1762) Use Mixed culture; Bdellovibrio ba
46IT012 (# 1754) Use Mixed culture; Bdellovibrio ba
46IT033 (# 1775) Not 0.02X nutrient broth control
46IT021 (# 1763) Not 0.02X nutrient broth control
46IT029 (# 1771) Not 0.02X nutrient broth control
46IT025 (# 1767) Not 0.02X nutrient broth control
0.8
0.6
0.4
0.2
0.0

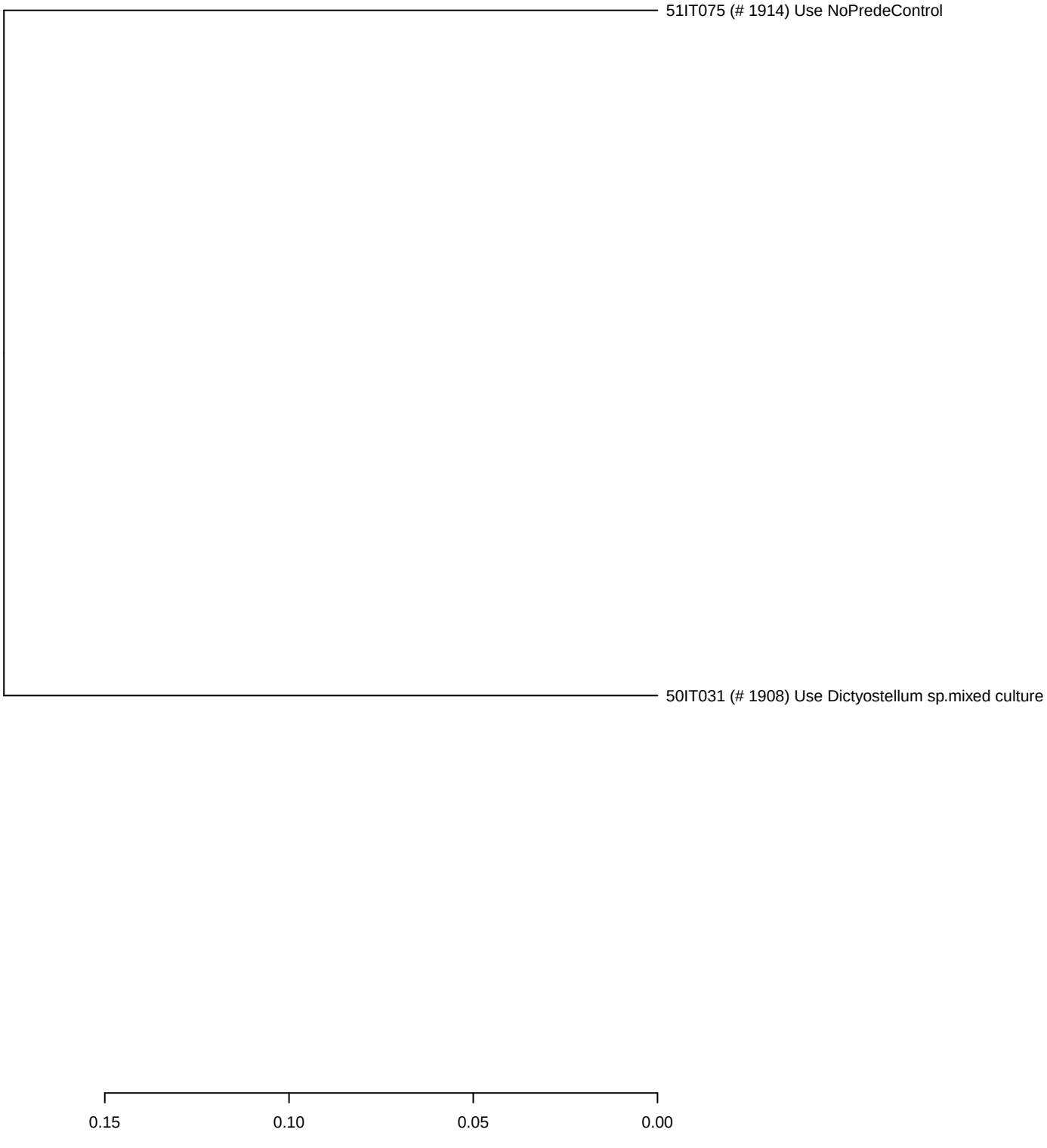

20−Jan−21 Keio_ML9_set47 and similar experiments
(clustered by fitness)
47IT093 (# 1795) Use Koxy_1
47IT077 (# 1779) Use NoPhageControl
47IT094 (# 1796) Not Koxy_0.1
47IT095 (# 1797) Not Koxy_0.01
47IT092 (# 1794) Use Koxy_10
47IT091 (# 1793) Use Koxy_100
47IT088 (# 1790) Not Ec2_1
47IT086 (# 1788) Not Ec2_100
47IT087 (# 1789) Not Ec2_10
47IT089 (# 1791) Not Ec2_0.1
47IT090 (# 1792) Not Ec2_0.01
47IT082 (# 1784) Not Ec1_10
47IT081 (# 1783) Not Ec1_100
47IT084 (# 1786) Not Ec1_0.1
47IT083 (# 1785) Not Ec1_1
47IT085 (# 1787) Not Ec1_0.01
1.2
1.0
0.8
0.6
0.4
0.2
0.0

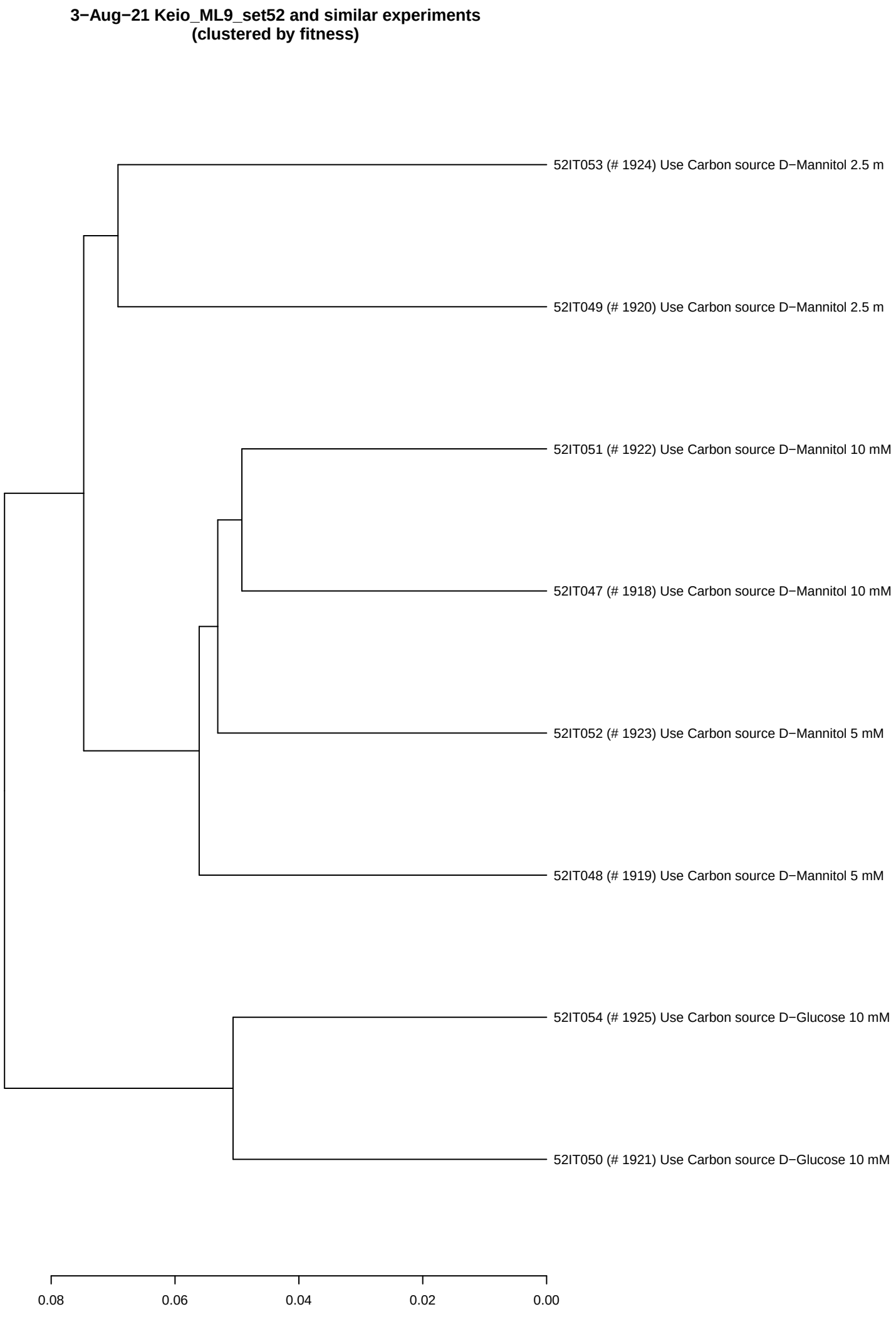

24−Mar−21 Keio_ML9_set48 and similar experiments
(clustered by fitness)
48IT061 (# 1858) Not ΔupfO_10
48IT001 (# 1798) Not ΔupfB_10
48IT003 (# 1800) Not ΔupfB_10
48IT085 (# 1882) Not ΔpmgU_10
48IT079 (# 1876) Not ΔpmgS_10
48IT023 (# 1820) Not Δdbn_10
48IT051 (# 1848) Not Δppp_10
48IT019 (# 1816) Not Δuhr_10
48IT083 (# 1880) Not ΔupfM_10
48IT073 (# 1870) Not ΔpmgV_10
48IT069 (# 1866) Not ΔupfN_10
48IT067 (# 1864) Not ΔpmgT_10
48IT077 (# 1874) Not ΔpmgS_10
48IT021 (# 1818) Use Δdbn_10
48IT075 (# 1872) Not ΔpmgV_10
48IT050 (# 1847) Not Δppp_1
48IT026 (# 1823) Not ΔpmgF_1
48IT020 (# 1817) Not Δuhr_1
48IT018 (# 1815) Not Δuhr_1
48IT028 (# 1825) Not ΔpmgF_1
48IT070 (# 1867) Not ΔupfN_1
48IT068 (# 1865) Not ΔpmgT_1
48IT066 (# 1863) Not ΔpmgT_1
48IT022 (# 1819) Not Δdbn_1
48IT086 (# 1883) Not ΔpmgU_1
48IT072 (# 1869) Not ΔupfN_1
48IT078 (# 1875) Not ΔpmgS_1
48IT074 (# 1871) Not ΔpmgV_1
48IT076 (# 1873) Not ΔpmgV_1
48IT027 (# 1824) Not ΔpmgF_10
48IT084 (# 1881) Not ΔupfM_1
48IT062 (# 1859) Not ΔupfO_1
48IT060 (# 1857) Not Δpap_1
48IT063 (# 1860) Not ΔupfO_10
48IT058 (# 1855) Not Δpap_1
48IT025 (# 1822) Not ΔpmgF_10
48IT005 (# 1802) Not Δupl_10
48IT009 (# 1806) Not ΔupfC_10
48IT071 (# 1868) Not ΔupfN_10
48IT087 (# 1884) Not ΔpmgU_10
48IT091 (# 1888) Not ΔpdcA_10
48IT043 (# 1840) Not ΔupfA_10
48IT039 (# 1836) Not ΔpmgO_10
48IT007 (# 1804) Not Δupl_10
48IT024 (# 1821) Not Δdbn_1
48IT002 (# 1799) Not ΔupfB_1
48IT014 (# 1811) Not ΔpmgM_1
48IT010 (# 1807) Not ΔupfC_1
48IT052 (# 1849) Not Δppp_1
48IT036 (# 1833) Not ΔpmgL_1
48IT012 (# 1809) Not ΔupfC_1
48IT090 (# 1887) Not ΔpdcA_1
48IT088 (# 1885) Not ΔpmgU_1
48IT054 (# 1851) Not ΔpdcB_1
48IT080 (# 1877) Not ΔpmgS_1
48IT044 (# 1841) Not ΔupfA_1
48IT042 (# 1839) Not ΔupfA_1
48IT057 (# 1854) Not Δpap_10
48IT045 (# 1842) Not ΔpmgQ_10
48IT056 (# 1853) Not ΔpdcB_1
48IT029 (# 1826) Not ΔpmgN_10
48IT033 (# 1830) Not ΔpmgL_10
48IT016 (# 1813) Not ΔpmgM_1
48IT040 (# 1837) Not ΔpmgO_1
48IT030 (# 1827) Not ΔpmgN_1
48IT038 (# 1835) Not ΔpmgO_1
48IT034 (# 1831) Not ΔpmgL_1
48IT031 (# 1828) Not ΔpmgN_10
48IT046 (# 1843) Not ΔpmgQ_1
72S538 (# 2884) Not Tailocin 346
30IT058 (# 1142) Not P1_phage_9.375_MOI
48IT032 (# 1829) Not ΔpmgN_1
48IT015 (# 1812) Not ΔpmgM_10
48IT048 (# 1845) Not ΔpmgQ_1
48IT055 (# 1852) Not ΔpdcB_10
48IT047 (# 1844) Not ΔpmgQ_10
48IT013 (# 1810) Not ΔpmgM_10
48IT035 (# 1832) Not ΔpmgL_10
48IT008 (# 1805) Not Δupl_1
48IT053 (# 1850) Not ΔpdcB_10
48IT004 (# 1801) Not ΔupfB_1
48IT089 (# 1886) Not ΔpdcA_10
48IT059 (# 1856) Not Δpap_10
48IT006 (# 1803) Not Δupl_1
48IT041 (# 1838) Not ΔupfA_10
48IT092 (# 1889) Not ΔpdcA_1
48IT082 (# 1879) Not ΔupfM_1
48IT064 (# 1861) Not ΔupfO_1
48IT081 (# 1878) Not ΔupfM_10
48IT049 (# 1846) Not Δppp_10
48IT037 (# 1834) Not ΔpmgO_10
48IT017 (# 1814) Not Δuhr_10
48IT011 (# 1808) Not ΔupfC_10
48IT065 (# 1862) Not ΔpmgT_10
48IT096 (# 1893) Use NoPhage
33IT044 (# 1221) Use 3 hr rep2_HD100_10fold_dilutio
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0


19−May−21 Keio_ML9_set49 and similar experiments
(clustered by fitness)
49IT036 (# 1897) Use Mixed culture, Halobacteriovor
49IT035 (# 1896) Use Mixed culture, Halobacteriovor
49IT034 (# 1895) Use NoBALOControl
49IT040 (# 1901) Use Mixed culture, Halobacteriovor
49IT039 (# 1900) Use Mixed culture, Halobacteriovor
49IT038 (# 1899) Use NoBALOControl
0.5
0.4
0.3
0.2
0.1
0.0

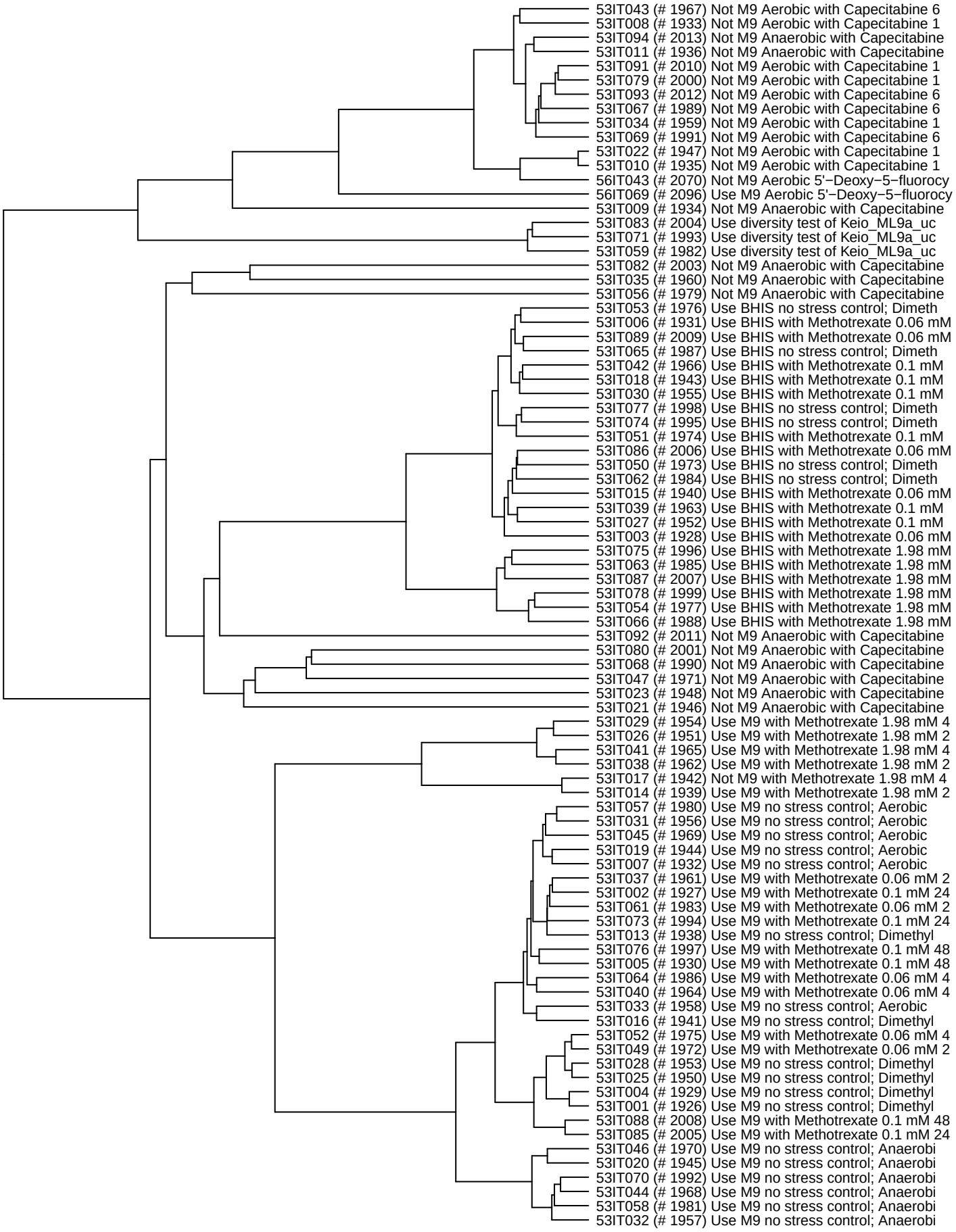

23−Jun−21 Keio_ML9_set50 and similar experiments
(clustered by fitness)
50IT035 (# 1912) Use Acanthamoeba sp., muxed cultur
50IT031 (# 1908) Use Dictyostellum sp.mixed culture
50IT032 (# 1909) Use Dictyostellum sp.mixed culture
50IT036 (# 1913) Use Acanthamoeba sp., muxed cultur
50IT028 (# 1905) Use NoPredeControl
50IT029 (# 1906) Use Tetrahymena sp., Mixed culture
50IT030 (# 1907) Not Tetrahymena sp., Mixed culture
50IT034 (# 1911) Not C.elegans, mixed culture−2
50IT033 (# 1910) Not C.elegans, mixed culture−1
0.6
0.5
0.4
0.3
0.2
0.1
0.0

23−Jun−21 and similar experiments
(clustered by fitness)

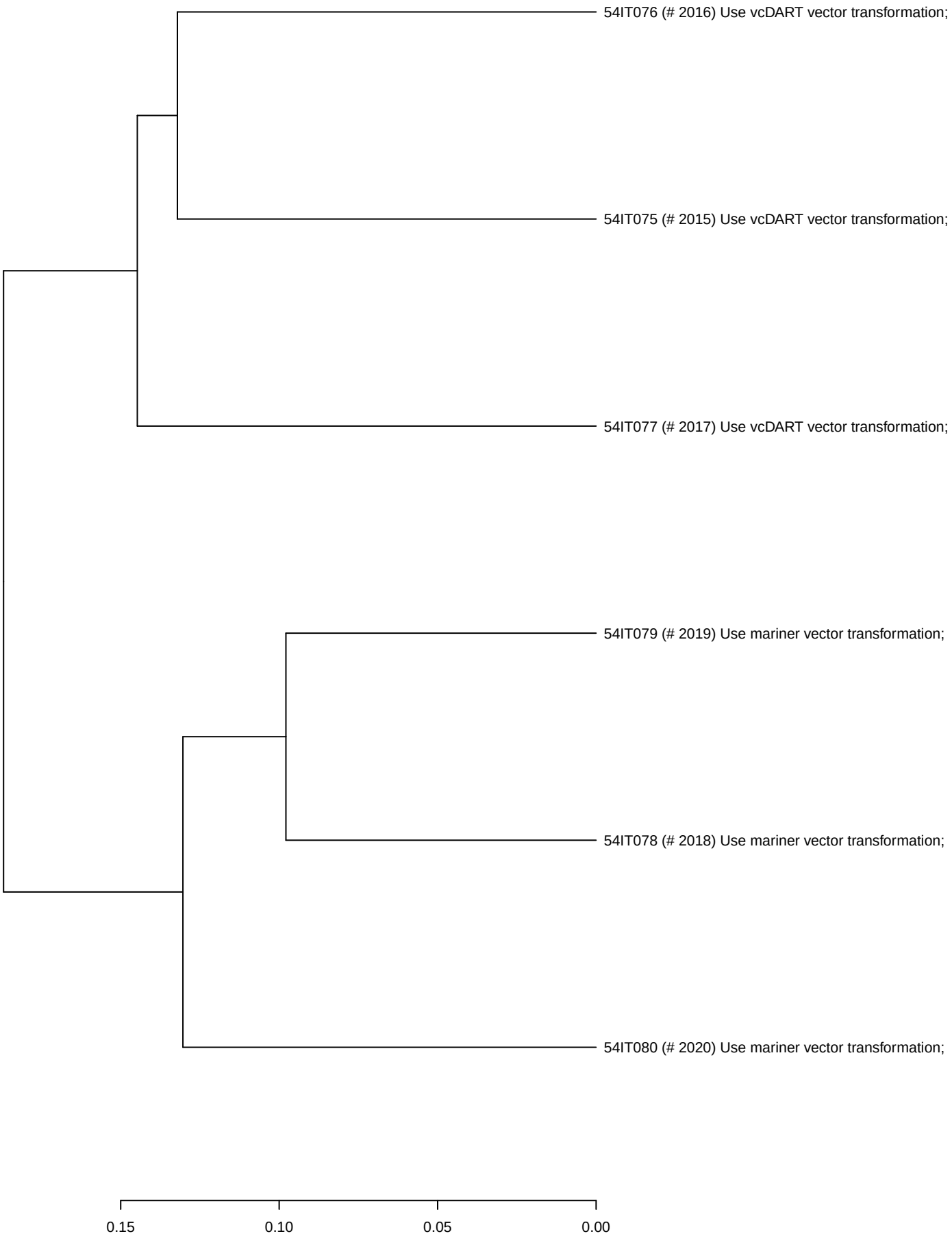



3−Aug−21 Keio_ML9_set52 and similar experiments
(clustered by fitness)
52IT053 (# 1924) Use Carbon source D−Mannitol 2.5 m
52IT049 (# 1920) Use Carbon source D−Mannitol 2.5 m
52IT051 (# 1922) Use Carbon source D−Mannitol 10 mM
52IT047 (# 1918) Use Carbon source D−Mannitol 10 mM
52IT052 (# 1923) Use Carbon source D−Mannitol 5 mM
52IT048 (# 1919) Use Carbon source D−Mannitol 5 mM
52IT054 (# 1925) Use Carbon source D−Glucose 10 mM
52IT050 (# 1921) Use Carbon source D−Glucose 10 mM
0.08
0.06
0.04
0.02
0.00

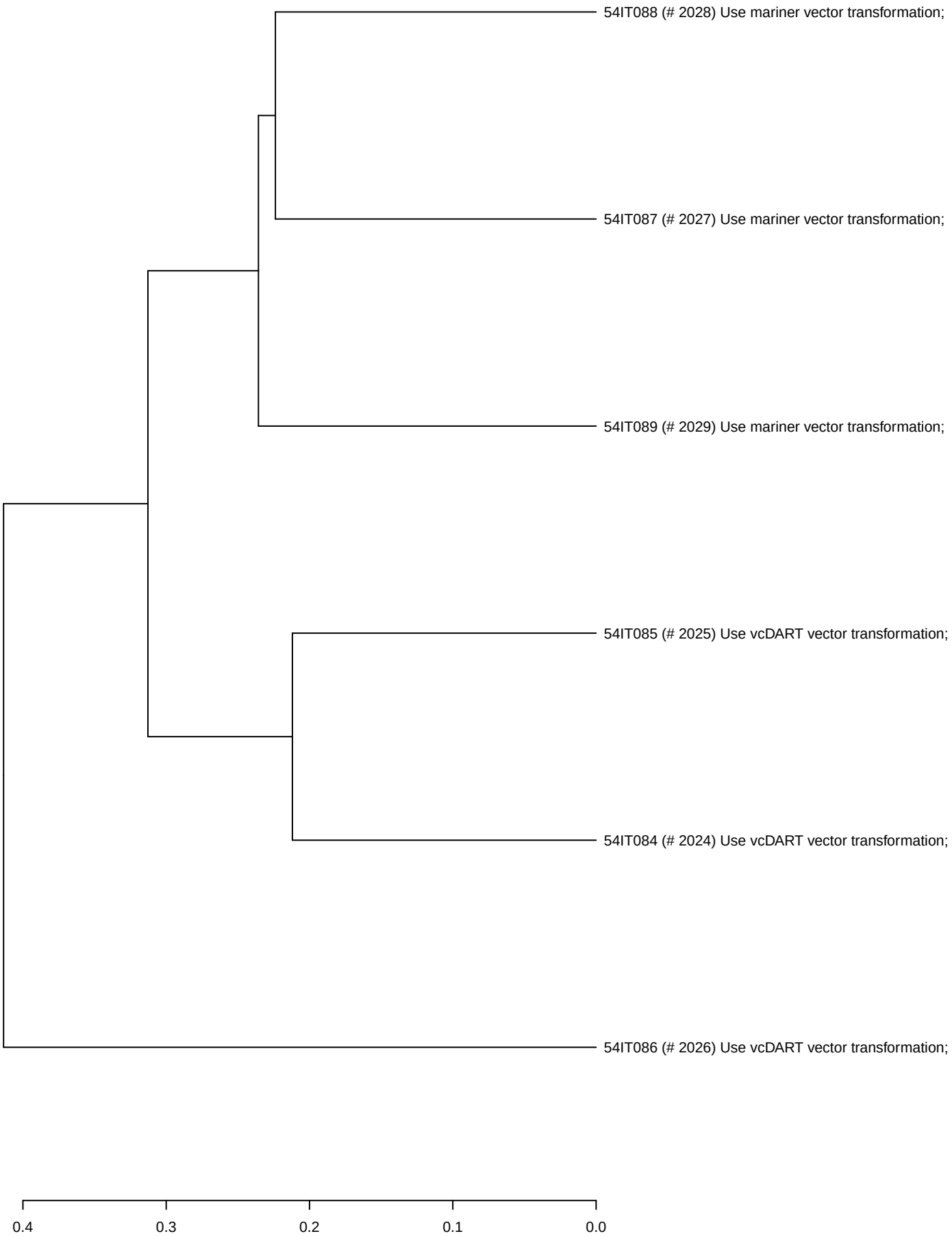
8/11/21 Keio_ML9_set53 and similar experiments (clustered by fitness)



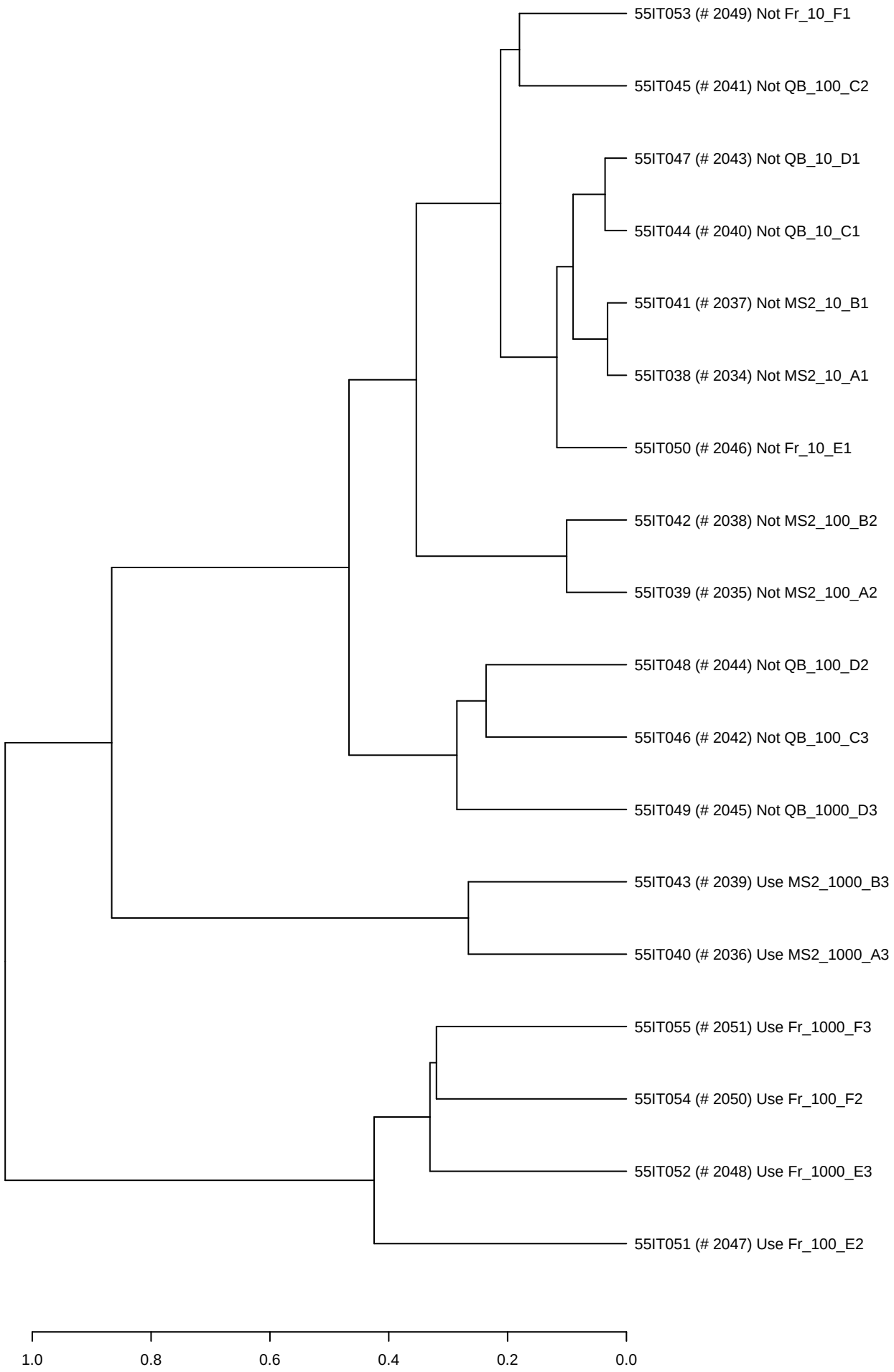
3/30/22 Keio_ML9_set54 and similar experiments (clustered by fitness)

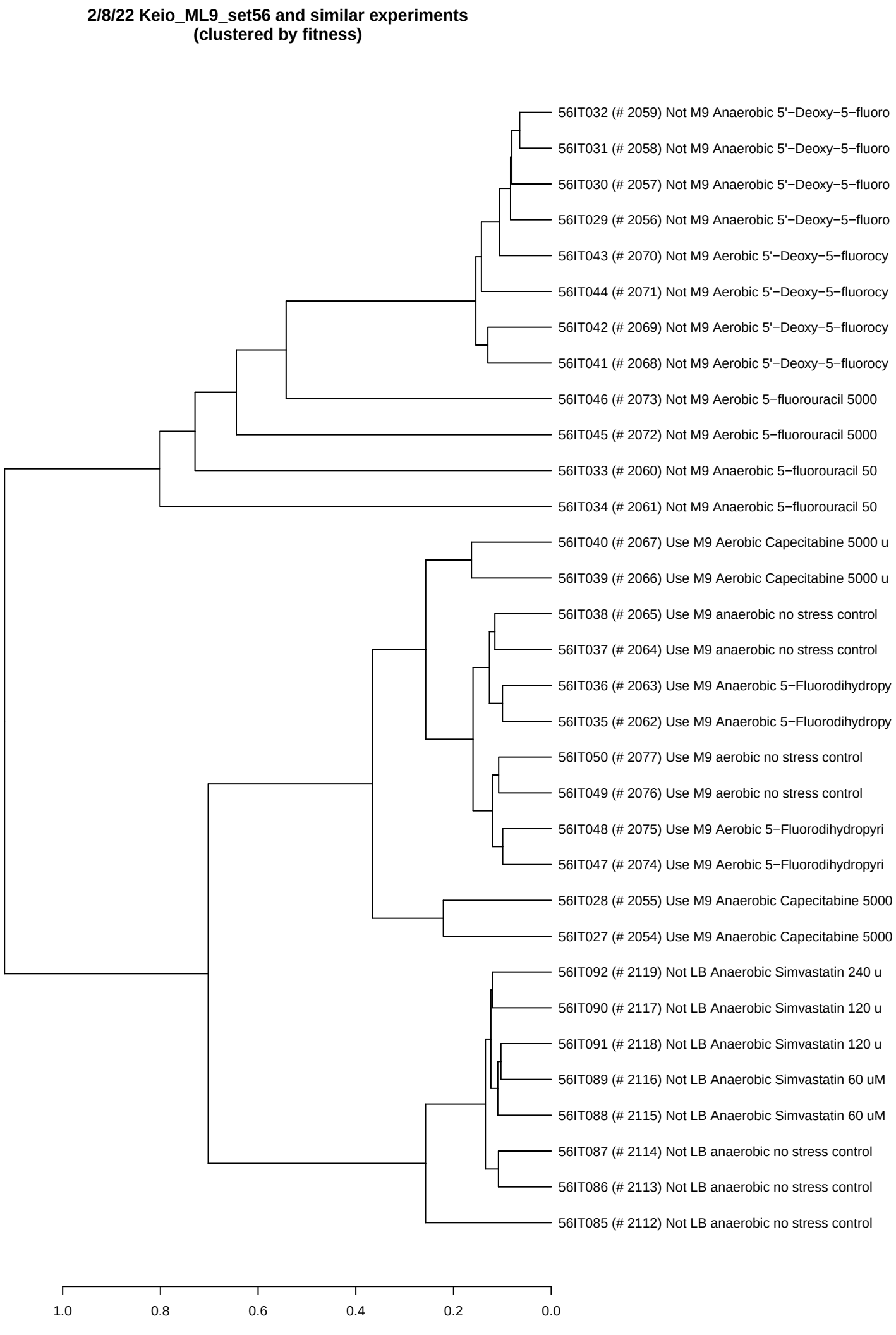


3/31/22 Keio_ML9_set54 and similar experiments (clustered by fitness)

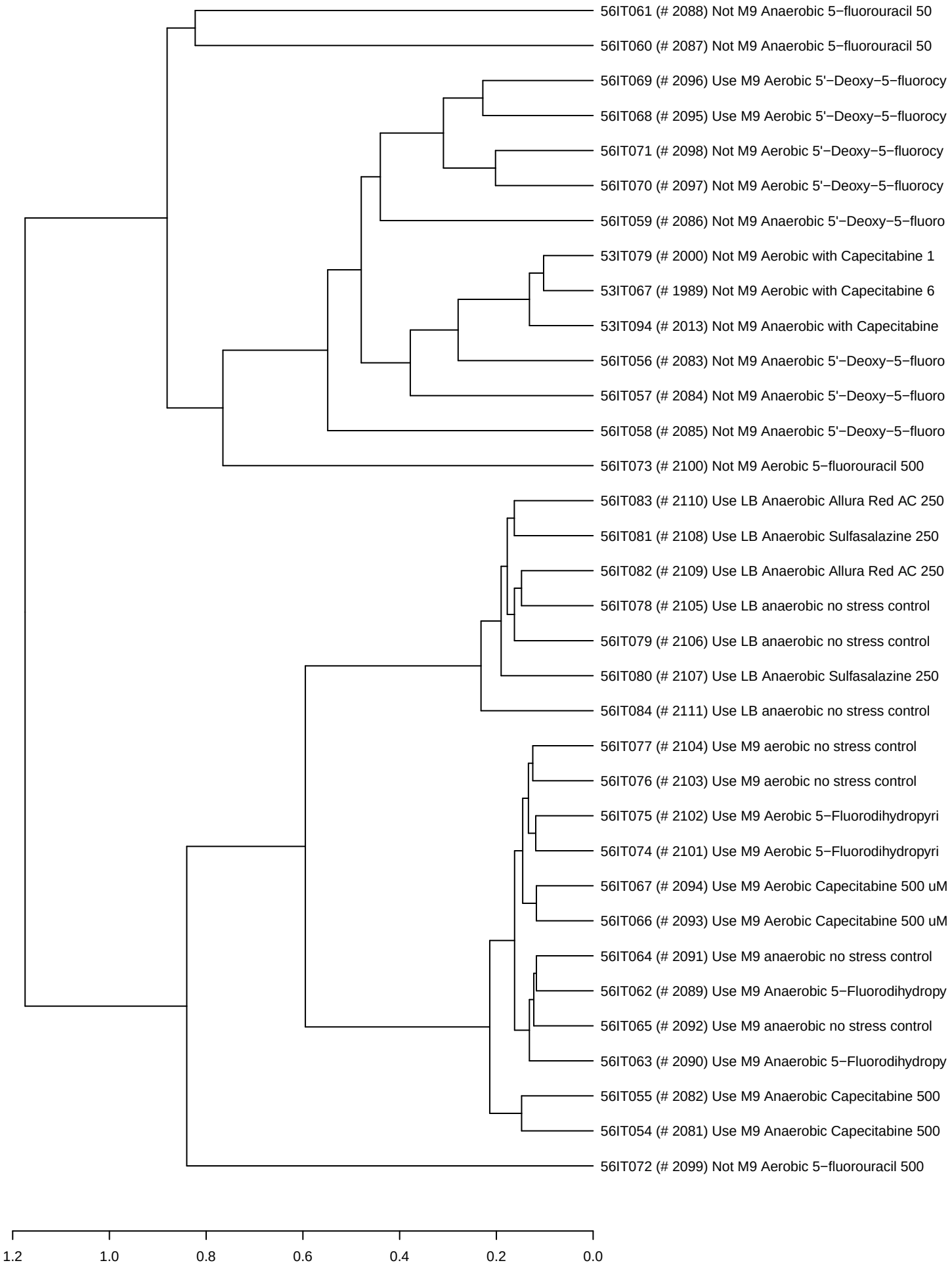


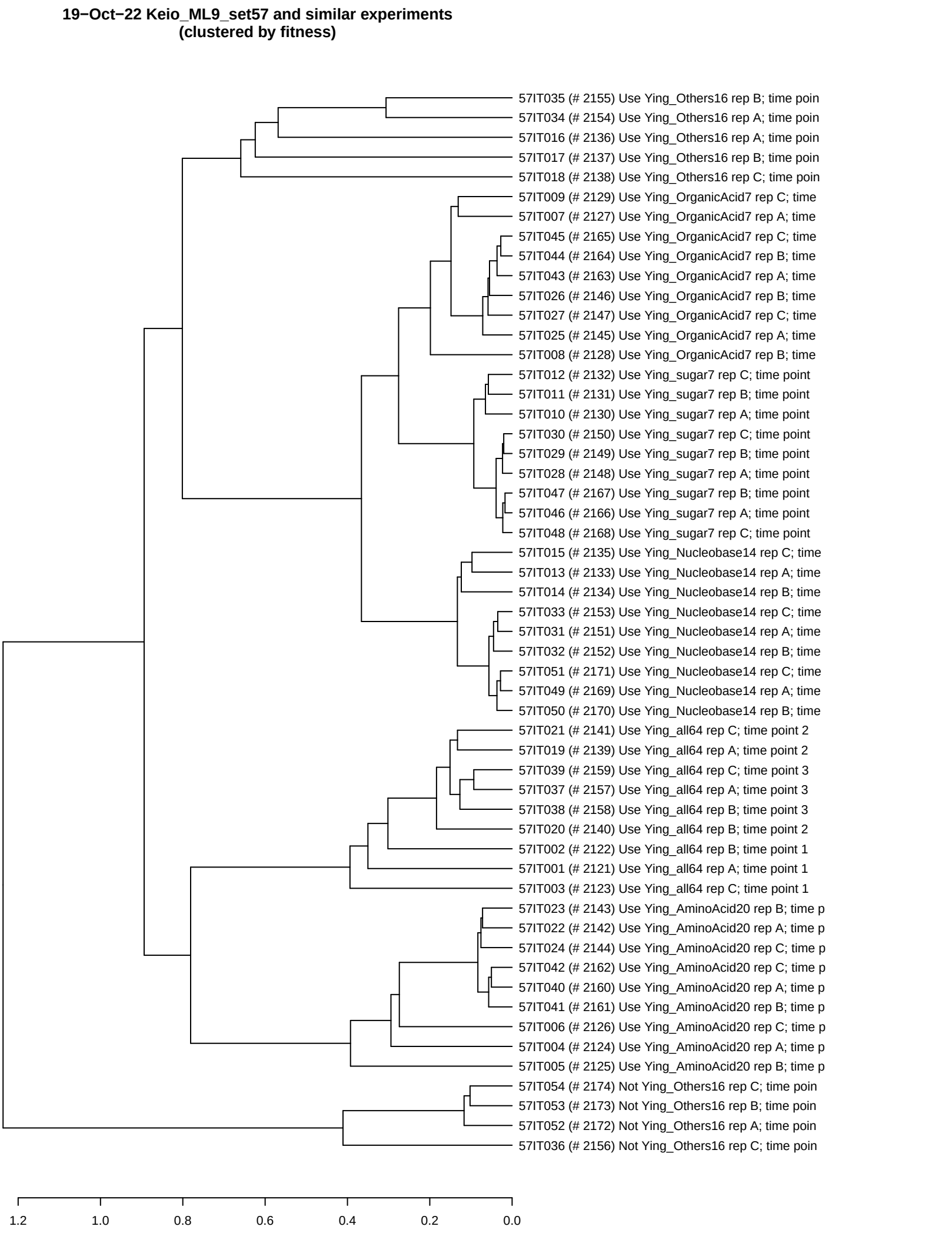
7/6/22 Keio_ML9_set55 and similar experiments (clustered by fitness)

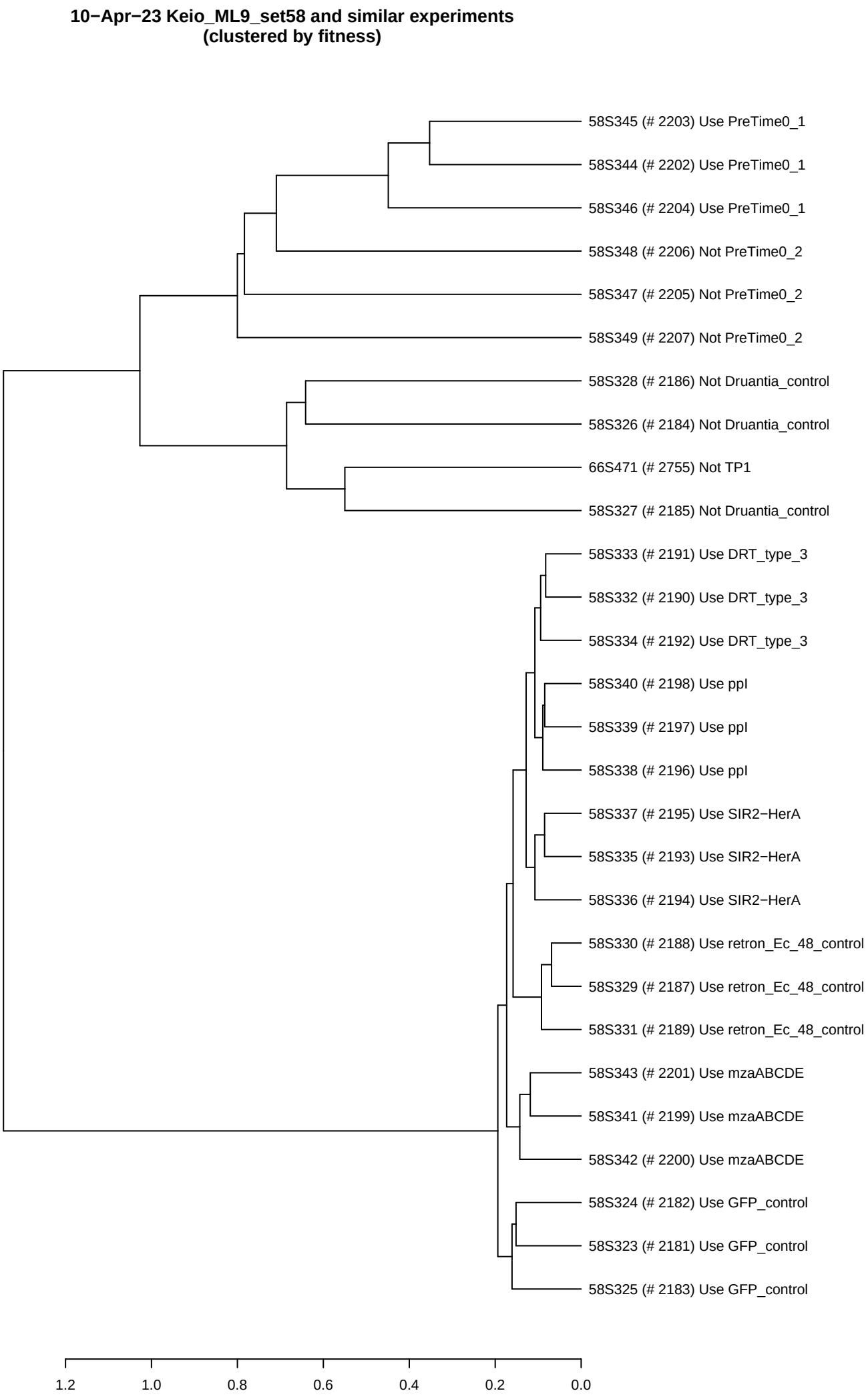


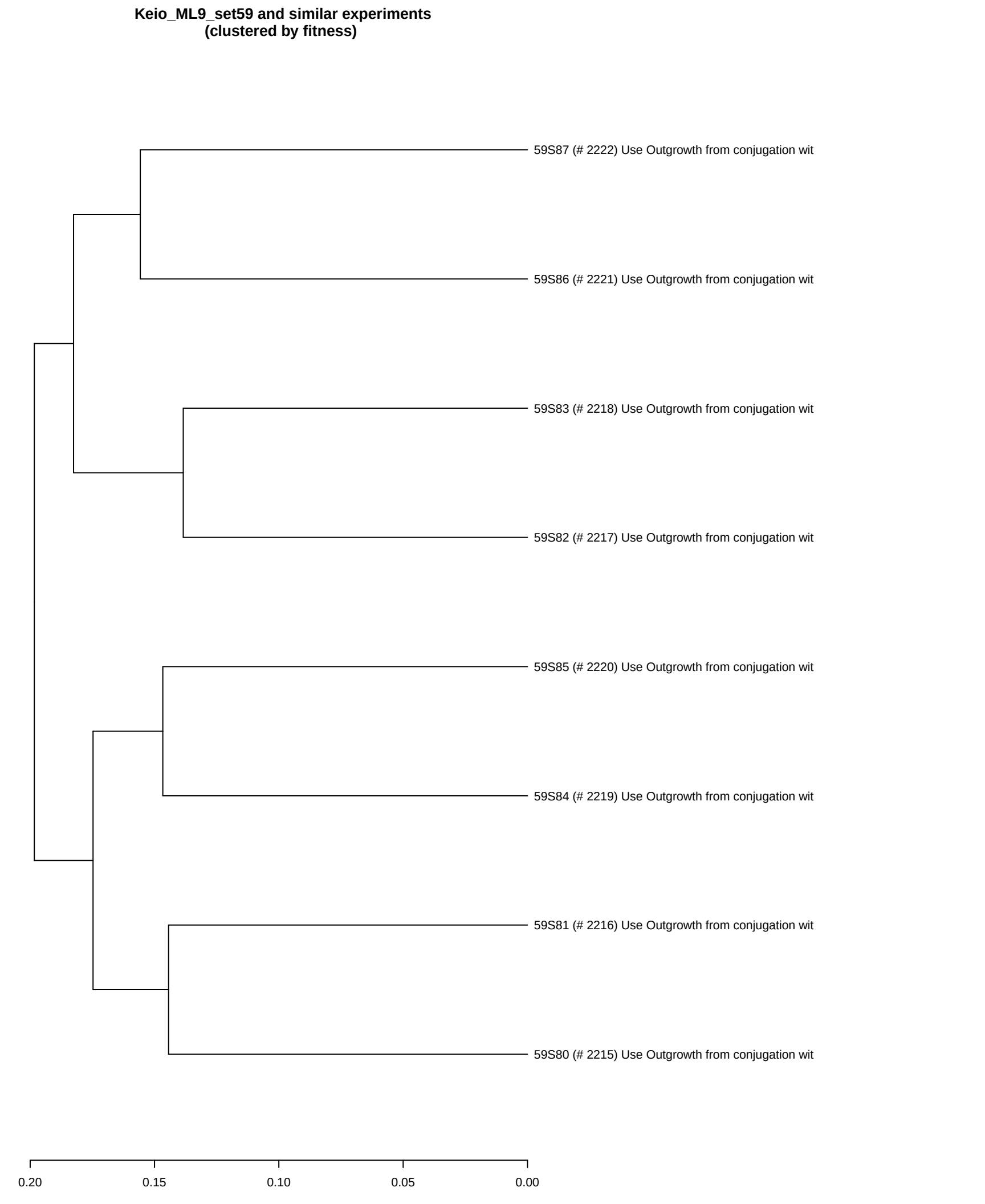

2/8/22 Keio_ML9_set56 and similar experiments
(clustered by fitness)
56IT032 (# 2059) Not M9 Anaerobic 5'−Deoxy−5−fluoro
56IT031 (# 2058) Not M9 Anaerobic 5'−Deoxy−5−fluoro
56IT030 (# 2057) Not M9 Anaerobic 5'−Deoxy−5−fluoro
56IT029 (# 2056) Not M9 Anaerobic 5'−Deoxy−5−fluoro
56IT043 (# 2070) Not M9 Aerobic 5'−Deoxy−5−fluorocy
56IT044 (# 2071) Not M9 Aerobic 5'−Deoxy−5−fluorocy
56IT042 (# 2069) Not M9 Aerobic 5'−Deoxy−5−fluorocy
56IT041 (# 2068) Not M9 Aerobic 5'−Deoxy−5−fluorocy
56IT046 (# 2073) Not M9 Aerobic 5−fluorouracil 5000
56IT045 (# 2072) Not M9 Aerobic 5−fluorouracil 5000
56IT033 (# 2060) Not M9 Anaerobic 5−fluorouracil 50
56IT034 (# 2061) Not M9 Anaerobic 5−fluorouracil 50
56IT040 (# 2067) Use M9 Aerobic Capecitabine 5000 u
56IT039 (# 2066) Use M9 Aerobic Capecitabine 5000 u
56IT038 (# 2065) Use M9 anaerobic no stress control
56IT037 (# 2064) Use M9 anaerobic no stress control
56IT036 (# 2063) Use M9 Anaerobic 5−Fluorodihydropy
56IT035 (# 2062) Use M9 Anaerobic 5−Fluorodihydropy
56IT050 (# 2077) Use M9 aerobic no stress control
56IT049 (# 2076) Use M9 aerobic no stress control
56IT048 (# 2075) Use M9 Aerobic 5−Fluorodihydropyri
56IT047 (# 2074) Use M9 Aerobic 5−Fluorodihydropyri
56IT028 (# 2055) Use M9 Anaerobic Capecitabine 5000
56IT027 (# 2054) Use M9 Anaerobic Capecitabine 5000
56IT092 (# 2119) Not LB Anaerobic Simvastatin 240 u
56IT090 (# 2117) Not LB Anaerobic Simvastatin 120 u
56IT091 (# 2118) Not LB Anaerobic Simvastatin 120 u
56IT089 (# 2116) Not LB Anaerobic Simvastatin 60 uM
56IT088 (# 2115) Not LB Anaerobic Simvastatin 60 uM
56IT087 (# 2114) Not LB anaerobic no stress control
56IT086 (# 2113) Not LB anaerobic no stress control
56IT085 (# 2112) Not LB anaerobic no stress control
1.0
0.8
0.6
0.4
0.2
0.0

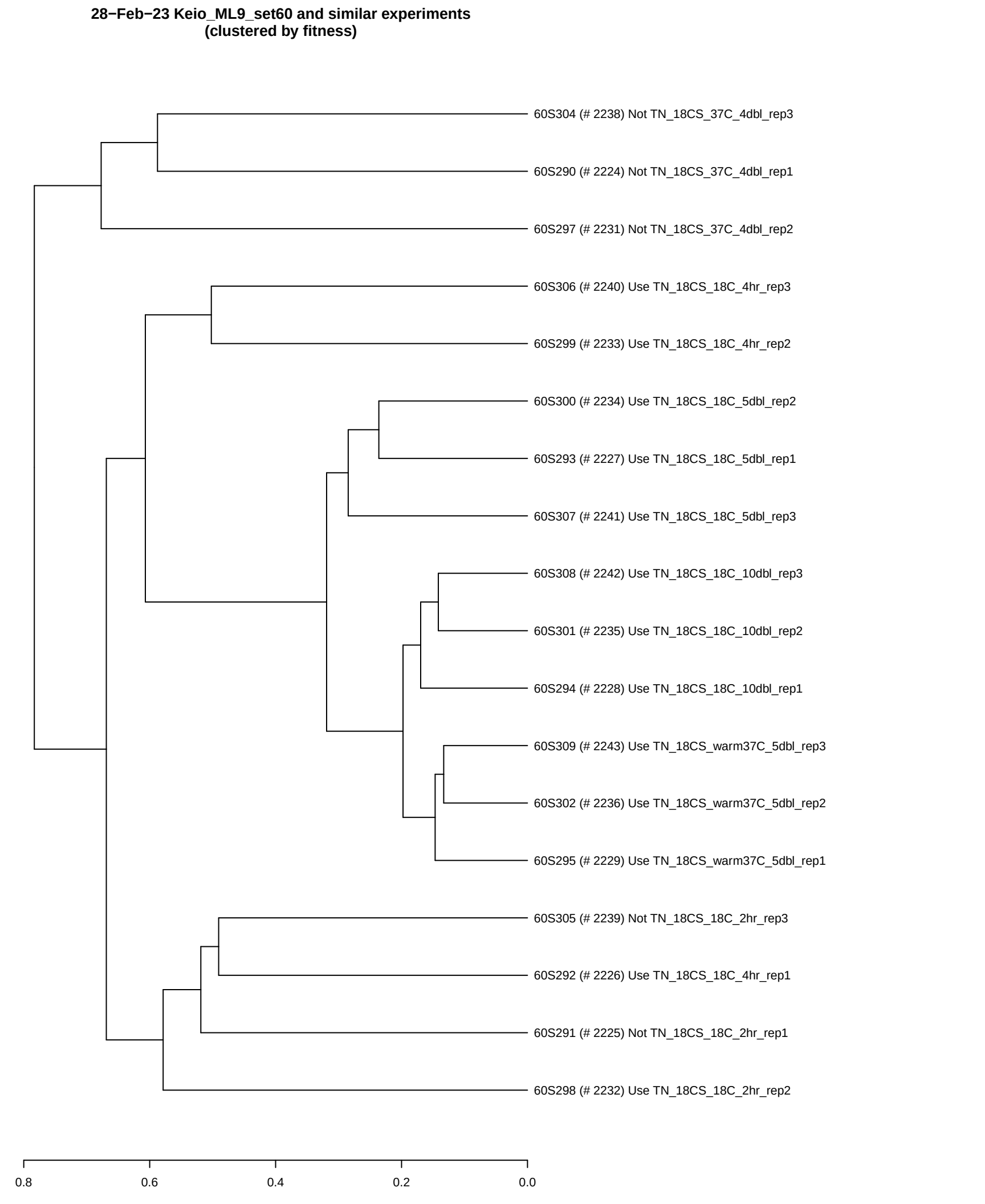
2/15/22 Keio_ML9_set56 and similar experiments (clustered by fitness)



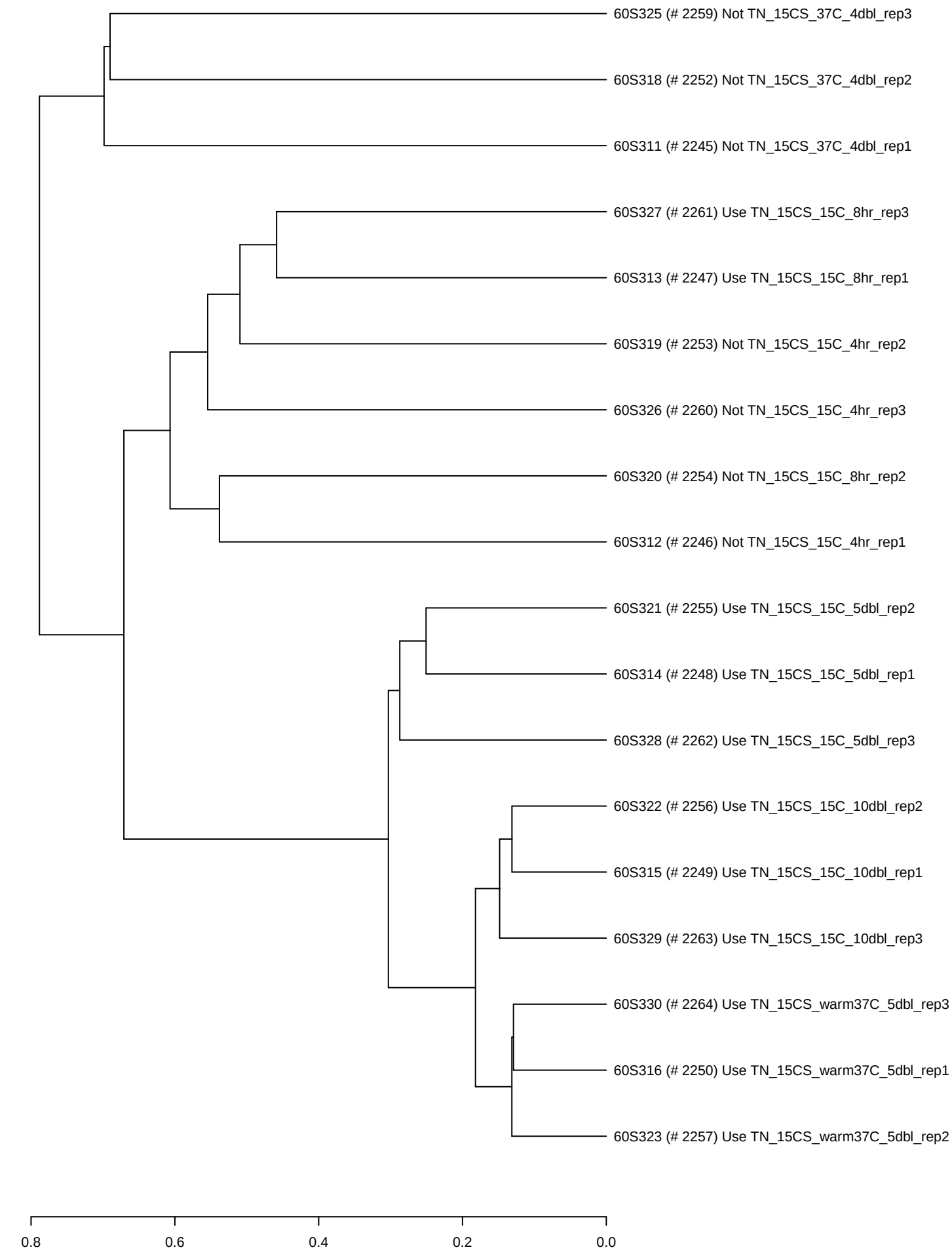

19−Oct−22 Keio_ML9_set57 and similar experiments
(clustered by fitness)
57IT035 (# 2155) Use Ying_Others16 rep B; time poin
57IT034 (# 2154) Use Ying_Others16 rep A; time poin
57IT016 (# 2136) Use Ying_Others16 rep A; time poin
57IT017 (# 2137) Use Ying_Others16 rep B; time poin
57IT018 (# 2138) Use Ying_Others16 rep C; time poin
57IT009 (# 2129) Use Ying_OrganicAcid7 rep C; time
57IT007 (# 2127) Use Ying_OrganicAcid7 rep A; time
57IT045 (# 2165) Use Ying_OrganicAcid7 rep C; time
57IT044 (# 2164) Use Ying_OrganicAcid7 rep B; time
57IT043 (# 2163) Use Ying_OrganicAcid7 rep A; time
57IT026 (# 2146) Use Ying_OrganicAcid7 rep B; time
57IT027 (# 2147) Use Ying_OrganicAcid7 rep C; time
57IT025 (# 2145) Use Ying_OrganicAcid7 rep A; time
57IT008 (# 2128) Use Ying_OrganicAcid7 rep B; time
57IT012 (# 2132) Use Ying_sugar7 rep C; time point
57IT011 (# 2131) Use Ying_sugar7 rep B; time point
57IT010 (# 2130) Use Ying_sugar7 rep A; time point
57IT030 (# 2150) Use Ying_sugar7 rep C; time point
57IT029 (# 2149) Use Ying_sugar7 rep B; time point
57IT028 (# 2148) Use Ying_sugar7 rep A; time point
57IT047 (# 2167) Use Ying_sugar7 rep B; time point
57IT046 (# 2166) Use Ying_sugar7 rep A; time point
57IT048 (# 2168) Use Ying_sugar7 rep C; time point
57IT015 (# 2135) Use Ying_Nucleobase14 rep C; time
57IT013 (# 2133) Use Ying_Nucleobase14 rep A; time
57IT014 (# 2134) Use Ying_Nucleobase14 rep B; time
57IT033 (# 2153) Use Ying_Nucleobase14 rep C; time
57IT031 (# 2151) Use Ying_Nucleobase14 rep A; time
57IT032 (# 2152) Use Ying_Nucleobase14 rep B; time
57IT051 (# 2171) Use Ying_Nucleobase14 rep C; time
57IT049 (# 2169) Use Ying_Nucleobase14 rep A; time
57IT050 (# 2170) Use Ying_Nucleobase14 rep B; time
57IT021 (# 2141) Use Ying_all64 rep C; time point 2
57IT019 (# 2139) Use Ying_all64 rep A; time point 2
57IT039 (# 2159) Use Ying_all64 rep C; time point 3
57IT037 (# 2157) Use Ying_all64 rep A; time point 3
57IT038 (# 2158) Use Ying_all64 rep B; time point 3
57IT020 (# 2140) Use Ying_all64 rep B; time point 2
57IT002 (# 2122) Use Ying_all64 rep B; time point 1
57IT001 (# 2121) Use Ying_all64 rep A; time point 1
57IT003 (# 2123) Use Ying_all64 rep C; time point 1
57IT023 (# 2143) Use Ying_AminoAcid20 rep B; time p
57IT022 (# 2142) Use Ying_AminoAcid20 rep A; time p
57IT024 (# 2144) Use Ying_AminoAcid20 rep C; time p
57IT042 (# 2162) Use Ying_AminoAcid20 rep C; time p
57IT040 (# 2160) Use Ying_AminoAcid20 rep A; time p
57IT041 (# 2161) Use Ying_AminoAcid20 rep B; time p
57IT006 (# 2126) Use Ying_AminoAcid20 rep C; time p
57IT004 (# 2124) Use Ying_AminoAcid20 rep A; time p
57IT005 (# 2125) Use Ying_AminoAcid20 rep B; time p
57IT054 (# 2174) Not Ying_Others16 rep C; time poin
57IT053 (# 2173) Not Ying_Others16 rep B; time poin
57IT052 (# 2172) Not Ying_Others16 rep A; time poin
57IT036 (# 2156) Not Ying_Others16 rep C; time poin
1.2
1.0
0.8
0.6
0.4
0.2
0.0


10−Apr−23 Keio_ML9_set58 and similar experiments
(clustered by fitness)
58S345 (# 2203) Use PreTime0_1
58S344 (# 2202) Use PreTime0_1
58S346 (# 2204) Use PreTime0_1
58S348 (# 2206) Not PreTime0_2
58S347 (# 2205) Not PreTime0_2
58S349 (# 2207) Not PreTime0_2
58S328 (# 2186) Not Druantia_control
58S326 (# 2184) Not Druantia_control
66S471 (# 2755) Not TP1
58S327 (# 2185) Not Druantia_control
58S333 (# 2191) Use DRT_type_3
58S332 (# 2190) Use DRT_type_3
58S334 (# 2192) Use DRT_type_3
58S340 (# 2198) Use ppI
58S339 (# 2197) Use ppI
58S338 (# 2196) Use ppI
58S337 (# 2195) Use SIR2−HerA
58S335 (# 2193) Use SIR2−HerA
58S336 (# 2194) Use SIR2−HerA
58S330 (# 2188) Use retron_Ec_48_control
58S329 (# 2187) Use retron_Ec_48_control
58S331 (# 2189) Use retron_Ec_48_control
58S343 (# 2201) Use mzaABCDE
58S341 (# 2199) Use mzaABCDE
58S342 (# 2200) Use mzaABCDE
58S324 (# 2182) Use GFP_control
58S323 (# 2181) Use GFP_control
58S325 (# 2183) Use GFP_control
1.2
1.0
0.8
0.6
0.4
0.2
0.0


Keio_ML9_set59 and similar experiments
(clustered by fitness)
59S87 (# 2222) Use Outgrowth from conjugation wit
59S86 (# 2221) Use Outgrowth from conjugation wit
59S83 (# 2218) Use Outgrowth from conjugation wit
59S82 (# 2217) Use Outgrowth from conjugation wit
59S85 (# 2220) Use Outgrowth from conjugation wit
59S84 (# 2219) Use Outgrowth from conjugation wit
59S81 (# 2216) Use Outgrowth from conjugation wit
59S80 (# 2215) Use Outgrowth from conjugation wit
0.20
0.15
0.10
0.05
0.00


28−Feb−23 Keio_ML9_set60 and similar experiments
(clustered by fitness)
60S304 (# 2238) Not TN_18CS_37C_4dbl_rep3
60S290 (# 2224) Not TN_18CS_37C_4dbl_rep1
60S297 (# 2231) Not TN_18CS_37C_4dbl_rep2
60S306 (# 2240) Use TN_18CS_18C_4hr_rep3
60S299 (# 2233) Use TN_18CS_18C_4hr_rep2
60S300 (# 2234) Use TN_18CS_18C_5dbl_rep2
60S293 (# 2227) Use TN_18CS_18C_5dbl_rep1
60S307 (# 2241) Use TN_18CS_18C_5dbl_rep3
60S308 (# 2242) Use TN_18CS_18C_10dbl_rep3
60S301 (# 2235) Use TN_18CS_18C_10dbl_rep2
60S294 (# 2228) Use TN_18CS_18C_10dbl_rep1
60S309 (# 2243) Use TN_18CS_warm37C_5dbl_rep3
60S302 (# 2236) Use TN_18CS_warm37C_5dbl_rep2
60S295 (# 2229) Use TN_18CS_warm37C_5dbl_rep1
60S305 (# 2239) Not TN_18CS_18C_2hr_rep3
60S292 (# 2226) Use TN_18CS_18C_4hr_rep1
60S291 (# 2225) Not TN_18CS_18C_2hr_rep1
60S298 (# 2232) Use TN_18CS_18C_2hr_rep2
0.8
0.6
0.4
0.2
0.0

4/30/23 Keio_ML9_set60 and similar experiments (clustered by fitness)

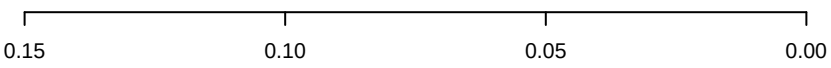


8/3/23 Keio_ML9_set61 and similar experiments (clustered by fitness)

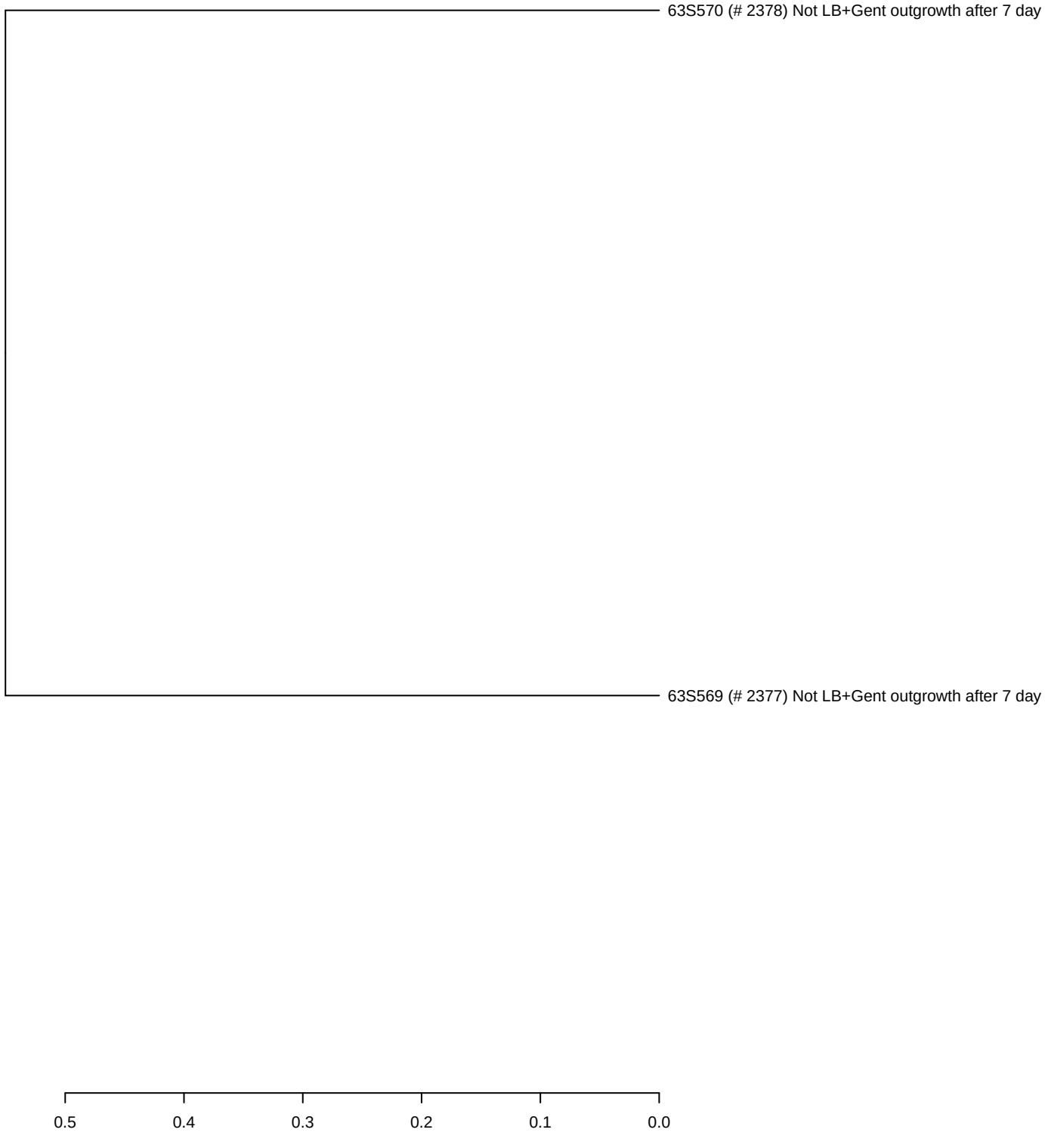
8/7/23 Keio_ML9_set61 and similar experiments (clustered by fitness)

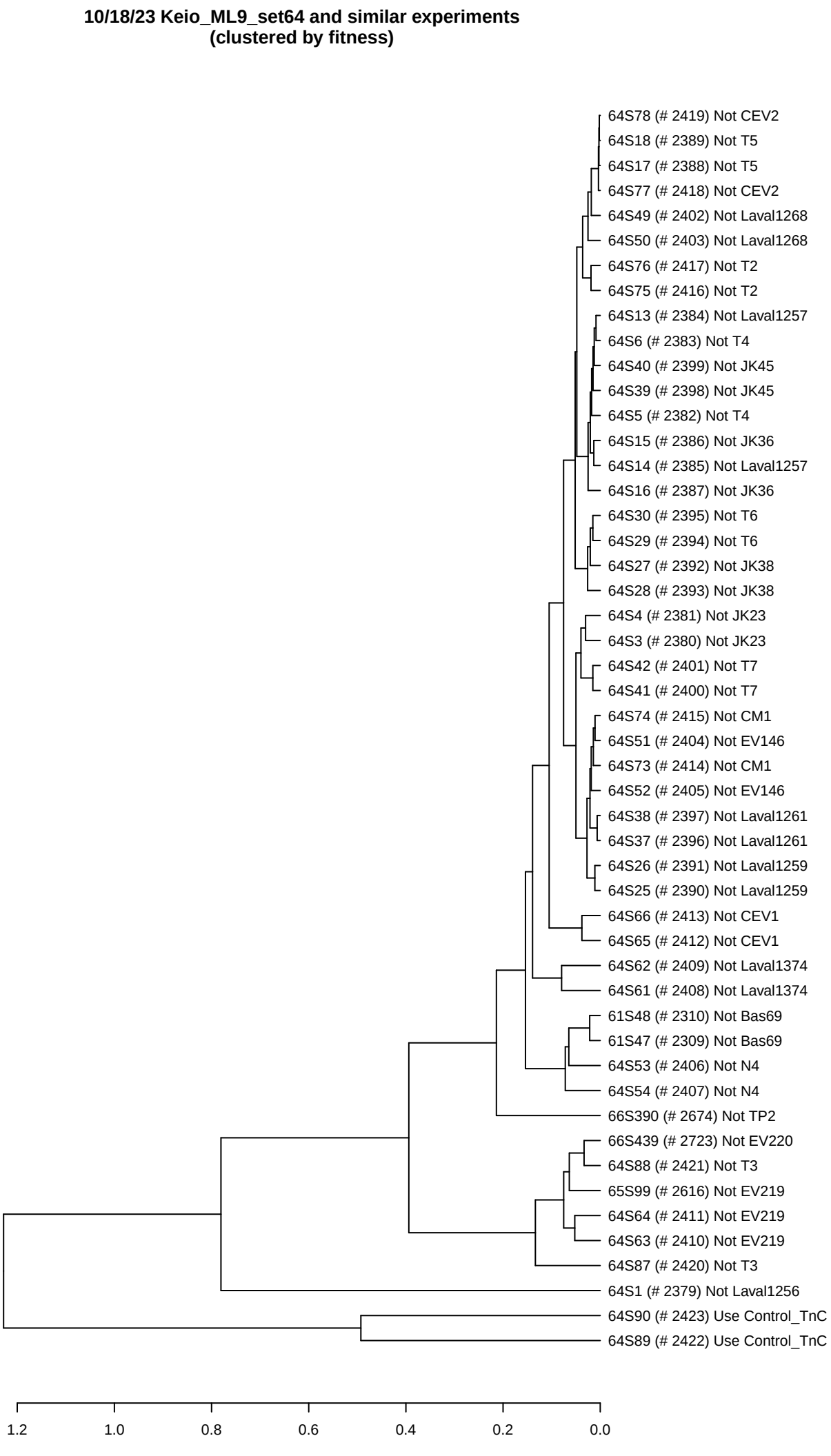
Too few sample for 10/3/23 Keio_ML9_set62

9/22/23 Keio_ML9_set62 and similar experiments (clustered by fitness)

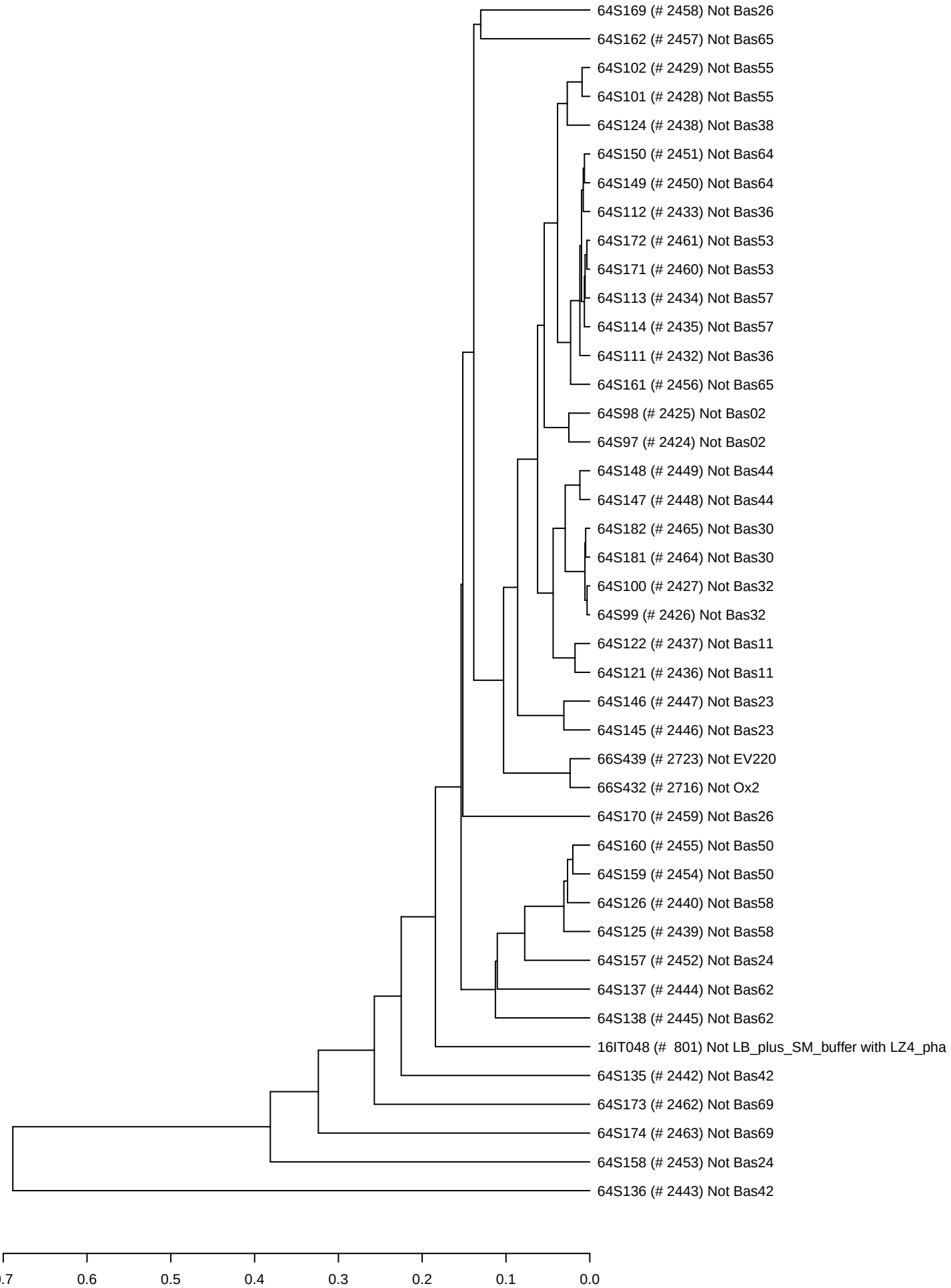


1/3/24 Keio_ML9_set63 and similar experiments (clustered by fitness)

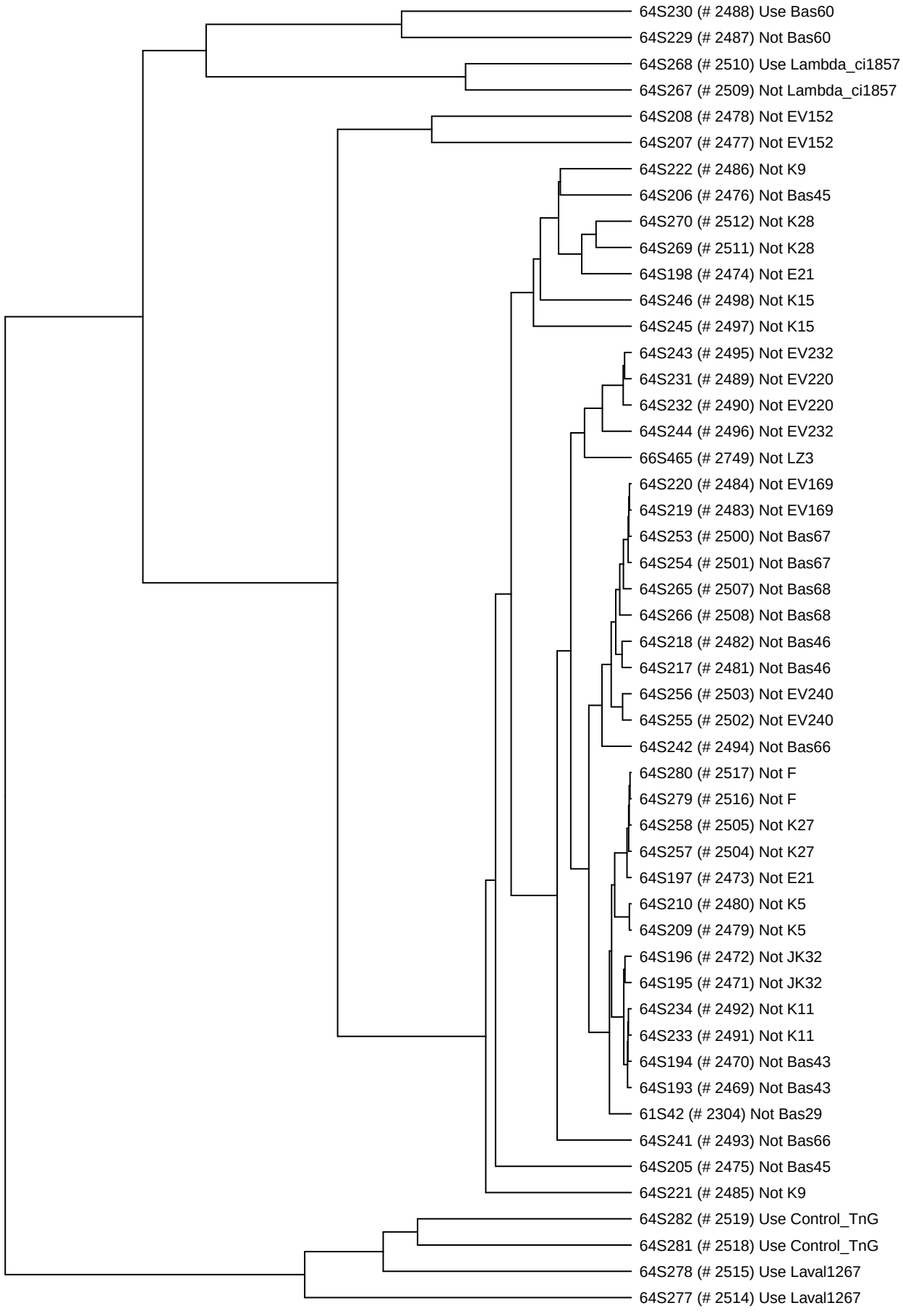



10/18/23 Keio_ML9_set64 and similar experiments
(clustered by fitness)
64S78 (# 2419) Not CEV2
64S18 (# 2389) Not T5
64S17 (# 2388) Not T5
64S77 (# 2418) Not CEV2
64S49 (# 2402) Not Laval1268
64S50 (# 2403) Not Laval1268
64S76 (# 2417) Not T2
64S75 (# 2416) Not T2
64S13 (# 2384) Not Laval1257
64S6 (# 2383) Not T4
64S40 (# 2399) Not JK45
64S39 (# 2398) Not JK45
64S5 (# 2382) Not T4
64S15 (# 2386) Not JK36
64S14 (# 2385) Not Laval1257
64S16 (# 2387) Not JK36
64S30 (# 2395) Not T6
64S29 (# 2394) Not T6
64S27 (# 2392) Not JK38
64S28 (# 2393) Not JK38
64S4 (# 2381) Not JK23
64S3 (# 2380) Not JK23
64S42 (# 2401) Not T7
64S41 (# 2400) Not T7
64S74 (# 2415) Not CM1
64S51 (# 2404) Not EV146
64S73 (# 2414) Not CM1
64S52 (# 2405) Not EV146
64S38 (# 2397) Not Laval1261
64S37 (# 2396) Not Laval1261
64S26 (# 2391) Not Laval1259
64S25 (# 2390) Not Laval1259
64S66 (# 2413) Not CEV1
64S65 (# 2412) Not CEV1
64S62 (# 2409) Not Laval1374
64S61 (# 2408) Not Laval1374
61S48 (# 2310) Not Bas69
61S47 (# 2309) Not Bas69
64S53 (# 2406) Not N4
64S54 (# 2407) Not N4
66S390 (# 2674) Not TP2
66S439 (# 2723) Not EV220
64S88 (# 2421) Not T3
65S99 (# 2616) Not EV219
64S64 (# 2411) Not EV219
64S63 (# 2410) Not EV219
64S87 (# 2420) Not T3
64S1 (# 2379) Not Laval1256
64S90 (# 2423) Use Control_TnC
64S89 (# 2422) Use Control_TnC
1.2
1.0
0.8
0.6
0.4
0.2
0.0

1/19/24 Keio_ML9_set64 and similar experiments (clustered by fitness)

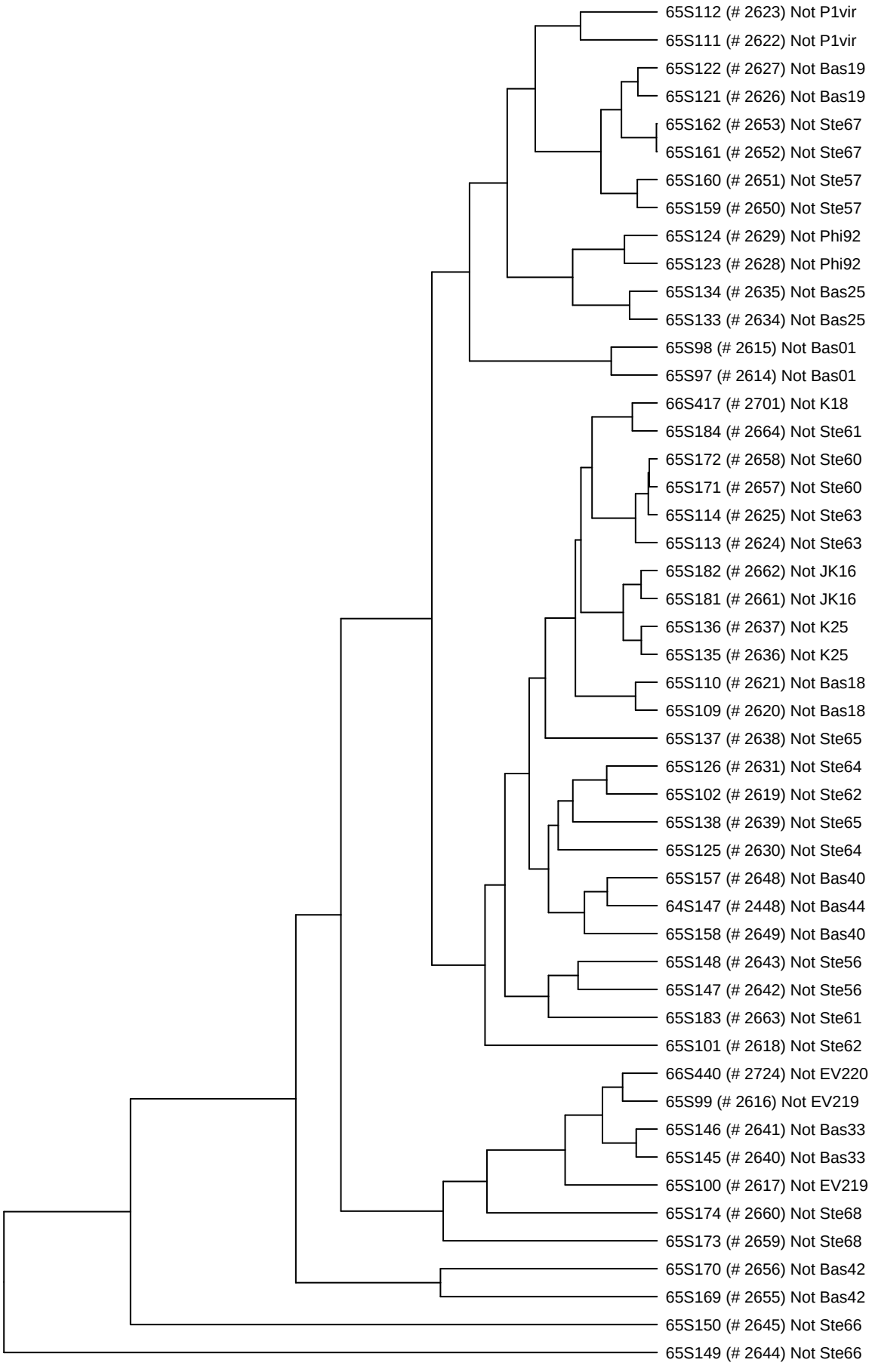


1/29/24 Keio_ML9_set64 and similar experiments (clustered by fitness)

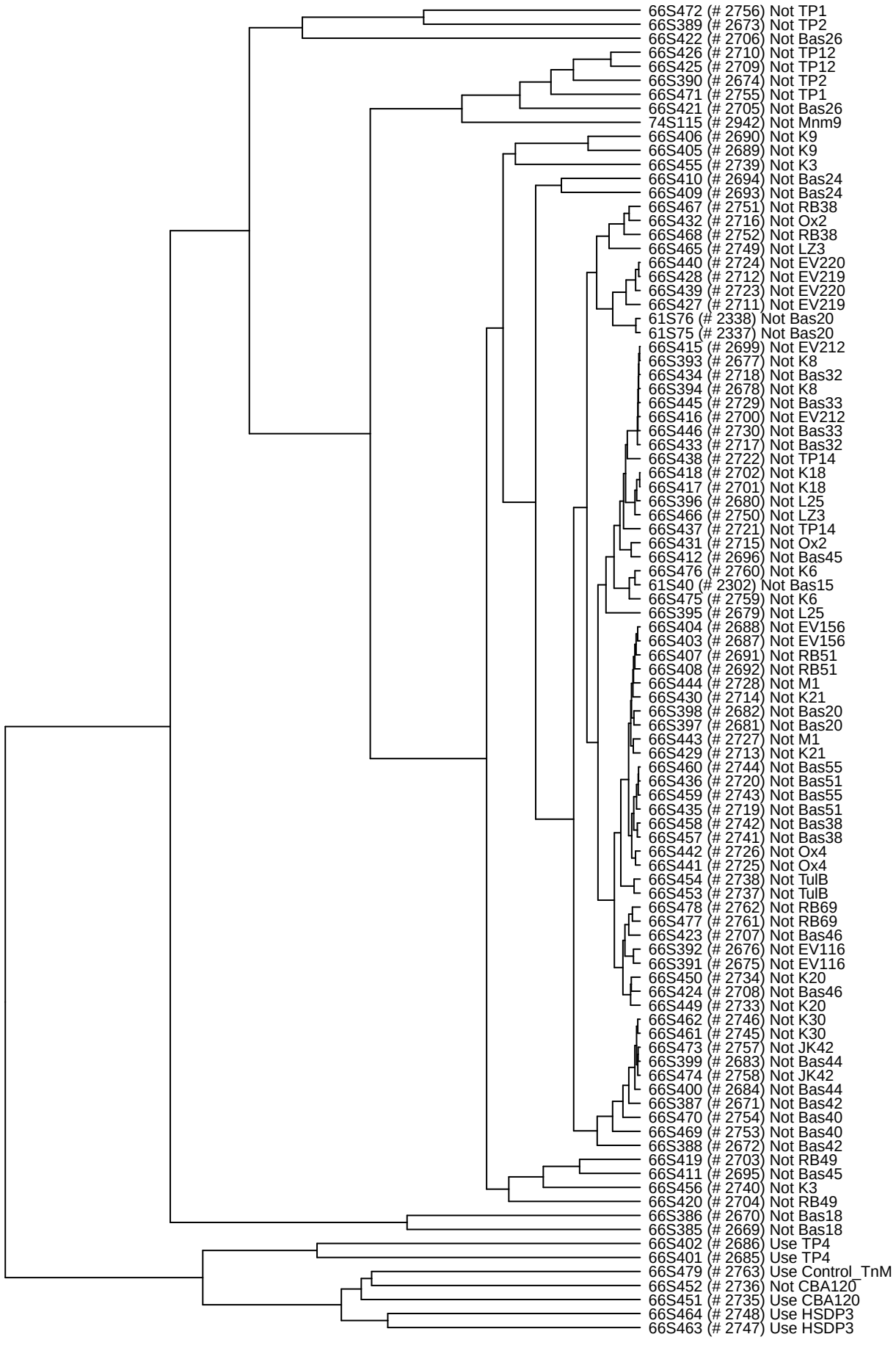


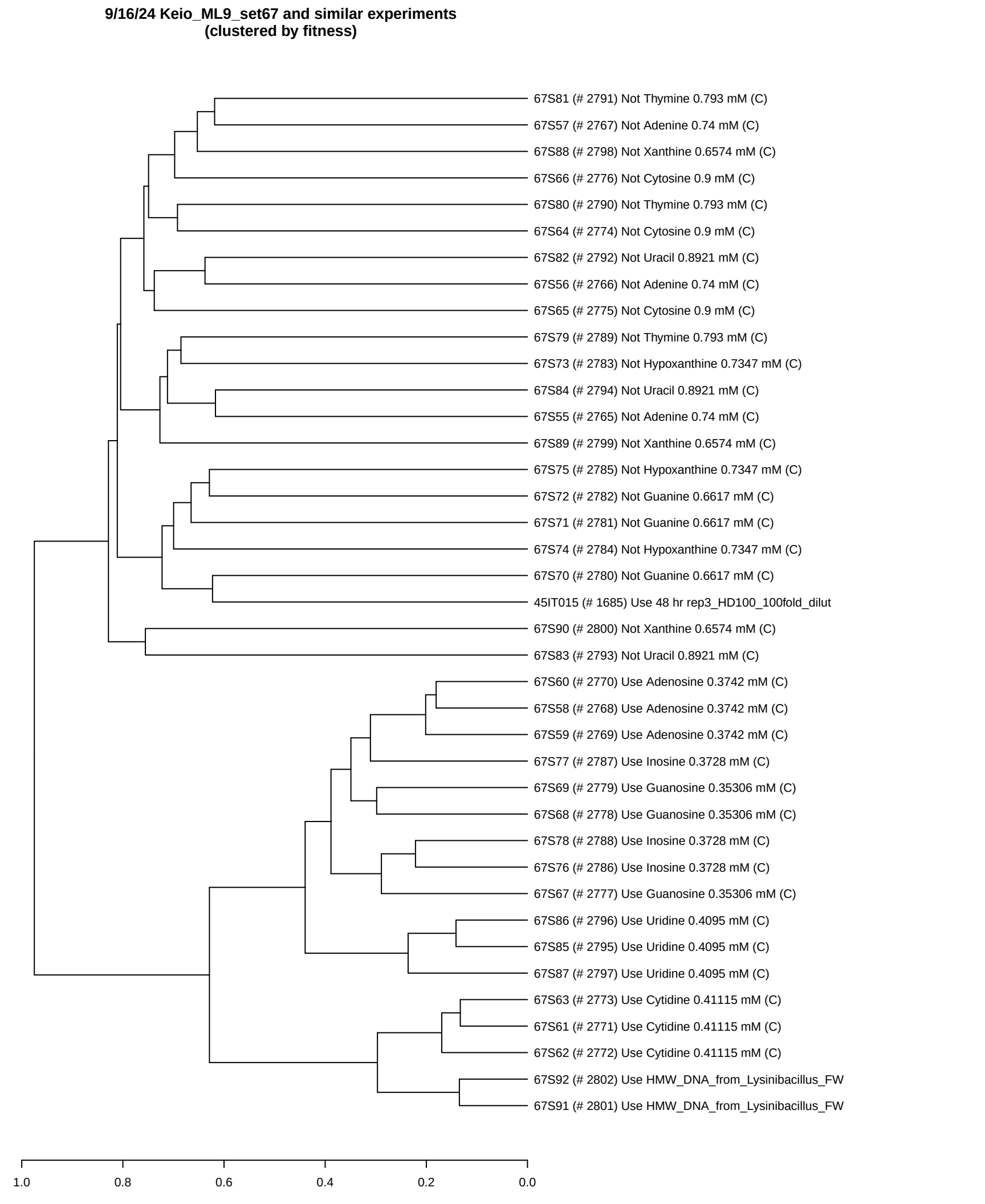
4/1/24 Keio_ML9_set65 and similar experiments (clustered by fitness)

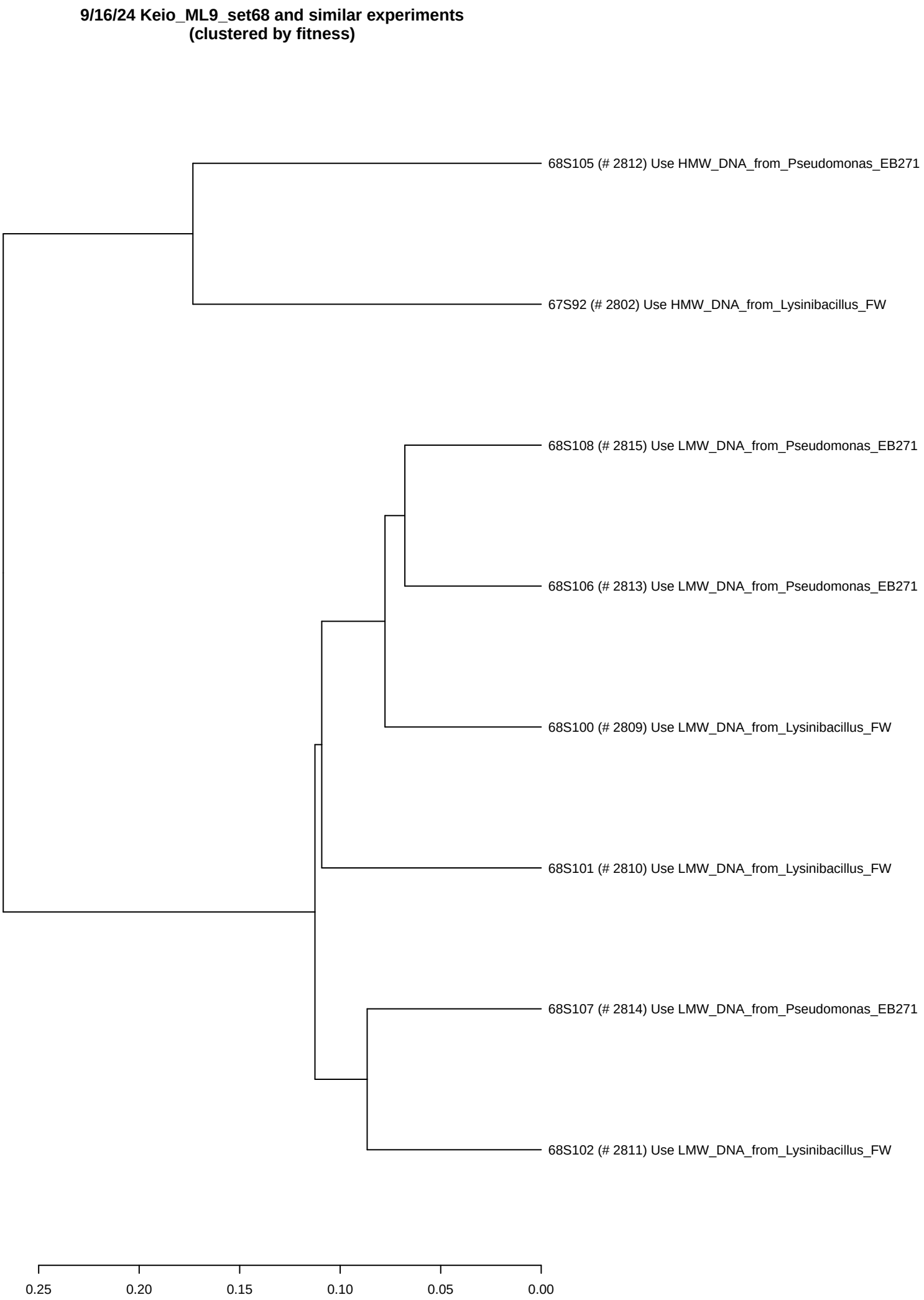
4/11/24 Keio_ML9_set65 and similar experiments (clustered by fitness)



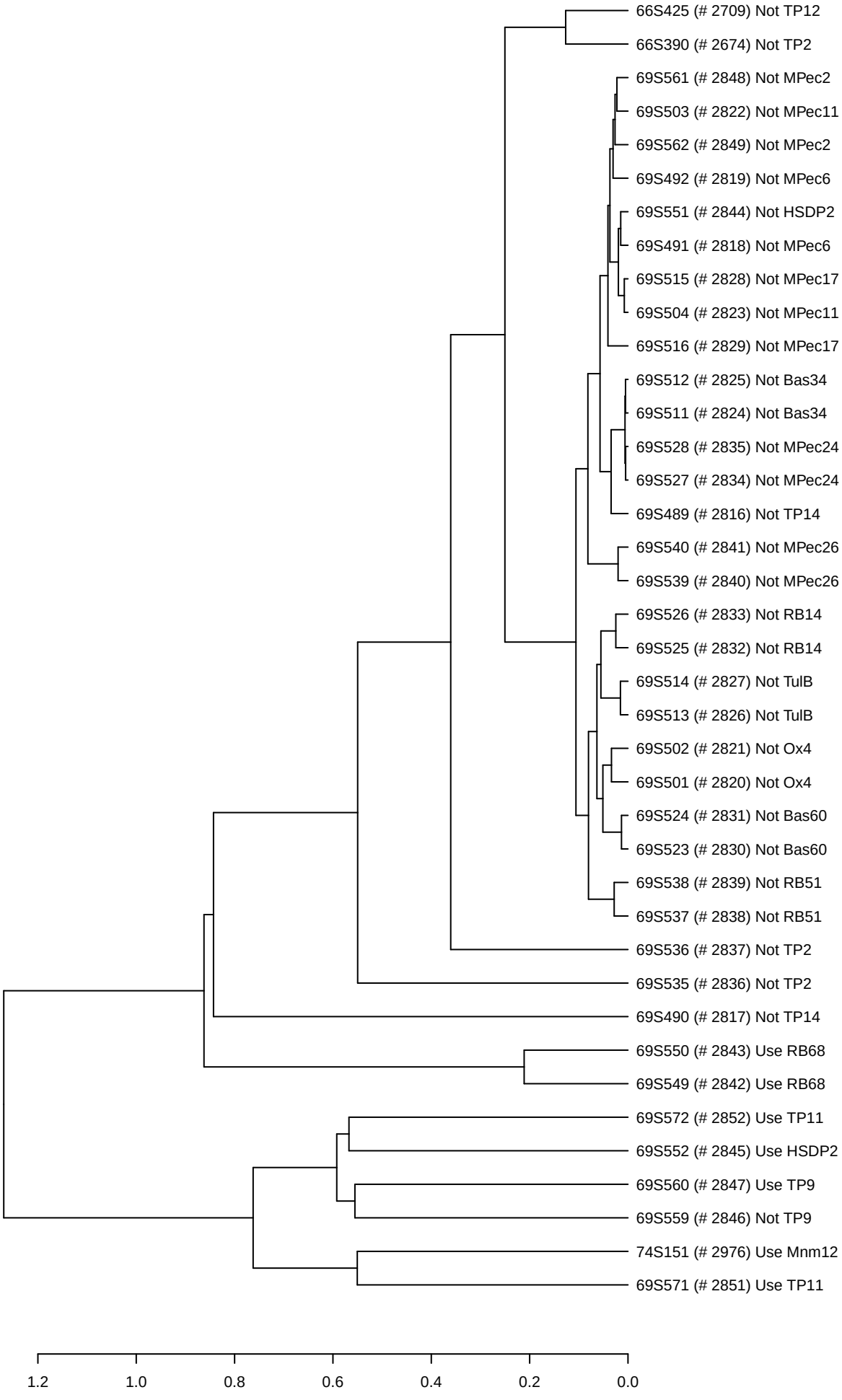
9/3/24 Keio_ML9_set66 and similar experiments (clustered by fitness)




9/16/24 Keio_ML9_set67 and similar experiments
(clustered by fitness)
67S81 (# 2791) Not Thymine 0.793 mM (C)
67S57 (# 2767) Not Adenine 0.74 mM (C)
67S88 (# 2798) Not Xanthine 0.6574 mM (C)
67S66 (# 2776) Not Cytosine 0.9 mM (C)
67S80 (# 2790) Not Thymine 0.793 mM (C)
67S64 (# 2774) Not Cytosine 0.9 mM (C)
67S82 (# 2792) Not Uracil 0.8921 mM (C)
67S56 (# 2766) Not Adenine 0.74 mM (C)
67S65 (# 2775) Not Cytosine 0.9 mM (C)
67S79 (# 2789) Not Thymine 0.793 mM (C)
67S73 (# 2783) Not Hypoxanthine 0.7347 mM (C)
67S84 (# 2794) Not Uracil 0.8921 mM (C)
67S55 (# 2765) Not Adenine 0.74 mM (C)
67S89 (# 2799) Not Xanthine 0.6574 mM (C)
67S75 (# 2785) Not Hypoxanthine 0.7347 mM (C)
67S72 (# 2782) Not Guanine 0.6617 mM (C)
67S71 (# 2781) Not Guanine 0.6617 mM (C)
67S74 (# 2784) Not Hypoxanthine 0.7347 mM (C)
67S70 (# 2780) Not Guanine 0.6617 mM (C)
45IT015 (# 1685) Use 48 hr rep3_HD100_100fold_dilut
67S90 (# 2800) Not Xanthine 0.6574 mM (C)
67S83 (# 2793) Not Uracil 0.8921 mM (C)
67S60 (# 2770) Use Adenosine 0.3742 mM (C)
67S58 (# 2768) Use Adenosine 0.3742 mM (C)
67S59 (# 2769) Use Adenosine 0.3742 mM (C)
67S77 (# 2787) Use Inosine 0.3728 mM (C)
67S69 (# 2779) Use Guanosine 0.35306 mM (C)
67S68 (# 2778) Use Guanosine 0.35306 mM (C)
67S78 (# 2788) Use Inosine 0.3728 mM (C)
67S76 (# 2786) Use Inosine 0.3728 mM (C)
67S67 (# 2777) Use Guanosine 0.35306 mM (C)
67S86 (# 2796) Use Uridine 0.4095 mM (C)
67S85 (# 2795) Use Uridine 0.4095 mM (C)
67S87 (# 2797) Use Uridine 0.4095 mM (C)
67S63 (# 2773) Use Cytidine 0.41115 mM (C)
67S61 (# 2771) Use Cytidine 0.41115 mM (C)
67S62 (# 2772) Use Cytidine 0.41115 mM (C)
67S92 (# 2802) Use HMW_DNA_from_Lysinibacillus_FW
67S91 (# 2801) Use HMW_DNA_from_Lysinibacillus_FW
1.0
0.8
0.6
0.4
0.2
0.0

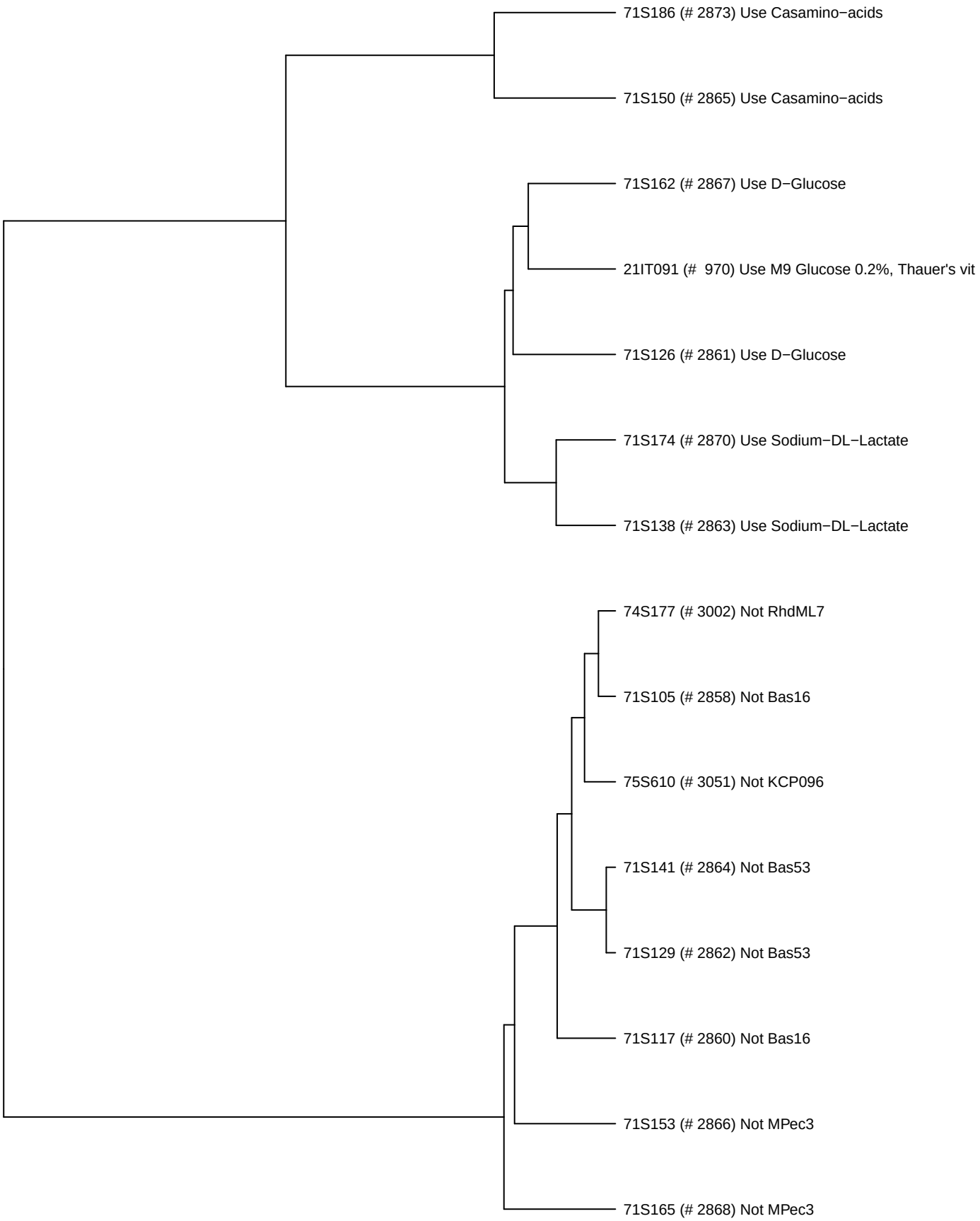

9/16/24 Keio_ML9_set68 and similar experiments
(clustered by fitness)
68S105 (# 2812) Use HMW_DNA_from_Pseudomonas_EB271
67S92 (# 2802) Use HMW_DNA_from_Lysinibacillus_FW
68S108 (# 2815) Use LMW_DNA_from_Pseudomonas_EB271
68S106 (# 2813) Use LMW_DNA_from_Pseudomonas_EB271
68S100 (# 2809) Use LMW_DNA_from_Lysinibacillus_FW
68S101 (# 2810) Use LMW_DNA_from_Lysinibacillus_FW
68S107 (# 2814) Use LMW_DNA_from_Pseudomonas_EB271
68S102 (# 2811) Use LMW_DNA_from_Lysinibacillus_FW
0.25
0.20
0.15
0.10
0.05
0.00

12/4/24 Keio_ML9a_set69 and similar experiments (clustered by fitness)

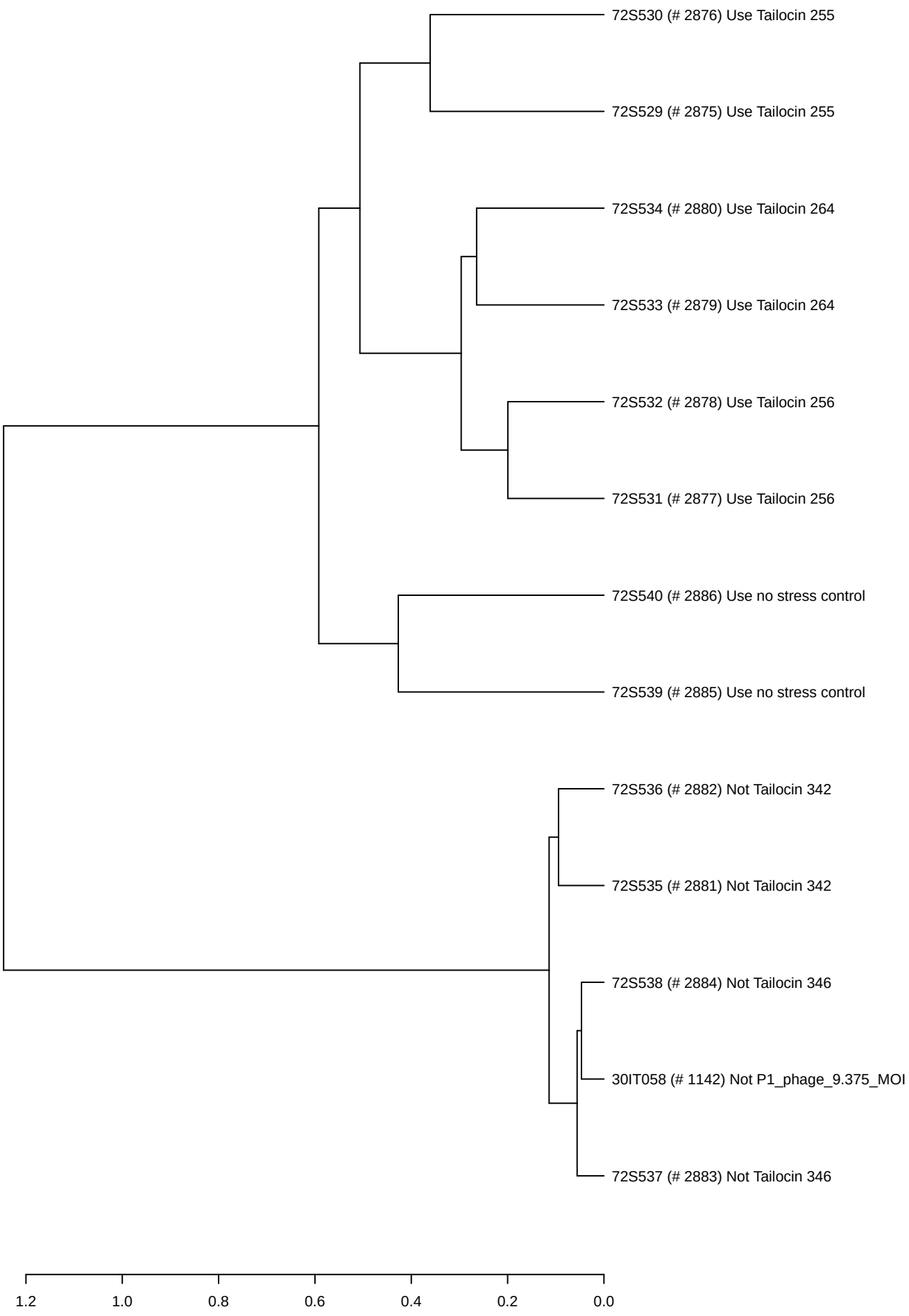


Too few sample for 09/19/2024 Keio_ML9a_set70

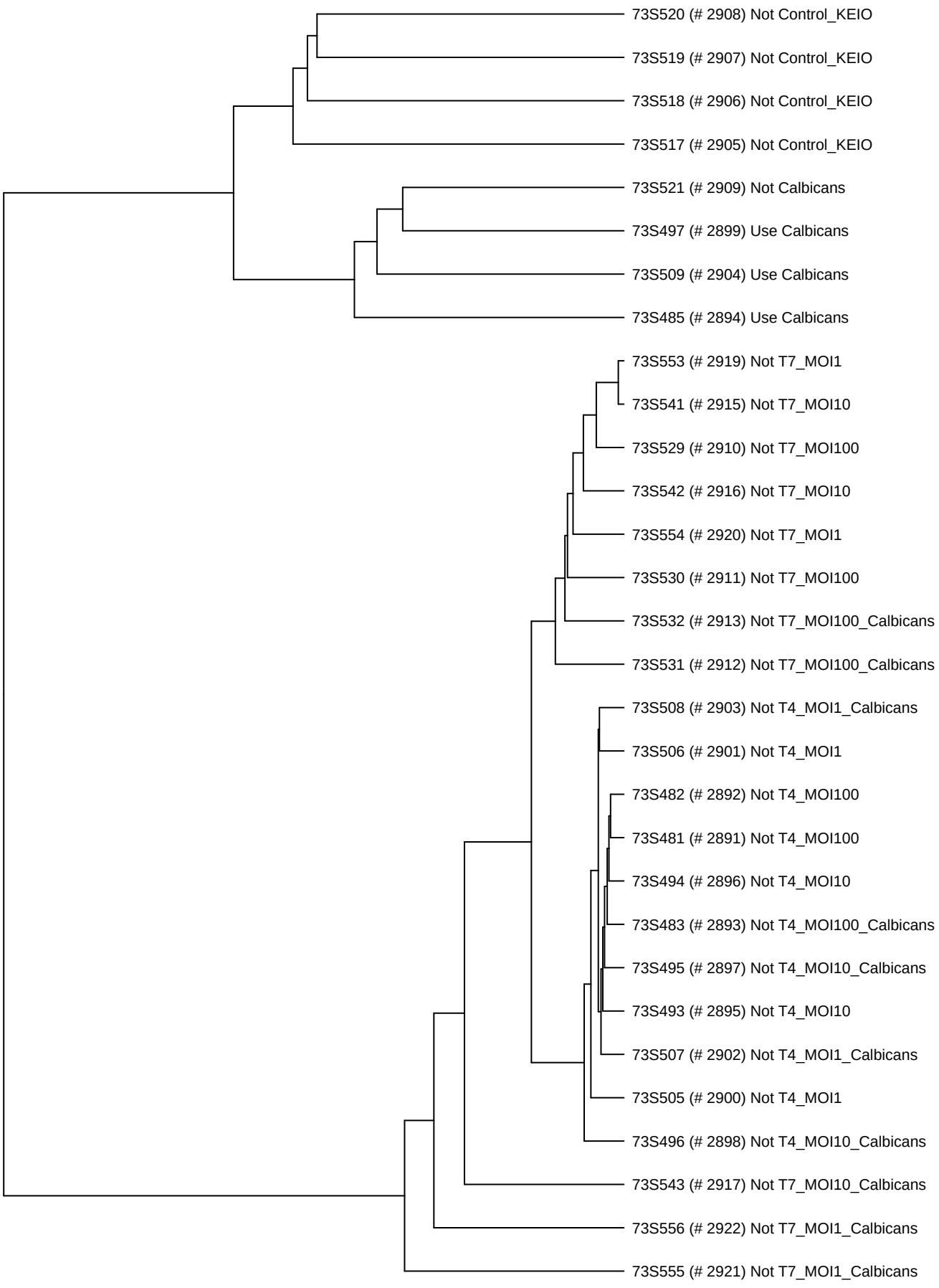
12/16/24 Keio_ML9a_set71 and similar experiments (clustered by fitness)



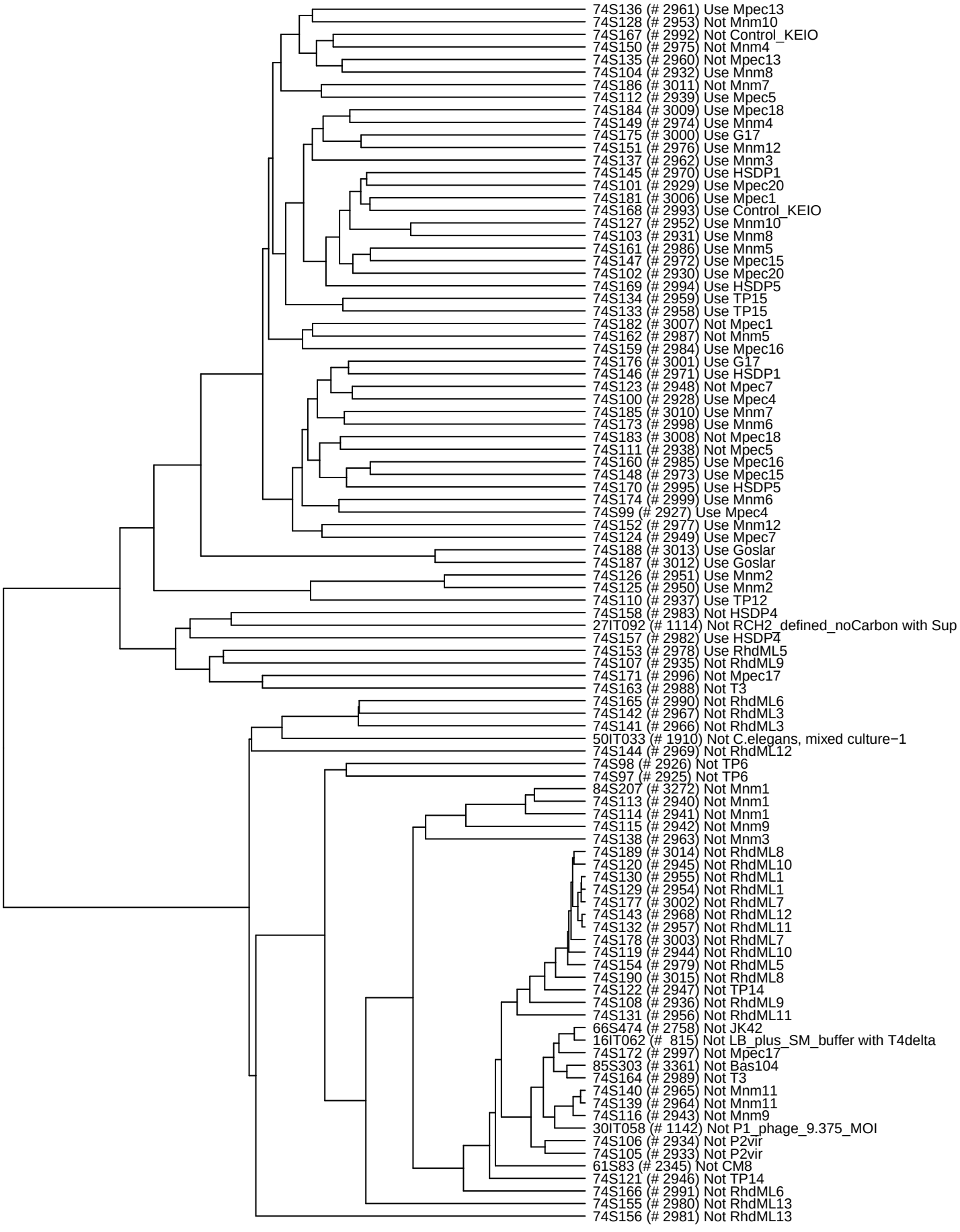
3/10/25 Keio_ML9_set72 and similar experiments (clustered by fitness)

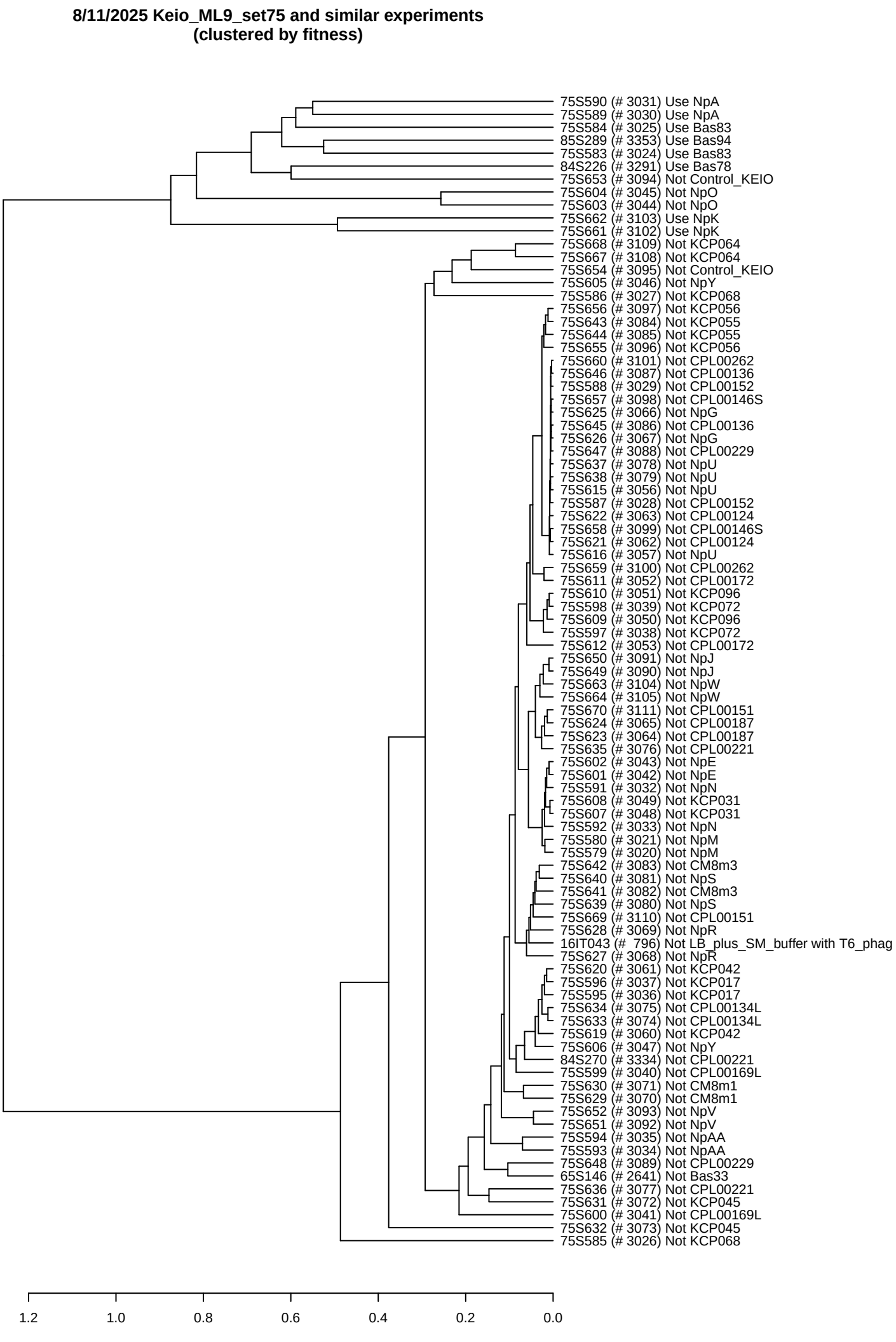


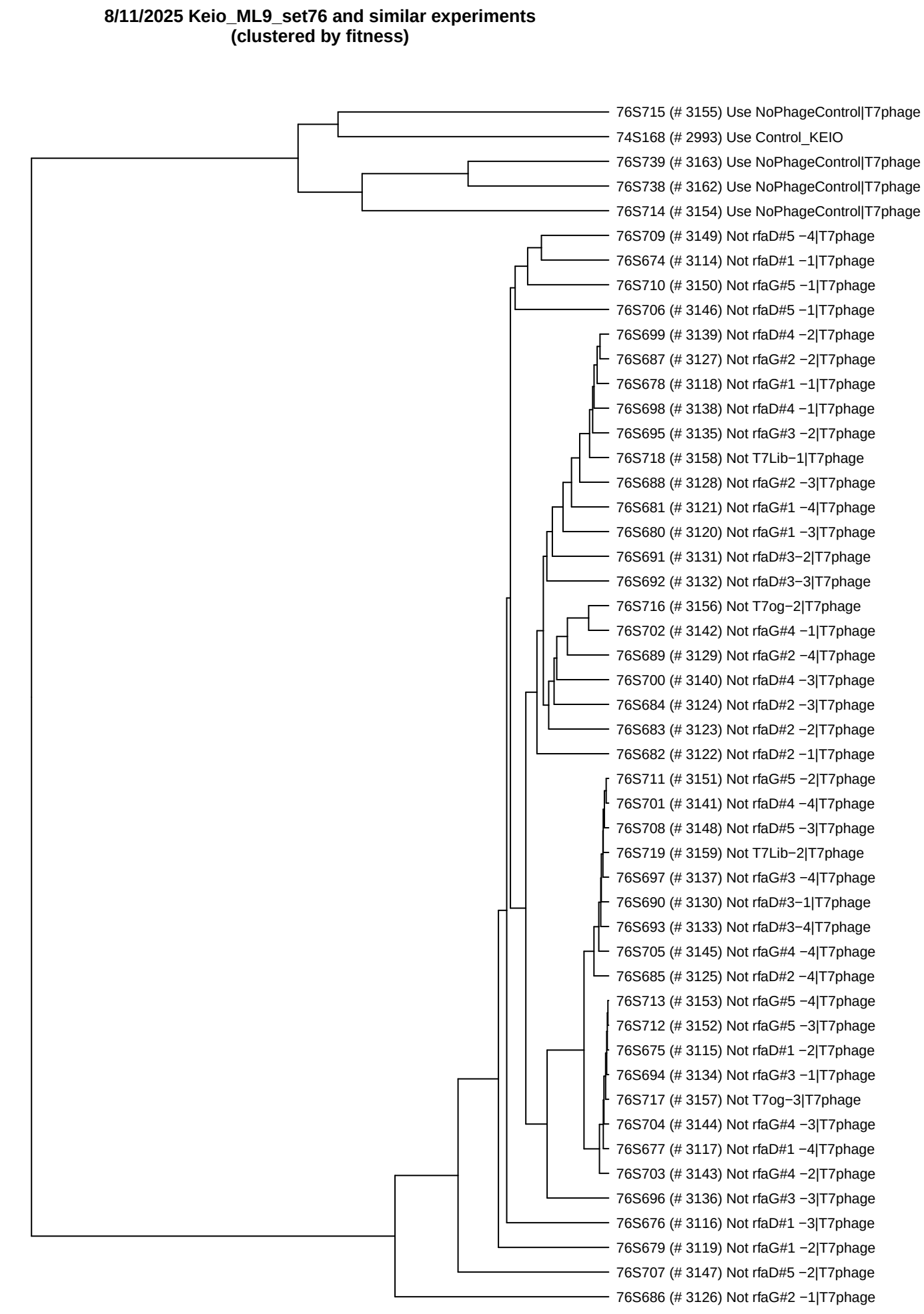
5/22/2025 Keio_ML9a_set73 and similar experiments (clustered by fitness)



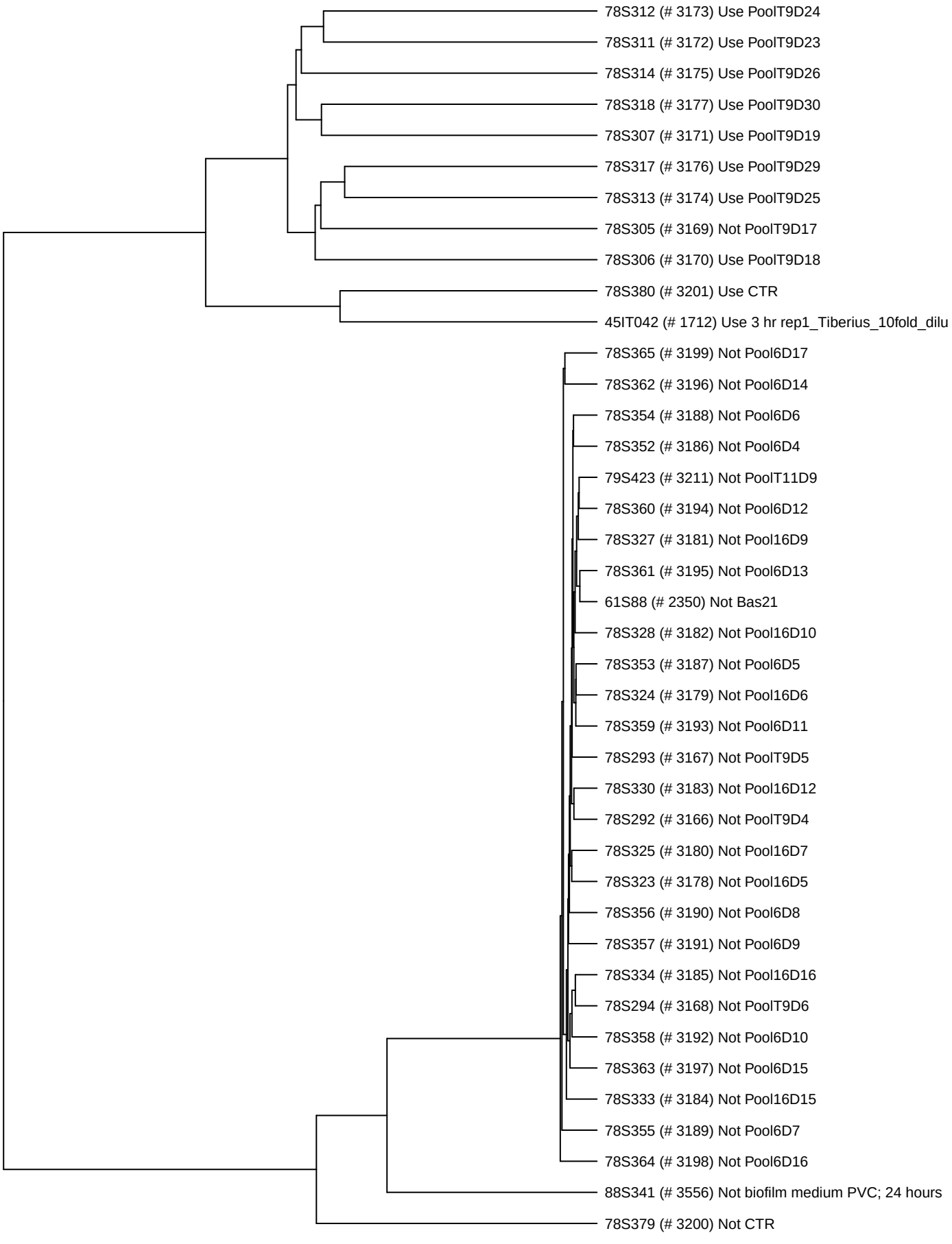
6/6/2025 KEIO_ML9a_set74 and similar experiments (clustered by fitness)

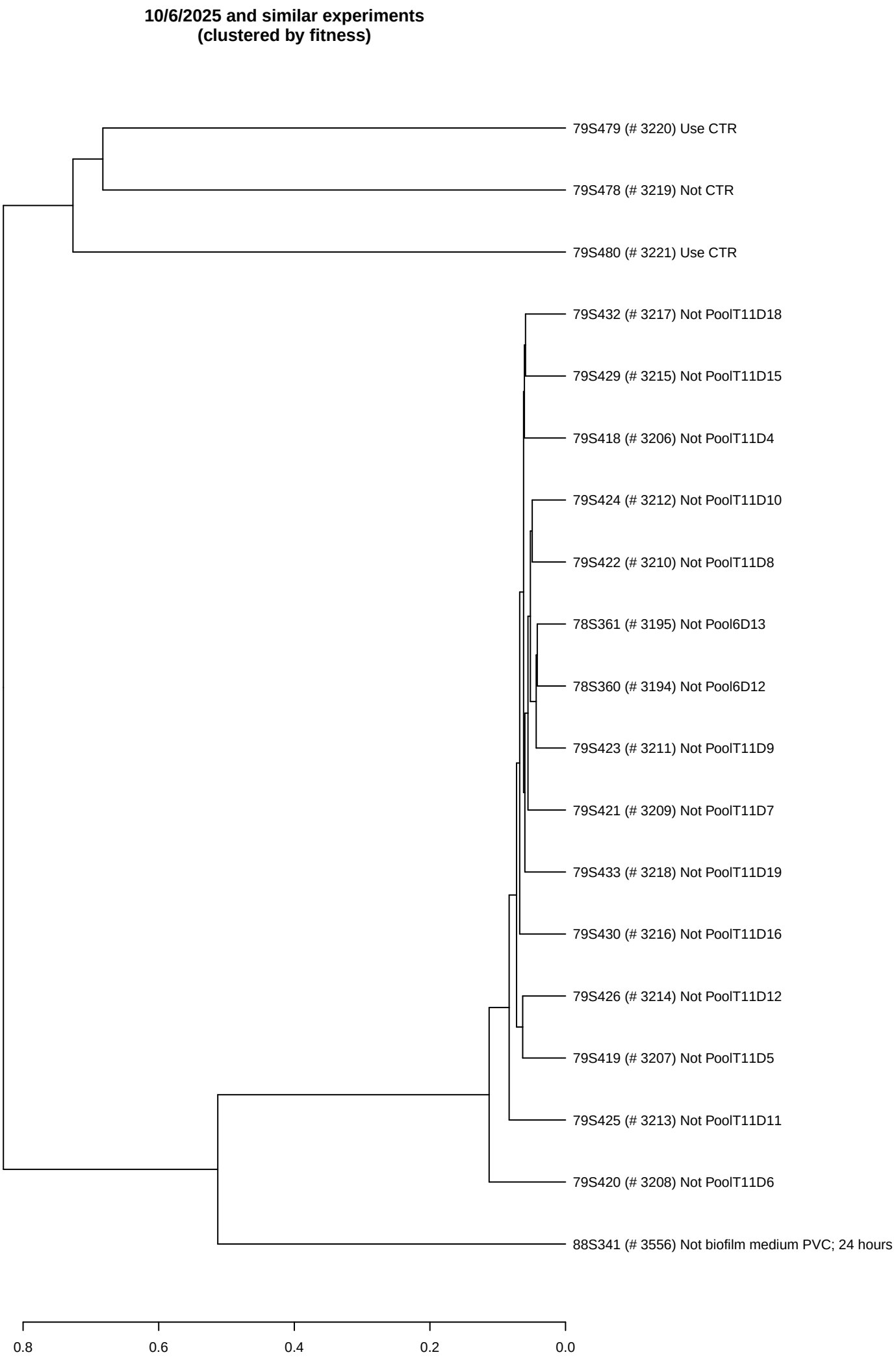



8/11/2025 Keio_ML9_set75 and similar experiments
(clustered by fitness)
75S590 (# 3031) Use NpA
75S589 (# 3030) Use NpA
75S584 (# 3025) Use Bas83
85S289 (# 3353) Use Bas94
75S583 (# 3024) Use Bas83
84S226 (# 3291) Use Bas78
75S653 (# 3094) Not Control_KEIO
75S604 (# 3045) Not NpO
75S603 (# 3044) Not NpO
75S662 (# 3103) Use NpK
75S661 (# 3102) Use NpK
75S668 (# 3109) Not KCP064
75S667 (# 3108) Not KCP064
75S654 (# 3095) Not Control_KEIO
75S605 (# 3046) Not NpY
75S586 (# 3027) Not KCP068
75S656 (# 3097) Not KCP056
75S643 (# 3084) Not KCP055
75S644 (# 3085) Not KCP055
75S655 (# 3096) Not KCP056
75S660 (# 3101) Not CPL00262
75S646 (# 3087) Not CPL00136
75S588 (# 3029) Not CPL00152
75S657 (# 3098) Not CPL00146S
75S625 (# 3066) Not NpG
75S645 (# 3086) Not CPL00136
75S626 (# 3067) Not NpG
75S647 (# 3088) Not CPL00229
75S637 (# 3078) Not NpU
75S638 (# 3079) Not NpU
75S615 (# 3056) Not NpU
75S587 (# 3028) Not CPL00152
75S622 (# 3063) Not CPL00124
75S658 (# 3099) Not CPL00146S
75S621 (# 3062) Not CPL00124
75S616 (# 3057) Not NpU
75S659 (# 3100) Not CPL00262
75S611 (# 3052) Not CPL00172
75S610 (# 3051) Not KCP096
75S598 (# 3039) Not KCP072
75S609 (# 3050) Not KCP096
75S597 (# 3038) Not KCP072
75S612 (# 3053) Not CPL00172
75S650 (# 3091) Not NpJ
75S649 (# 3090) Not NpJ
75S663 (# 3104) Not NpW
75S664 (# 3105) Not NpW
75S670 (# 3111) Not CPL00151
75S624 (# 3065) Not CPL00187
75S623 (# 3064) Not CPL00187
75S635 (# 3076) Not CPL00221
75S602 (# 3043) Not NpE
75S601 (# 3042) Not NpE
75S591 (# 3032) Not NpN
75S608 (# 3049) Not KCP031
75S607 (# 3048) Not KCP031
75S592 (# 3033) Not NpN
75S580 (# 3021) Not NpM
75S579 (# 3020) Not NpM
75S642 (# 3083) Not CM8m3
75S640 (# 3081) Not NpS
75S641 (# 3082) Not CM8m3
75S639 (# 3080) Not NpS
75S669 (# 3110) Not CPL00151
75S628 (# 3069) Not NpR
16IT043 (# 796) Not LB_plus_SM_buffer with T6_phag
75S627 (# 3068) Not NpR
75S620 (# 3061) Not KCP042
75S596 (# 3037) Not KCP017
75S595 (# 3036) Not KCP017
75S634 (# 3075) Not CPL00134L
75S633 (# 3074) Not CPL00134L
75S619 (# 3060) Not KCP042
75S606 (# 3047) Not NpY
84S270 (# 3334) Not CPL00221
75S599 (# 3040) Not CPL00169L
75S630 (# 3071) Not CM8m1
75S629 (# 3070) Not CM8m1
75S652 (# 3093) Not NpV
75S651 (# 3092) Not NpV
75S594 (# 3035) Not NpAA
75S593 (# 3034) Not NpAA
75S648 (# 3089) Not CPL00229
65S146 (# 2641) Not Bas33
75S636 (# 3077) Not CPL00221
75S631 (# 3072) Not KCP045
75S600 (# 3041) Not CPL00169L
75S632 (# 3073) Not KCP045
75S585 (# 3026) Not KCP068
1.2
1.0
0.8
0.6
0.4
0.2
0.0

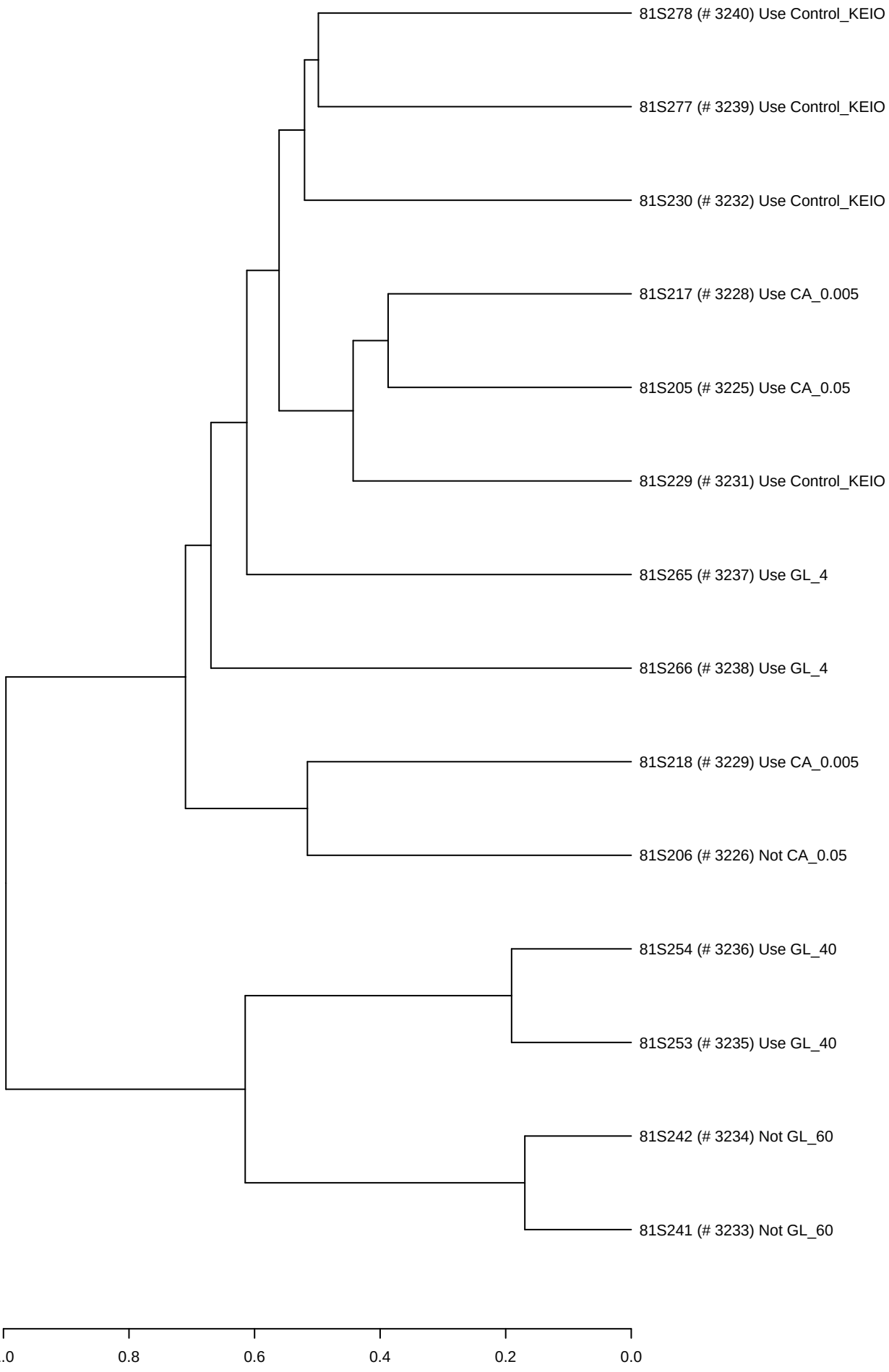

8/11/2025 Keio_ML9_set76 and similar experiments
(clustered by fitness)
76S715 (# 3155) Use NoPhageControl|T7phage
74S168 (# 2993) Use Control_KEIO
76S739 (# 3163) Use NoPhageControl|T7phage
76S738 (# 3162) Use NoPhageControl|T7phage
76S714 (# 3154) Use NoPhageControl|T7phage
76S709 (# 3149) Not rfaD#5 −4|T7phage
76S674 (# 3114) Not rfaD#1 −1|T7phage
76S710 (# 3150) Not rfaG#5 −1|T7phage
76S706 (# 3146) Not rfaD#5 −1|T7phage
76S699 (# 3139) Not rfaD#4 −2|T7phage
76S687 (# 3127) Not rfaG#2 −2|T7phage
76S678 (# 3118) Not rfaG#1 −1|T7phage
76S698 (# 3138) Not rfaD#4 −1|T7phage
76S695 (# 3135) Not rfaG#3 −2|T7phage
76S718 (# 3158) Not T7Lib−1|T7phage
76S688 (# 3128) Not rfaG#2 −3|T7phage
76S681 (# 3121) Not rfaG#1 −4|T7phage
76S680 (# 3120) Not rfaG#1 −3|T7phage
76S691 (# 3131) Not rfaD#3−2|T7phage
76S692 (# 3132) Not rfaD#3−3|T7phage
76S716 (# 3156) Not T7og−2|T7phage
76S702 (# 3142) Not rfaG#4 −1|T7phage
76S689 (# 3129) Not rfaG#2 −4|T7phage
76S700 (# 3140) Not rfaD#4 −3|T7phage
76S684 (# 3124) Not rfaD#2 −3|T7phage
76S683 (# 3123) Not rfaD#2 −2|T7phage
76S682 (# 3122) Not rfaD#2 −1|T7phage
76S711 (# 3151) Not rfaG#5 −2|T7phage
76S701 (# 3141) Not rfaD#4 −4|T7phage
76S708 (# 3148) Not rfaD#5 −3|T7phage
76S719 (# 3159) Not T7Lib−2|T7phage
76S697 (# 3137) Not rfaG#3 −4|T7phage
76S690 (# 3130) Not rfaD#3−1|T7phage
76S693 (# 3133) Not rfaD#3−4|T7phage
76S705 (# 3145) Not rfaG#4 −4|T7phage
76S685 (# 3125) Not rfaD#2 −4|T7phage
76S713 (# 3153) Not rfaG#5 −4|T7phage
76S712 (# 3152) Not rfaG#5 −3|T7phage
76S675 (# 3115) Not rfaD#1 −2|T7phage
76S694 (# 3134) Not rfaG#3 −1|T7phage
76S717 (# 3157) Not T7og−3|T7phage
76S704 (# 3144) Not rfaG#4 −3|T7phage
76S677 (# 3117) Not rfaD#1 −4|T7phage
76S703 (# 3143) Not rfaG#4 −2|T7phage
76S696 (# 3136) Not rfaG#3 −3|T7phage
76S676 (# 3116) Not rfaD#1 −3|T7phage
76S679 (# 3119) Not rfaG#1 −2|T7phage
76S707 (# 3147) Not rfaD#5 −2|T7phage
76S686 (# 3126) Not rfaG#2 −1|T7phage
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

10/6/2025 Keio_ML9_set78 and similar experiments (clustered by fitness)

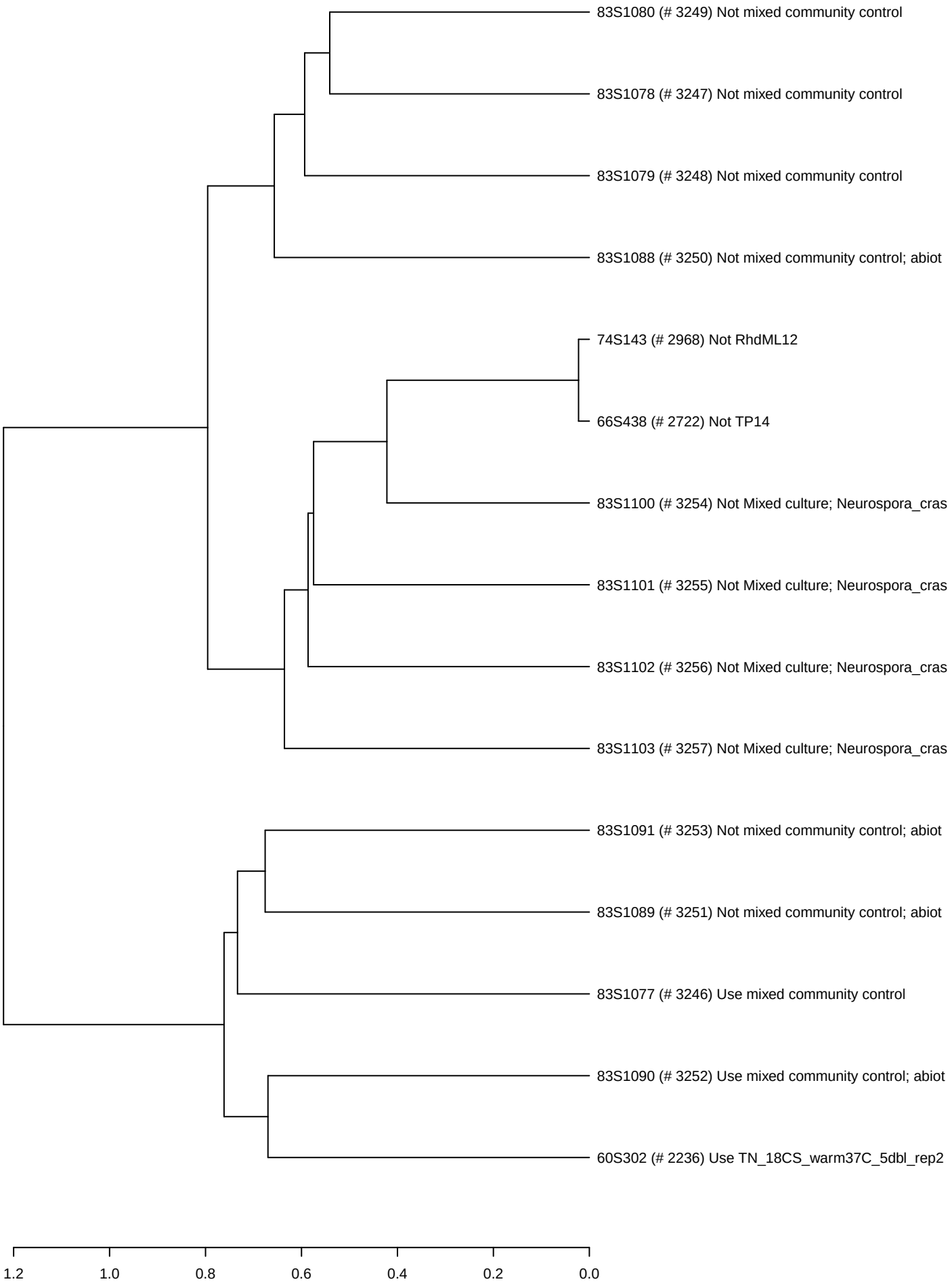



10/6/2025 and similar experiments
(clustered by fitness)
79S479 (# 3220) Use CTR
79S478 (# 3219) Not CTR
79S480 (# 3221) Use CTR
79S432 (# 3217) Not PoolT11D18
79S429 (# 3215) Not PoolT11D15
79S418 (# 3206) Not PoolT11D4
79S424 (# 3212) Not PoolT11D10
79S422 (# 3210) Not PoolT11D8
78S361 (# 3195) Not Pool6D13
78S360 (# 3194) Not Pool6D12
79S423 (# 3211) Not PoolT11D9
79S421 (# 3209) Not PoolT11D7
79S433 (# 3218) Not PoolT11D19
79S430 (# 3216) Not PoolT11D16
79S426 (# 3214) Not PoolT11D12
79S419 (# 3207) Not PoolT11D5
79S425 (# 3213) Not PoolT11D11
79S420 (# 3208) Not PoolT11D6
88S341 (# 3556) Not biofilm medium PVC; 24 hours
0.8
0.6
0.4
0.2
0.0

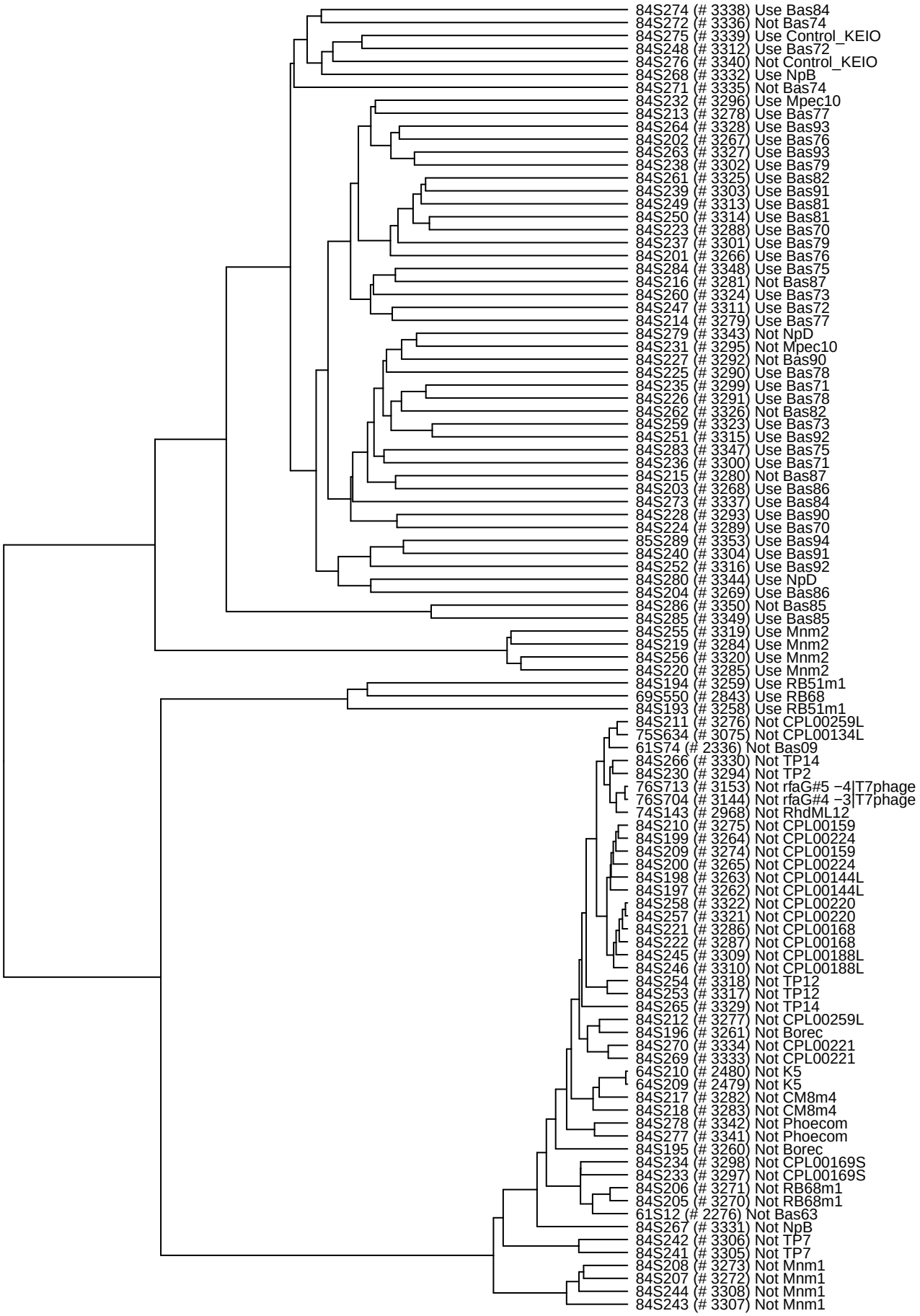
5/17/2025 Keio_ML9_set81 and similar experiments (clustered by fitness)



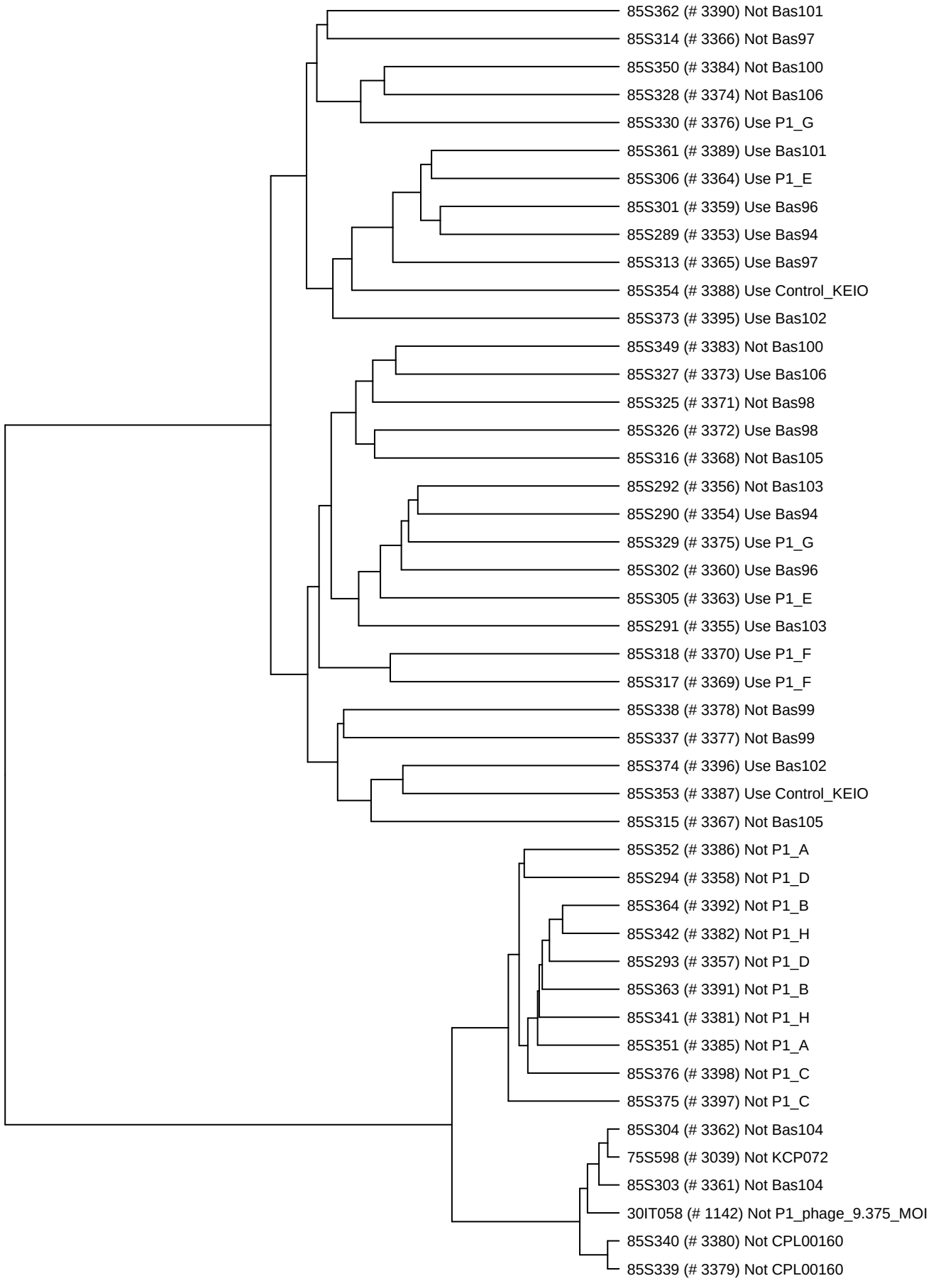
12/1/25 Keio_ML9_set83 and similar experiments (clustered by fitness)



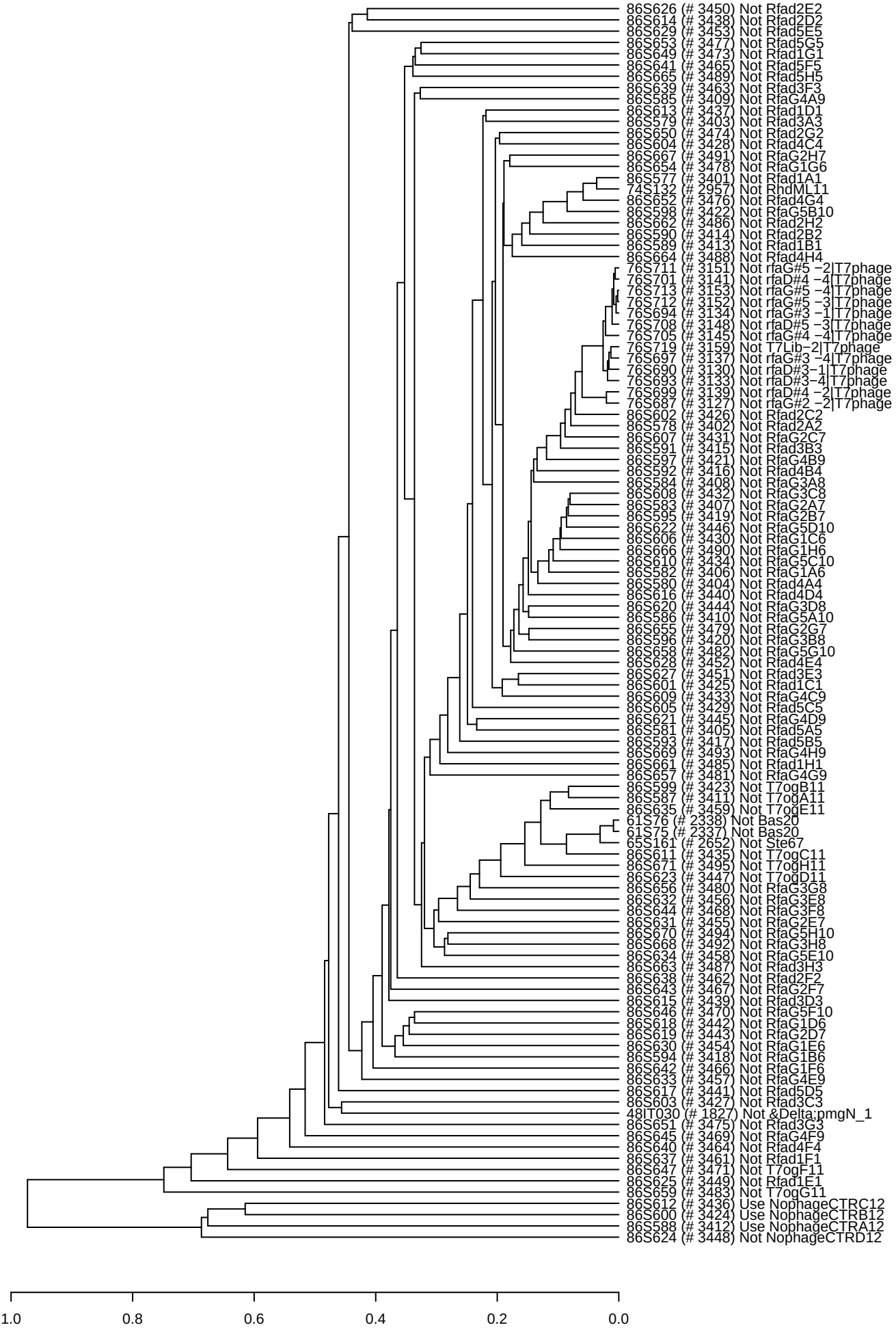
10/30/2025 Keio_ML9_set84 and similar experiments (clustered by fitness)



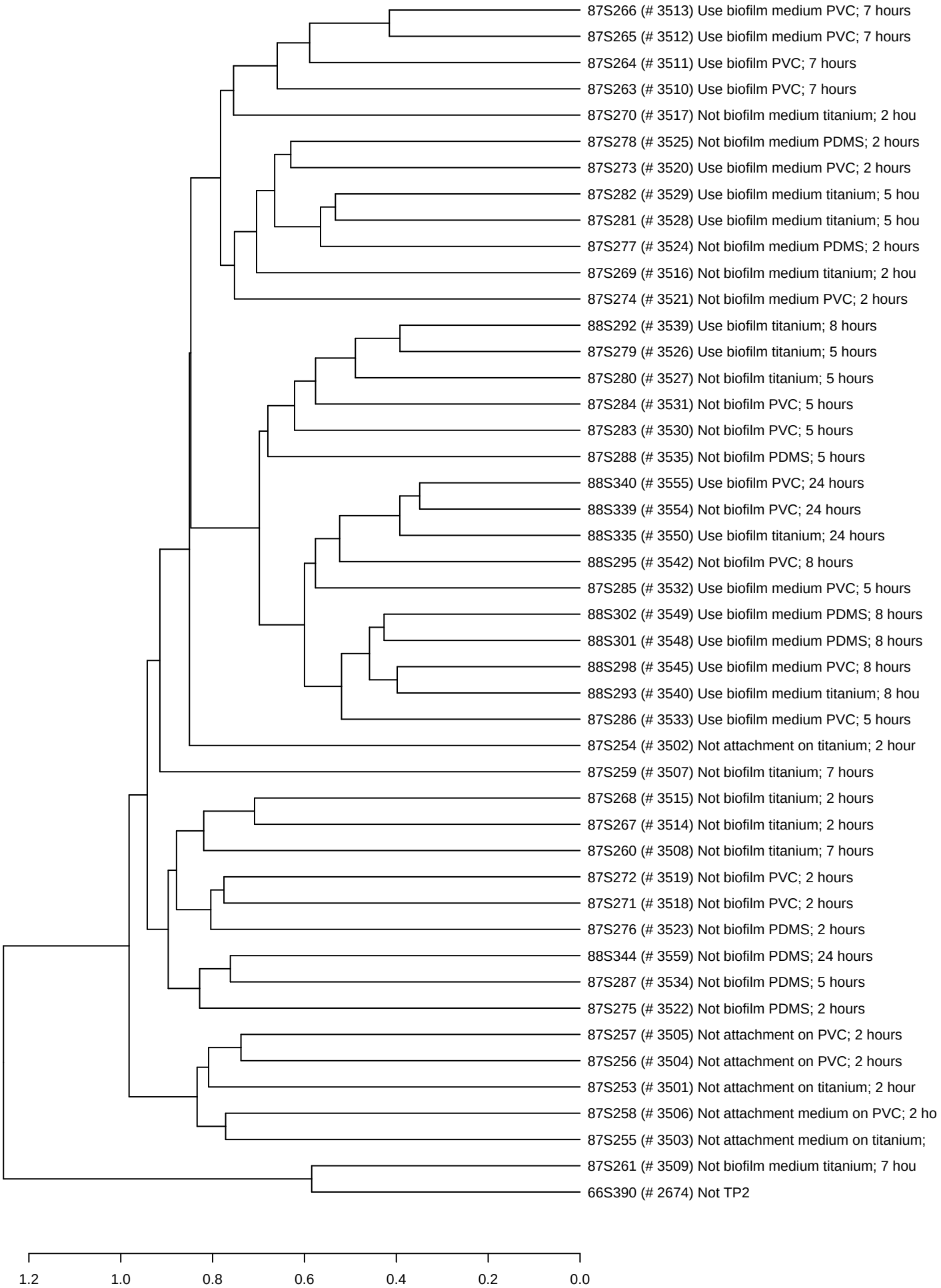
11/7/2025 Keio_ML9_set85 and similar experiments (clustered by fitness)



11/25/2025 Keio_ML9_set86 and similar experiments (clustered by fitness)



1/6/2026 Keio_ML9_set87 and similar experiments (clustered by fitness)



1/6/2026 and similar experiments
(clustered by fitness)