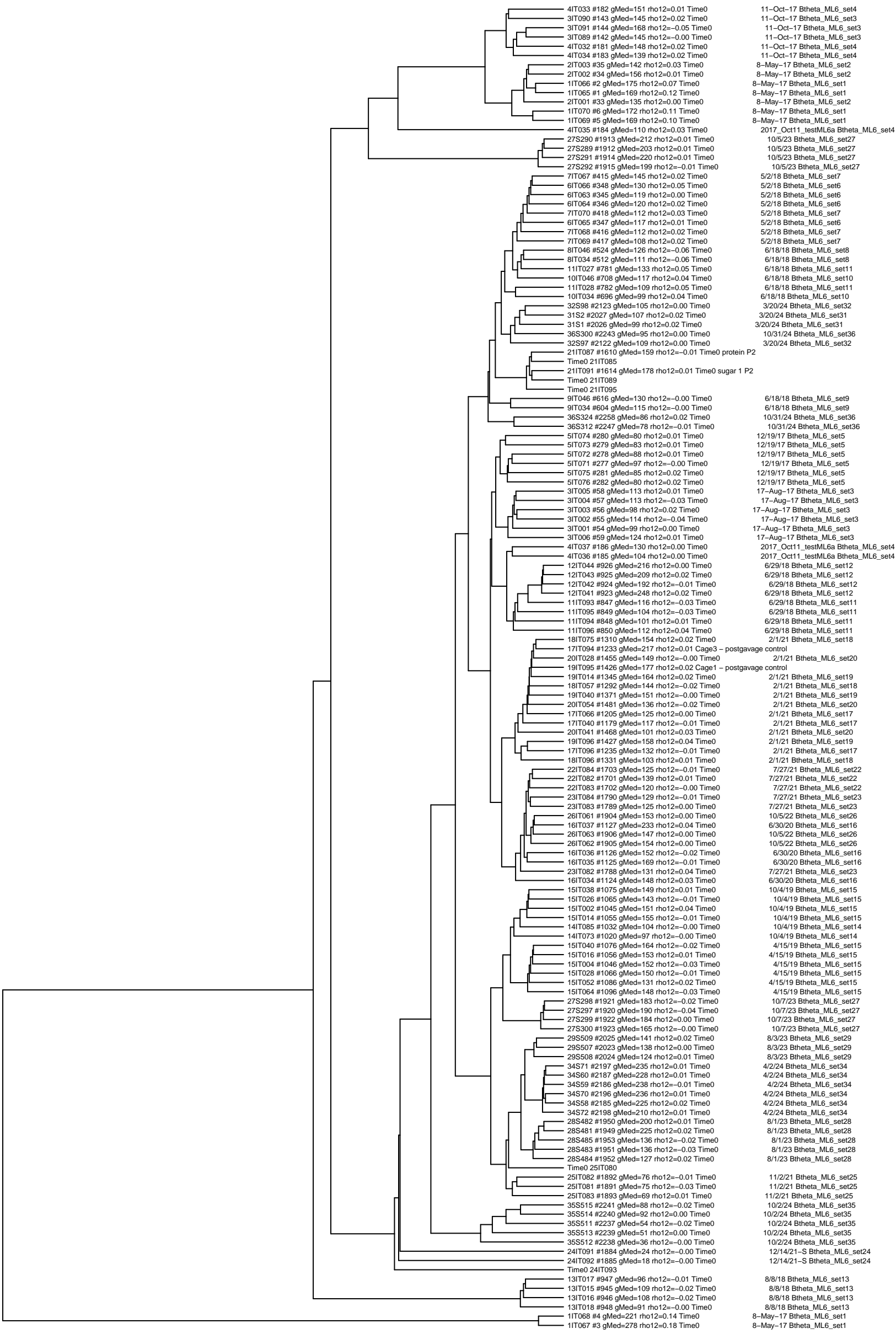
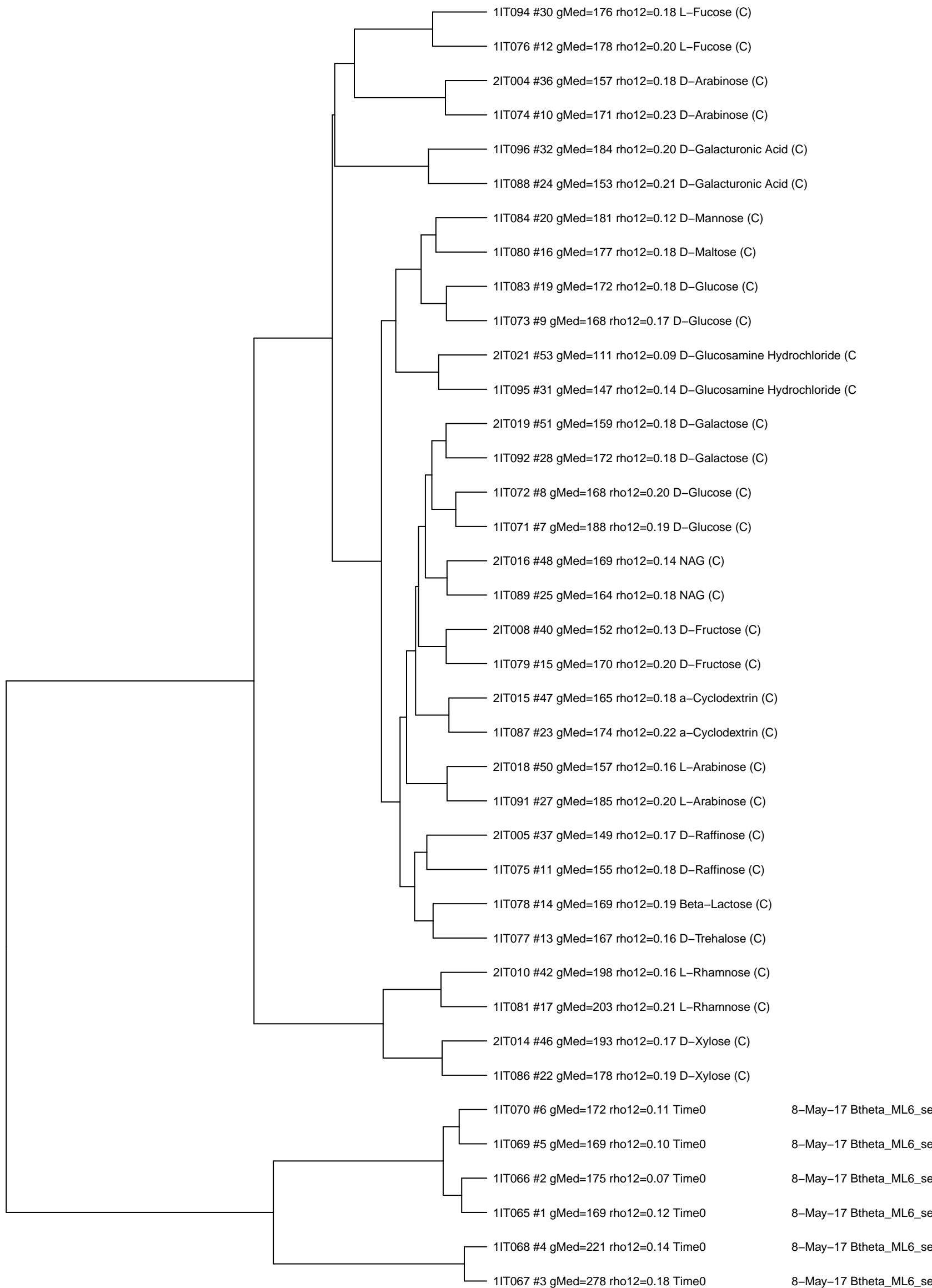


Time0 and similar samples  
(clustered by log-count)



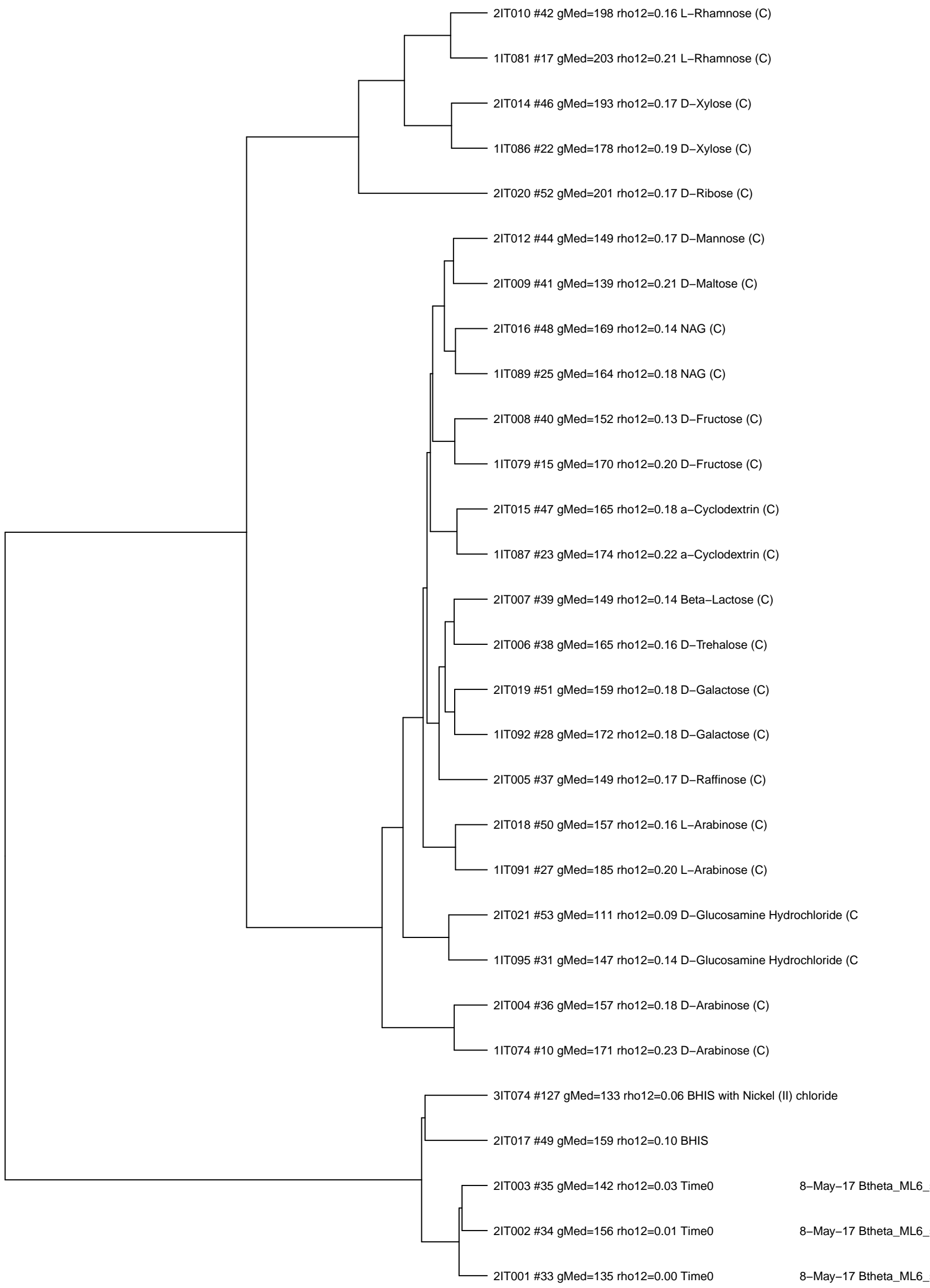
0.20 0.15 0.10 0.05 0.00

8-May-17 Btheta\_ML6\_set1 and similar samples  
(clustered by log-count)



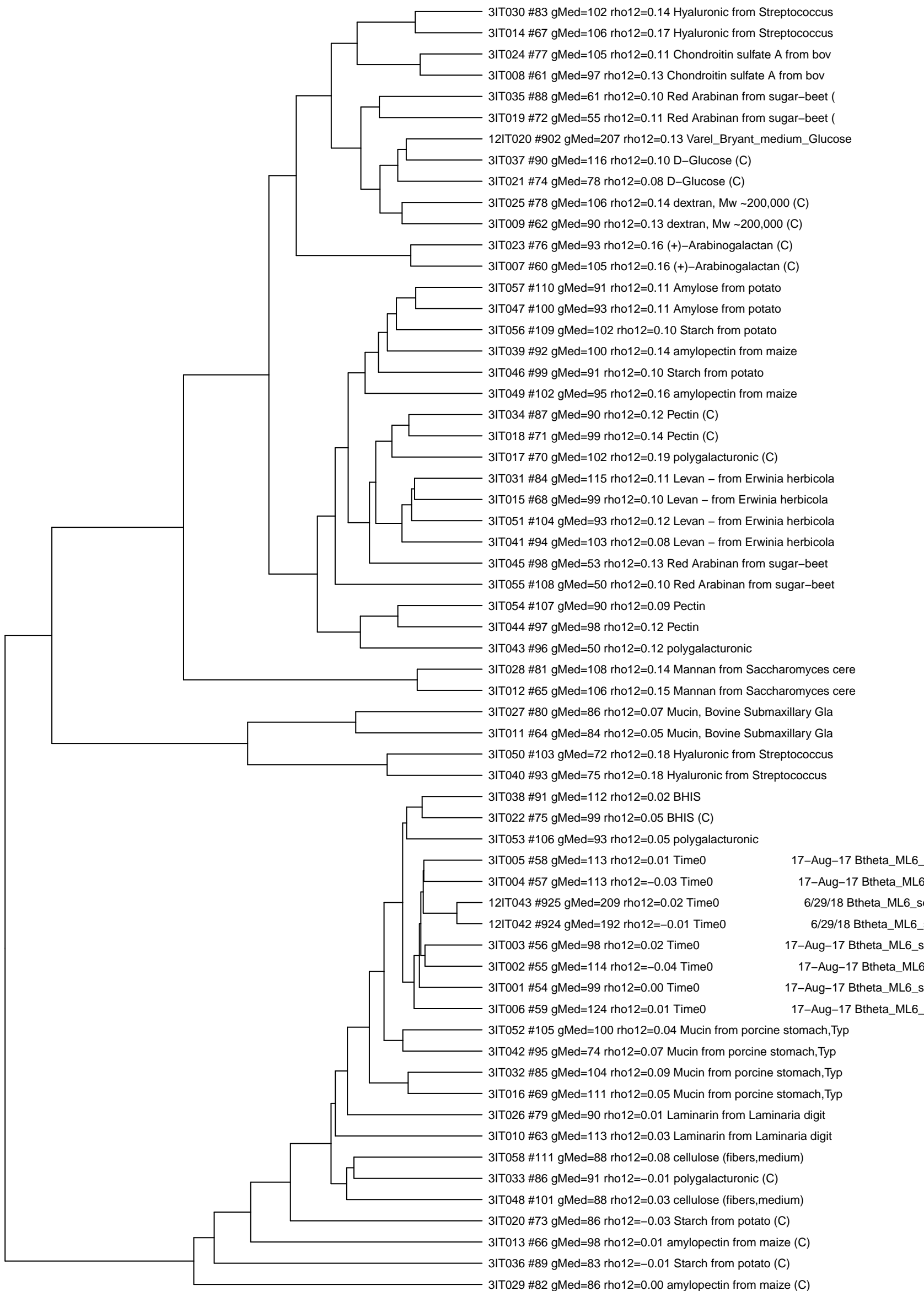
0.20 0.15 0.10 0.05 0.00

8-May-17 Btheta\_ML6\_set2 and similar samples  
(clustered by log-count)



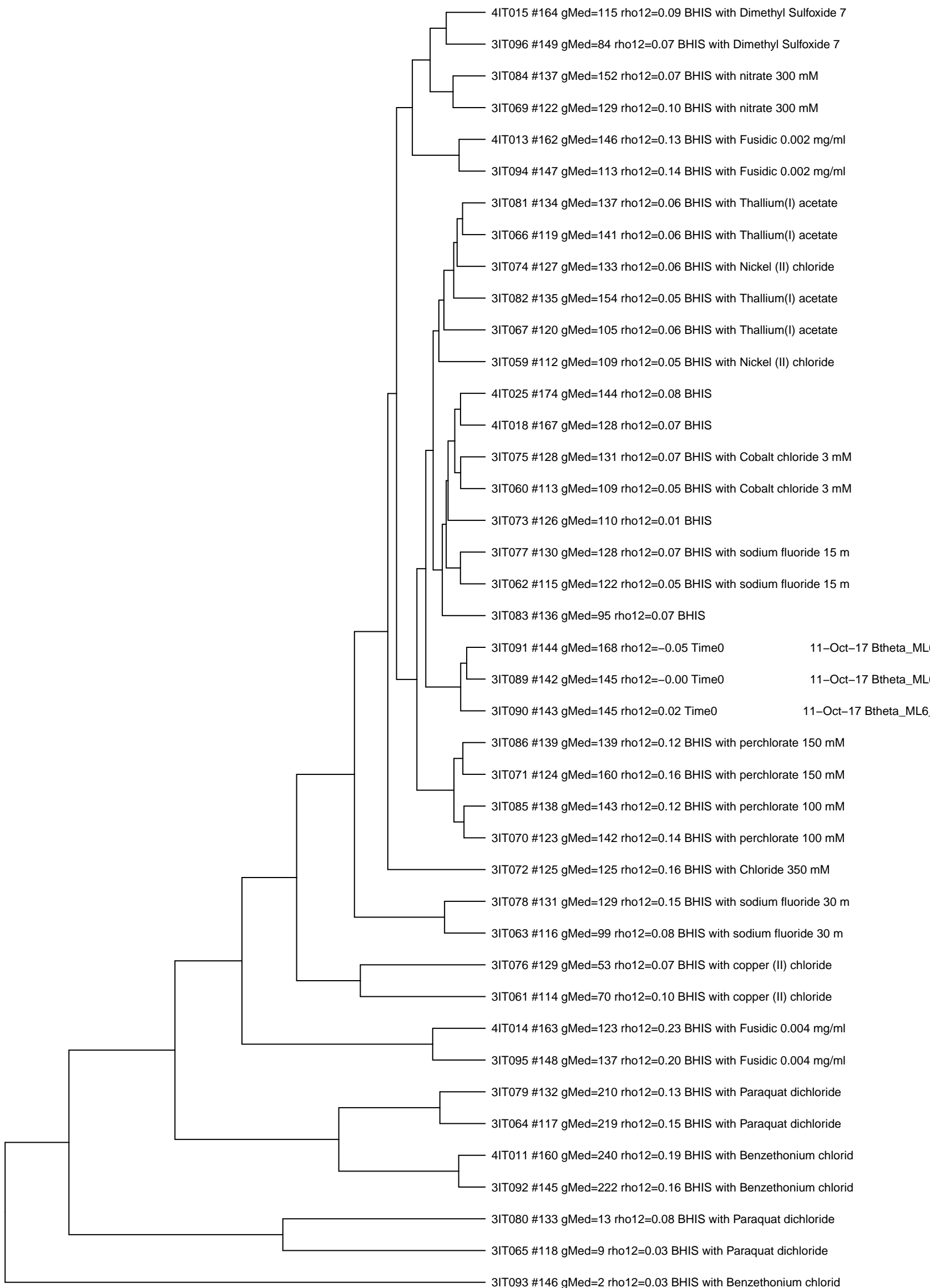
0.25      0.20      0.15      0.10      0.05      0.00

17-Aug-17 Btheta\_ML6\_set3 and similar samples  
(clustered by log-count)



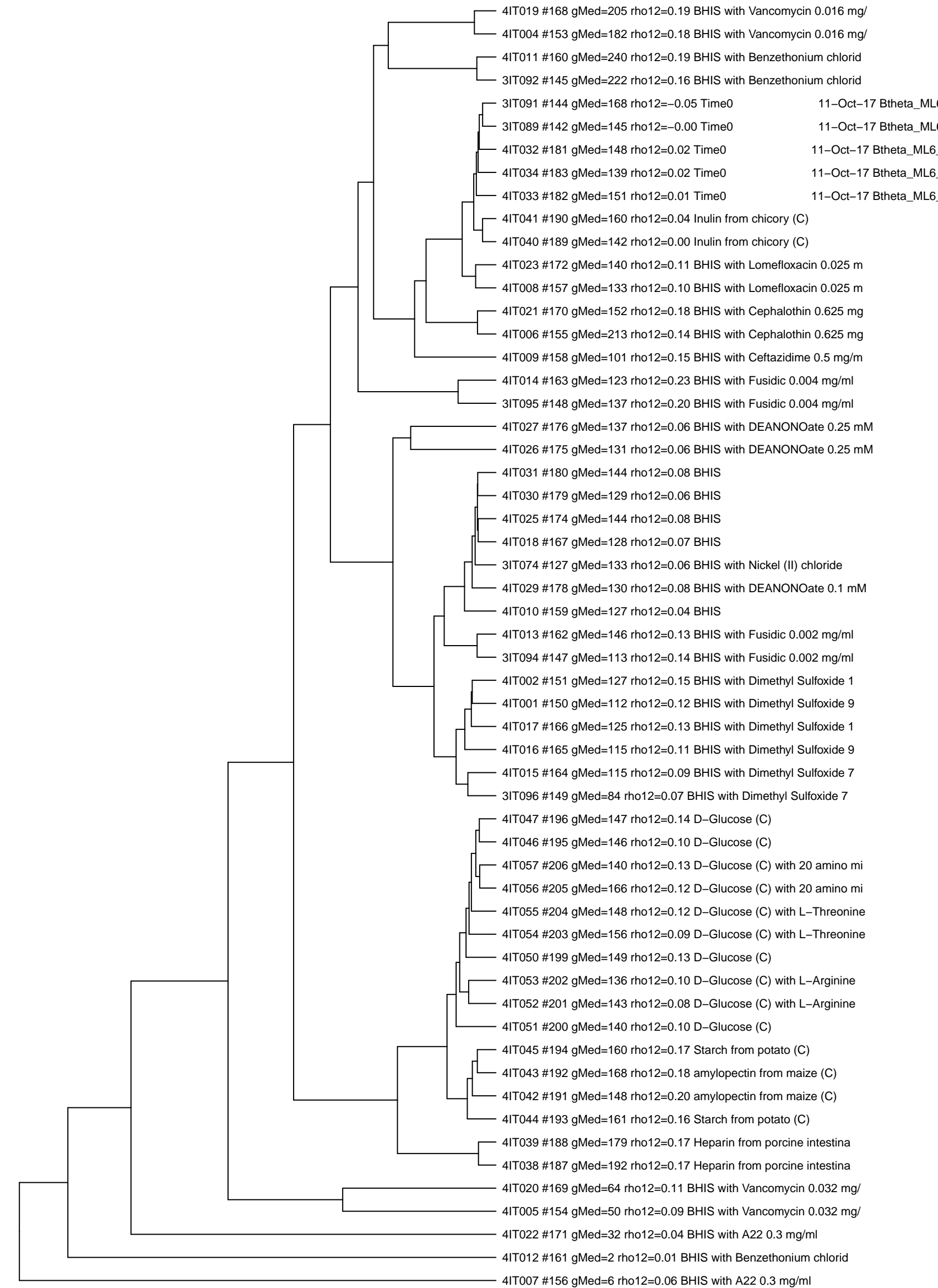
0.14 0.12 0.10 0.08 0.06 0.04 0.02 0.00

11-Oct-17 Btheta\_ML6\_set3 and similar samples  
(clustered by log-count)



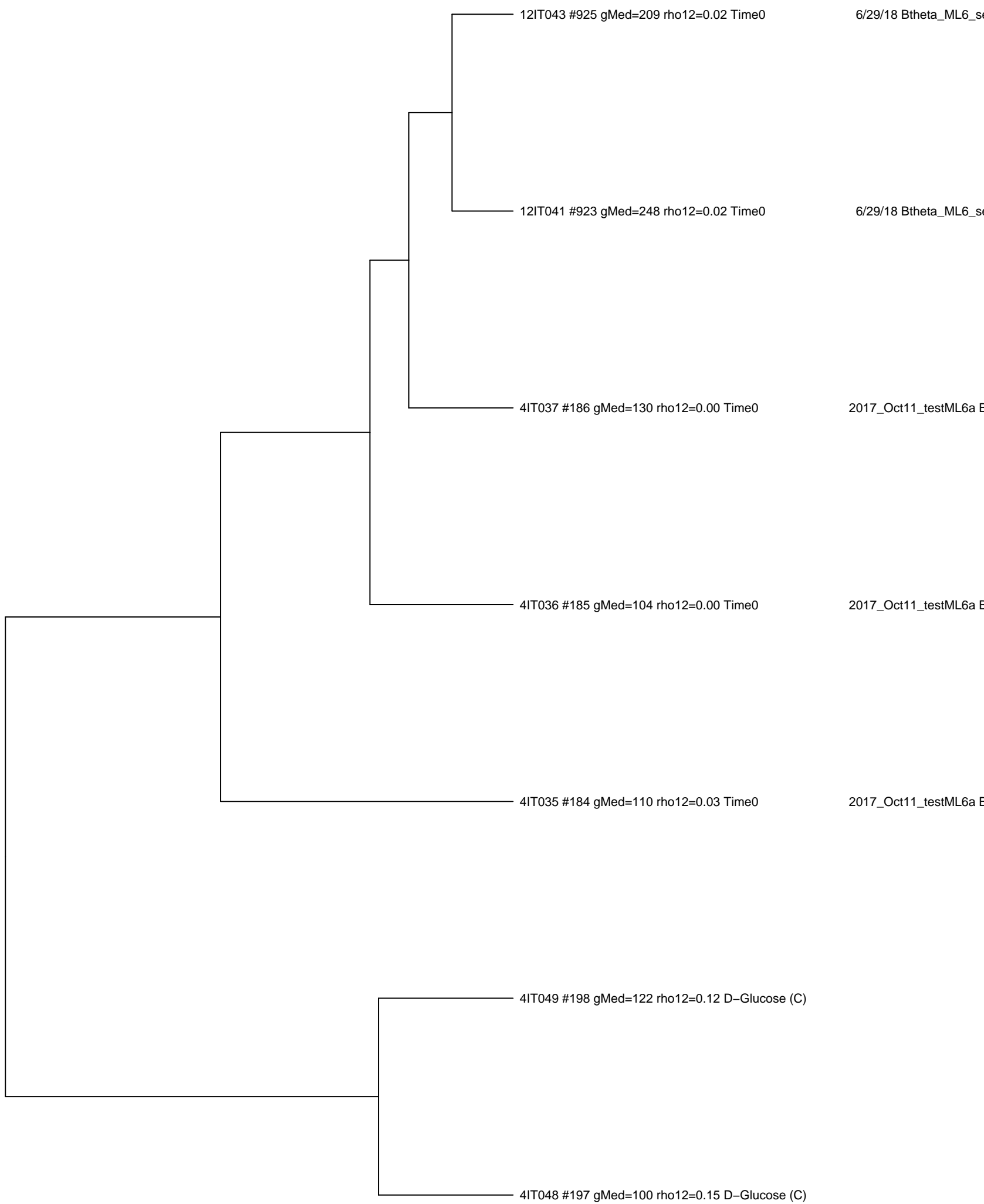
0.35 0.30 0.25 0.20 0.15 0.10 0.05 0.00

11-Oct-17 Btheta\_ML6\_set4 and similar samples  
(clustered by log-count)



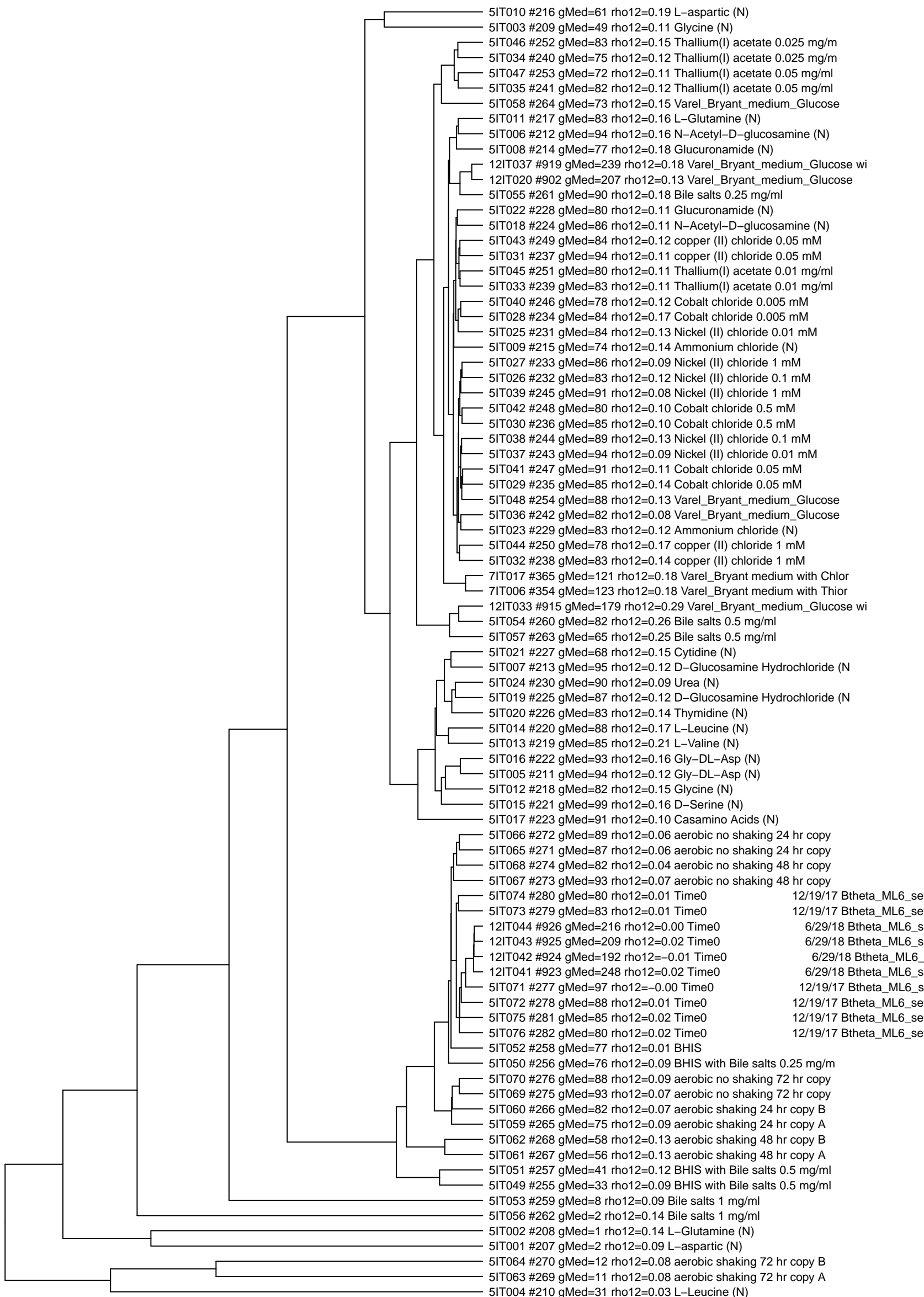
0.5 0.4 0.3 0.2 0.1 0.0

2017\_Oct11\_testML6a Btheta\_ML6\_set4 and similar samples  
(clustered by log-count)



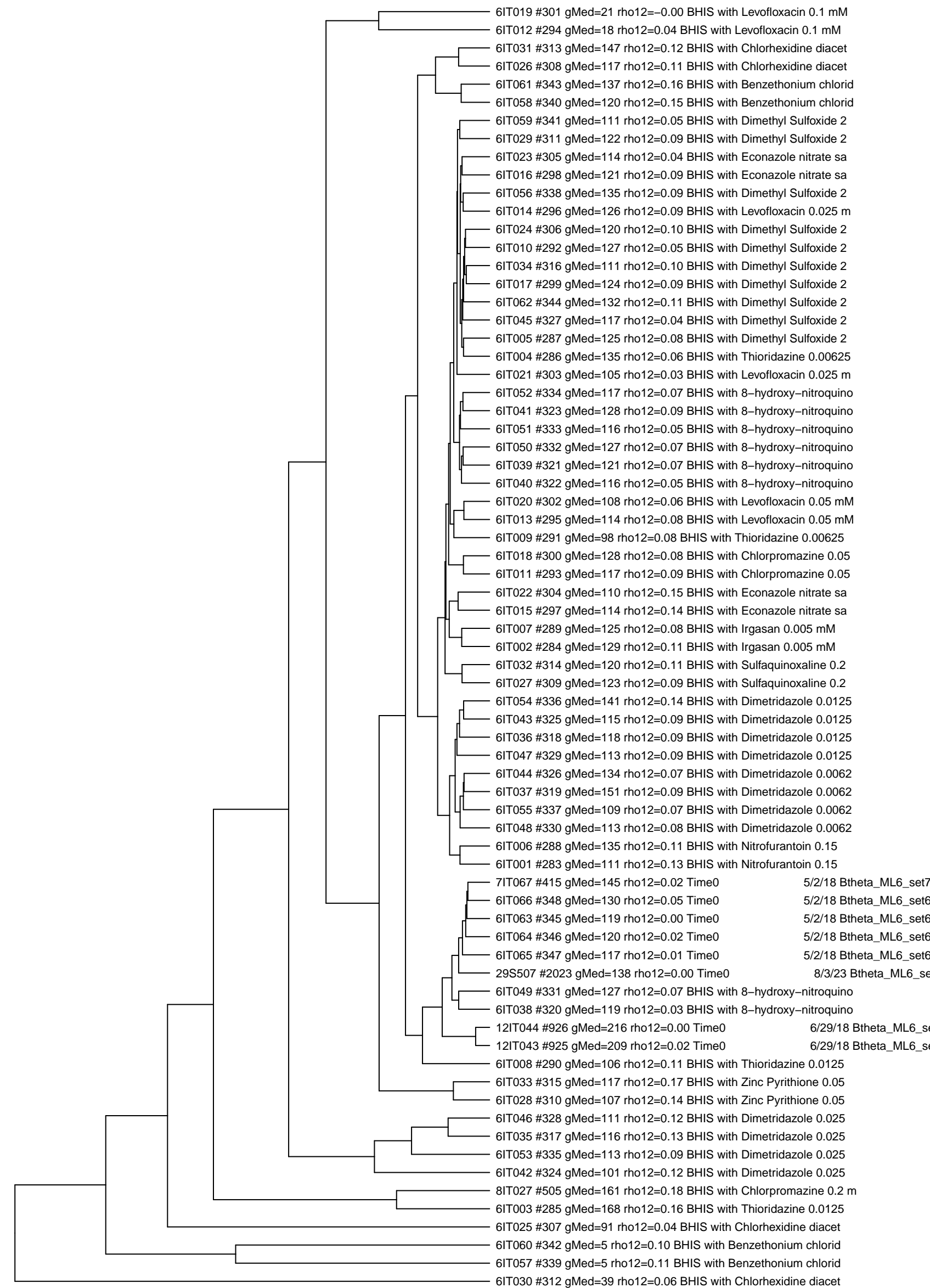
0.06 0.05 0.04 0.03 0.02 0.01 0.00

12/19/17 Btheta\_ML6\_set5 and similar samples  
(clustered by log-count)



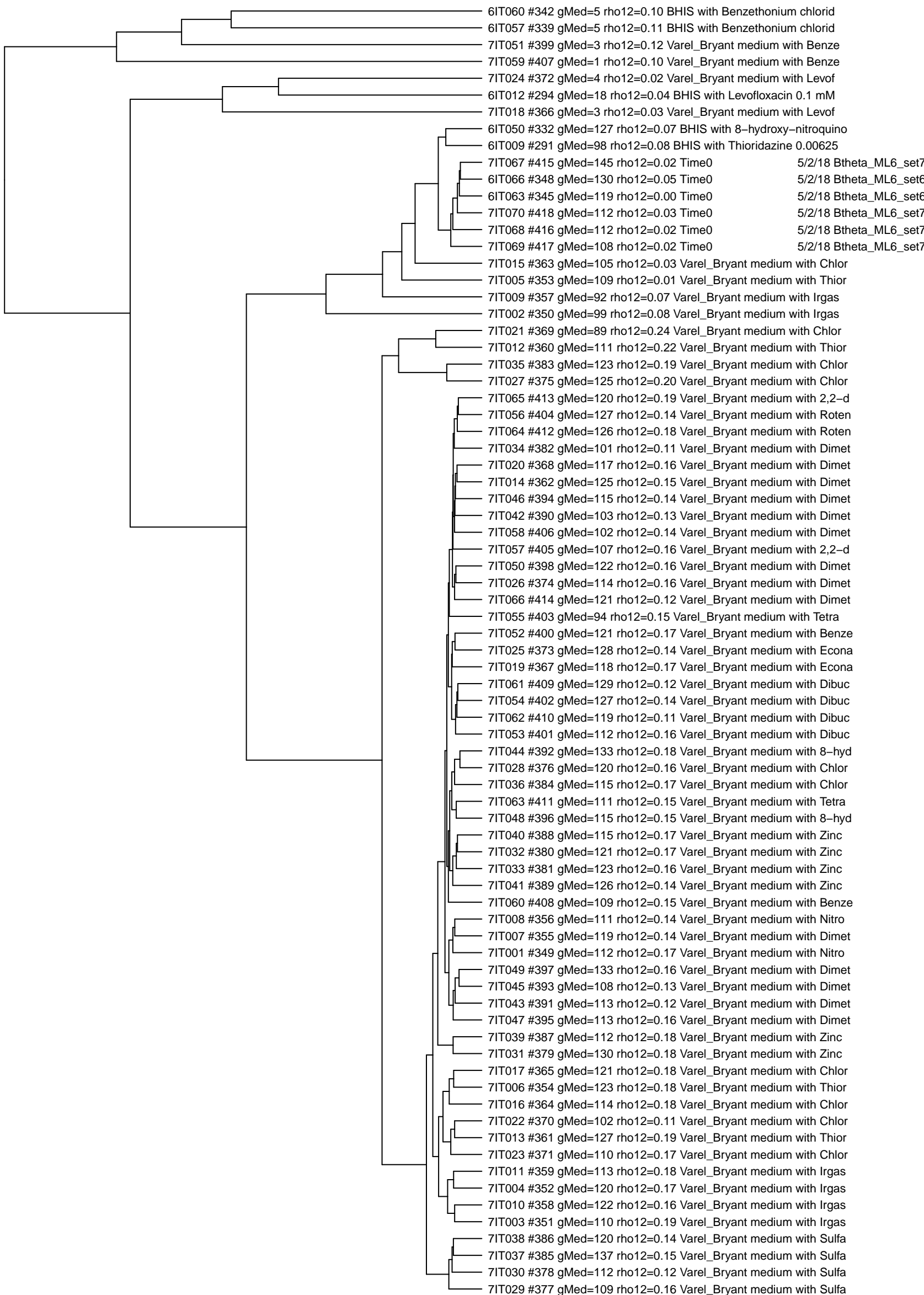
0.4 0.3 0.2 0.1 0.0

5/2/18 Btheta\_ML6\_set6 and similar samples  
(clustered by log-count)



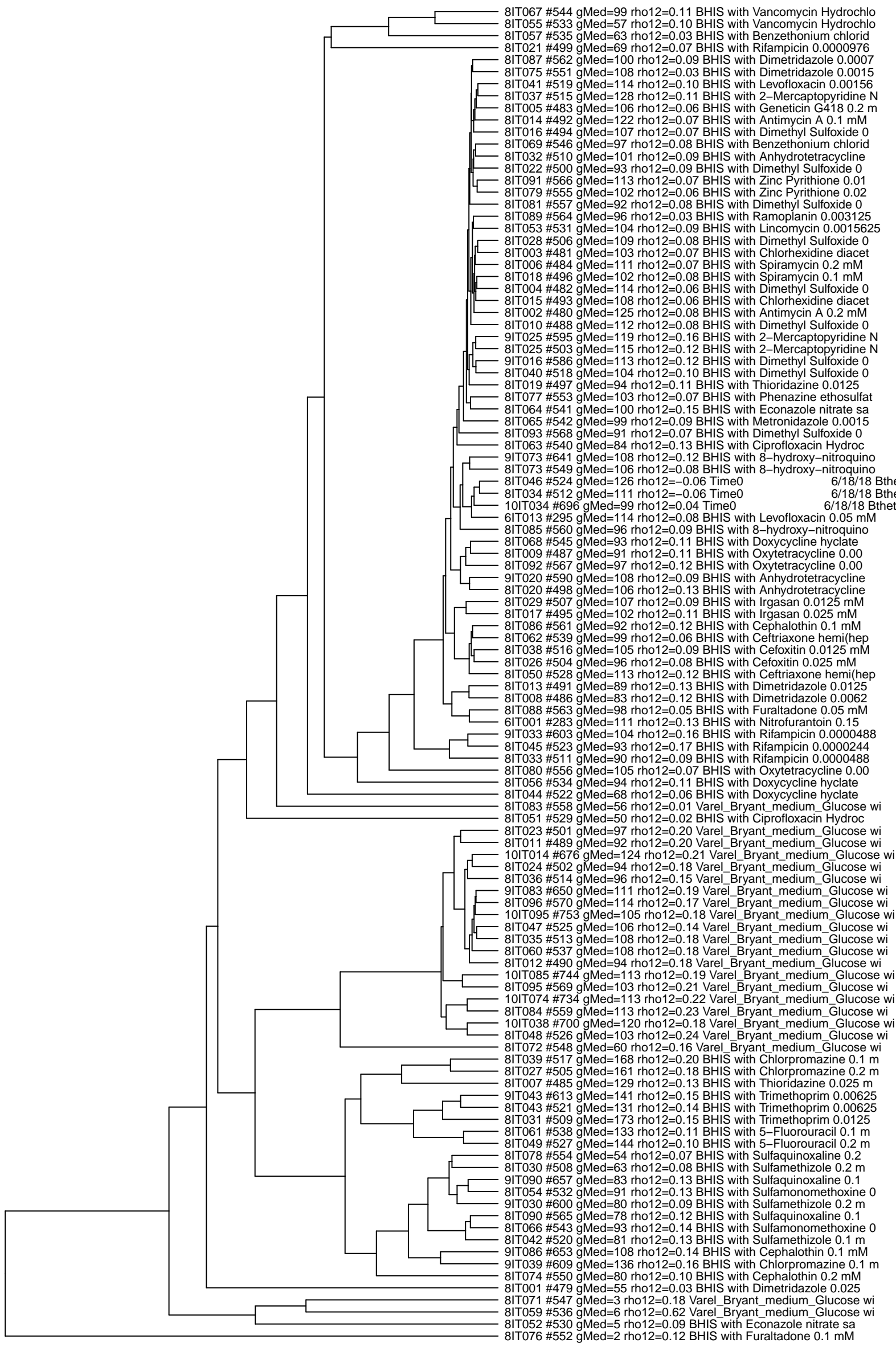
0.25 0.20 0.15 0.10 0.05 0.00

5/2/18 Btheta\_ML6\_set7 and similar samples  
(clustered by log-count)



0.25 0.20 0.15 0.10 0.05 0.00

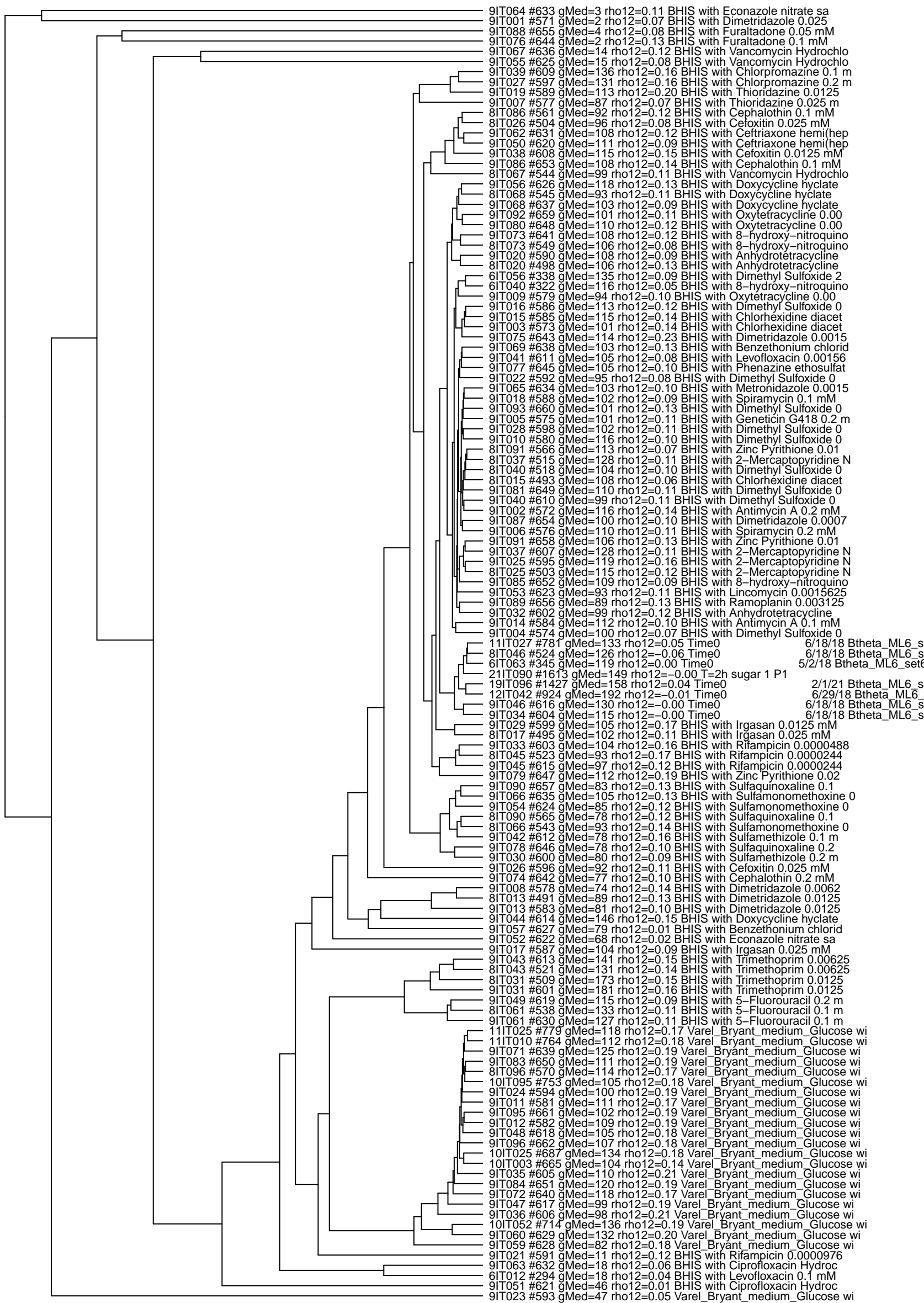
6/18/18 Btheta\_ML6\_set8 and similar samples  
(clustered by log-count)



8IT067 #544 gMed=99 rho12=0.11 BHIS with Vancomycin Hydrochlo  
 8IT055 #533 gMed=57 rho12=0.10 BHIS with Vancomycin Hydrochlo  
 8IT057 #535 gMed=63 rho12=0.03 BHIS with Benzethonium chlorid  
 8IT021 #499 gMed=69 rho12=0.07 BHIS with Rifampicin 0.0000976  
 8IT087 #562 gMed=100 rho12=0.09 BHIS with Dimetridazole 0.0007  
 8IT075 #551 gMed=108 rho12=0.03 BHIS with Dimetridazole 0.0015  
 8IT041 #519 gMed=114 rho12=0.10 BHIS with Levofloxacin 0.00156  
 8IT037 #515 gMed=128 rho12=0.11 BHIS with 2-Mercaptopyridine N  
 8IT005 #483 gMed=106 rho12=0.06 BHIS with Geneticin G418 0.2 m  
 8IT014 #492 gMed=122 rho12=0.07 BHIS with Antimycin A 0.1 mM  
 8IT016 #494 gMed=107 rho12=0.07 BHIS with Dimethyl Sulfoxide 0  
 8IT069 #546 gMed=97 rho12=0.08 BHIS with Benzethonium chlorid  
 8IT032 #510 gMed=101 rho12=0.09 BHIS with Anhydrotetracycline  
 8IT022 #500 gMed=93 rho12=0.09 BHIS with Dimethyl Sulfoxide 0  
 8IT091 #566 gMed=113 rho12=0.07 BHIS with Zinc Pyrithione 0.01  
 8IT079 #555 gMed=102 rho12=0.06 BHIS with Zinc Pyrithione 0.02  
 8IT081 #557 gMed=92 rho12=0.08 BHIS with Dimethyl Sulfoxide 0  
 8IT089 #564 gMed=96 rho12=0.03 BHIS with Ramoplanin 0.003125  
 8IT053 #531 gMed=104 rho12=0.09 BHIS with Lincomycin 0.0015625  
 8IT028 #506 gMed=109 rho12=0.08 BHIS with Dimethyl Sulfoxide 0  
 8IT003 #481 gMed=103 rho12=0.07 BHIS with Chlorhexidine diacet  
 8IT006 #484 gMed=111 rho12=0.07 BHIS with Spiramycin 0.2 mM  
 8IT018 #496 gMed=102 rho12=0.08 BHIS with Spiramycin 0.1 mM  
 8IT004 #482 gMed=114 rho12=0.06 BHIS with Dimethyl Sulfoxide 0  
 8IT015 #493 gMed=108 rho12=0.06 BHIS with Chlorhexidine diacet  
 8IT002 #480 gMed=125 rho12=0.08 BHIS with Antimycin A 0.2 mM  
 8IT010 #488 gMed=112 rho12=0.08 BHIS with Dimethyl Sulfoxide 0  
 9IT025 #595 gMed=119 rho12=0.16 BHIS with 2-Mercaptopyridine N  
 8IT025 #503 gMed=115 rho12=0.12 BHIS with 2-Mercaptopyridine N  
 9IT016 #586 gMed=113 rho12=0.12 BHIS with Dimethyl Sulfoxide 0  
 8IT040 #518 gMed=104 rho12=0.10 BHIS with Dimethyl Sulfoxide 0  
 8IT019 #497 gMed=94 rho12=0.11 BHIS with Thioridazine 0.0125  
 8IT077 #553 gMed=103 rho12=0.07 BHIS with Phenazine ethosulfat  
 8IT064 #541 gMed=100 rho12=0.15 BHIS with Econazole nitrate sa  
 8IT065 #542 gMed=99 rho12=0.09 BHIS with Metronidazole 0.0015  
 8IT093 #568 gMed=91 rho12=0.07 BHIS with Dimethyl Sulfoxide 0  
 8IT063 #540 gMed=84 rho12=0.13 BHIS with Ciprofloxacin Hydroc  
 9IT073 #641 gMed=108 rho12=0.12 BHIS with 8-hydroxy-nitroquino  
 8IT073 #549 gMed=106 rho12=0.08 BHIS with 8-hydroxy-nitroquino  
 8IT046 #524 gMed=126 rho12=-0.06 Time0 6/18/18 Btheta\_ML6\_s  
 8IT034 #512 gMed=111 rho12=-0.06 Time0 6/18/18 Btheta\_ML6\_s  
 10IT034 #696 gMed=99 rho12=0.04 Time0 6/18/18 Btheta\_ML6\_s  
 6IT013 #295 gMed=114 rho12=0.08 BHIS with Levofloxacin 0.05 mM  
 8IT085 #560 gMed=96 rho12=0.09 BHIS with 8-hydroxy-nitroquino  
 8IT068 #545 gMed=93 rho12=0.11 BHIS with Doxycycline hyclate  
 8IT009 #487 gMed=91 rho12=0.11 BHIS with Oxytetracycline 0.00  
 8IT092 #567 gMed=97 rho12=0.12 BHIS with Oxytetracycline 0.00  
 9IT020 #590 gMed=108 rho12=0.09 BHIS with Anhydrotetracycline  
 8IT020 #498 gMed=106 rho12=0.13 BHIS with Anhydrotetracycline  
 8IT029 #507 gMed=107 rho12=0.09 BHIS with Irgasan 0.0125 mM  
 8IT017 #495 gMed=102 rho12=0.11 BHIS with Irgasan 0.025 mM  
 8IT086 #561 gMed=92 rho12=0.12 BHIS with Cephalothin 0.1 mM  
 8IT062 #539 gMed=99 rho12=0.06 BHIS with Ceftriaxone hemi(hep  
 8IT038 #516 gMed=105 rho12=0.09 BHIS with Cefoxitin 0.0125 mM  
 8IT026 #504 gMed=96 rho12=0.08 BHIS with Cefoxitin 0.025 mM  
 8IT050 #528 gMed=113 rho12=0.12 BHIS with Ceftriaxone hemi(hep  
 8IT013 #491 gMed=89 rho12=0.13 BHIS with Dimetridazole 0.0125  
 8IT008 #486 gMed=83 rho12=0.12 BHIS with Dimetridazole 0.0062  
 8IT088 #563 gMed=98 rho12=0.05 BHIS with Furaltadone 0.05 mM  
 6IT001 #283 gMed=111 rho12=0.13 BHIS with Nitrofurantoin 0.15  
 9IT033 #603 gMed=104 rho12=0.16 BHIS with Rifampicin 0.0000488  
 8IT045 #523 gMed=93 rho12=0.17 BHIS with Rifampicin 0.0000244  
 8IT033 #511 gMed=90 rho12=0.09 BHIS with Rifampicin 0.0000488  
 8IT080 #556 gMed=105 rho12=0.07 BHIS with Oxytetracycline 0.00  
 8IT056 #534 gMed=94 rho12=0.11 BHIS with Doxycycline hyclate  
 8IT044 #522 gMed=68 rho12=0.06 BHIS with Doxycycline hyclate  
 8IT083 #558 gMed=56 rho12=0.01 Varel\_Bryant\_medium\_Glucose wi  
 8IT051 #529 gMed=50 rho12=0.02 BHIS with Ciprofloxacin Hydroc  
 8IT023 #501 gMed=97 rho12=0.20 Varel\_Bryant\_medium\_Glucose wi  
 8IT011 #489 gMed=92 rho12=0.20 Varel\_Bryant\_medium\_Glucose wi  
 10IT014 #676 gMed=124 rho12=0.21 Varel\_Bryant\_medium\_Glucose wi  
 8IT024 #502 gMed=94 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT036 #514 gMed=96 rho12=0.15 Varel\_Bryant\_medium\_Glucose wi  
 9IT083 #650 gMed=111 rho12=0.19 Varel\_Bryant\_medium\_Glucose wi  
 8IT096 #570 gMed=114 rho12=0.17 Varel\_Bryant\_medium\_Glucose wi  
 10IT095 #753 gMed=105 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT047 #525 gMed=106 rho12=0.14 Varel\_Bryant\_medium\_Glucose wi  
 8IT035 #513 gMed=108 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT060 #537 gMed=108 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT012 #490 gMed=94 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 10IT085 #744 gMed=113 rho12=0.19 Varel\_Bryant\_medium\_Glucose wi  
 8IT095 #569 gMed=103 rho12=0.21 Varel\_Bryant\_medium\_Glucose wi  
 10IT074 #734 gMed=113 rho12=0.22 Varel\_Bryant\_medium\_Glucose wi  
 8IT084 #559 gMed=113 rho12=0.23 Varel\_Bryant\_medium\_Glucose wi  
 10IT038 #700 gMed=120 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT048 #526 gMed=103 rho12=0.24 Varel\_Bryant\_medium\_Glucose wi  
 8IT072 #548 gMed=60 rho12=0.16 Varel\_Bryant\_medium\_Glucose wi  
 8IT039 #517 gMed=168 rho12=0.20 BHIS with Chlorpromazine 0.1 m  
 8IT027 #505 gMed=161 rho12=0.18 BHIS with Chlorpromazine 0.2 m  
 8IT007 #485 gMed=129 rho12=0.13 BHIS with Thioridazine 0.025 m  
 9IT043 #613 gMed=141 rho12=0.15 BHIS with Trimethoprim 0.00625  
 8IT043 #521 gMed=131 rho12=0.14 BHIS with Trimethoprim 0.00625  
 8IT031 #509 gMed=173 rho12=0.15 BHIS with Trimethoprim 0.0125  
 8IT061 #538 gMed=133 rho12=0.11 BHIS with 5-Fluorouracil 0.1 m  
 8IT049 #527 gMed=144 rho12=0.10 BHIS with 5-Fluorouracil 0.2 m  
 8IT078 #554 gMed=54 rho12=0.07 BHIS with Sulfaquinoxaline 0.2  
 8IT030 #508 gMed=63 rho12=0.08 BHIS with Sulfamethizole 0.2 m  
 9IT090 #657 gMed=83 rho12=0.13 BHIS with Sulfaquinoxaline 0.1  
 8IT054 #532 gMed=91 rho12=0.13 BHIS with Sulfamonomethoxine 0  
 9IT030 #600 gMed=80 rho12=0.09 BHIS with Sulfamethizole 0.2 m  
 8IT090 #565 gMed=78 rho12=0.12 BHIS with Sulfaquinoxaline 0.1  
 8IT066 #543 gMed=93 rho12=0.14 BHIS with Sulfamonomethoxine 0  
 8IT042 #520 gMed=81 rho12=0.13 BHIS with Sulfamethizole 0.1 m  
 9IT086 #653 gMed=108 rho12=0.14 BHIS with Cephalothin 0.1 mM  
 9IT039 #609 gMed=136 rho12=0.16 BHIS with Chlorpromazine 0.1 m  
 8IT074 #550 gMed=80 rho12=0.10 BHIS with Cephalothin 0.2 mM  
 8IT001 #479 gMed=55 rho12=0.03 BHIS with Dimetridazole 0.025  
 8IT071 #547 gMed=3 rho12=0.18 Varel\_Bryant\_medium\_Glucose wi  
 8IT059 #536 gMed=6 rho12=0.62 Varel\_Bryant\_medium\_Glucose wi  
 8IT052 #530 gMed=5 rho12=0.09 BHIS with Econazole nitrate sa  
 8IT076 #552 gMed=2 rho12=0.12 BHIS with Furaltadone 0.1 mM

0.4 0.3 0.2 0.1 0.0

6/18/18 Btheta\_ML6\_set9 and similar samples  
(clustered by log-count)



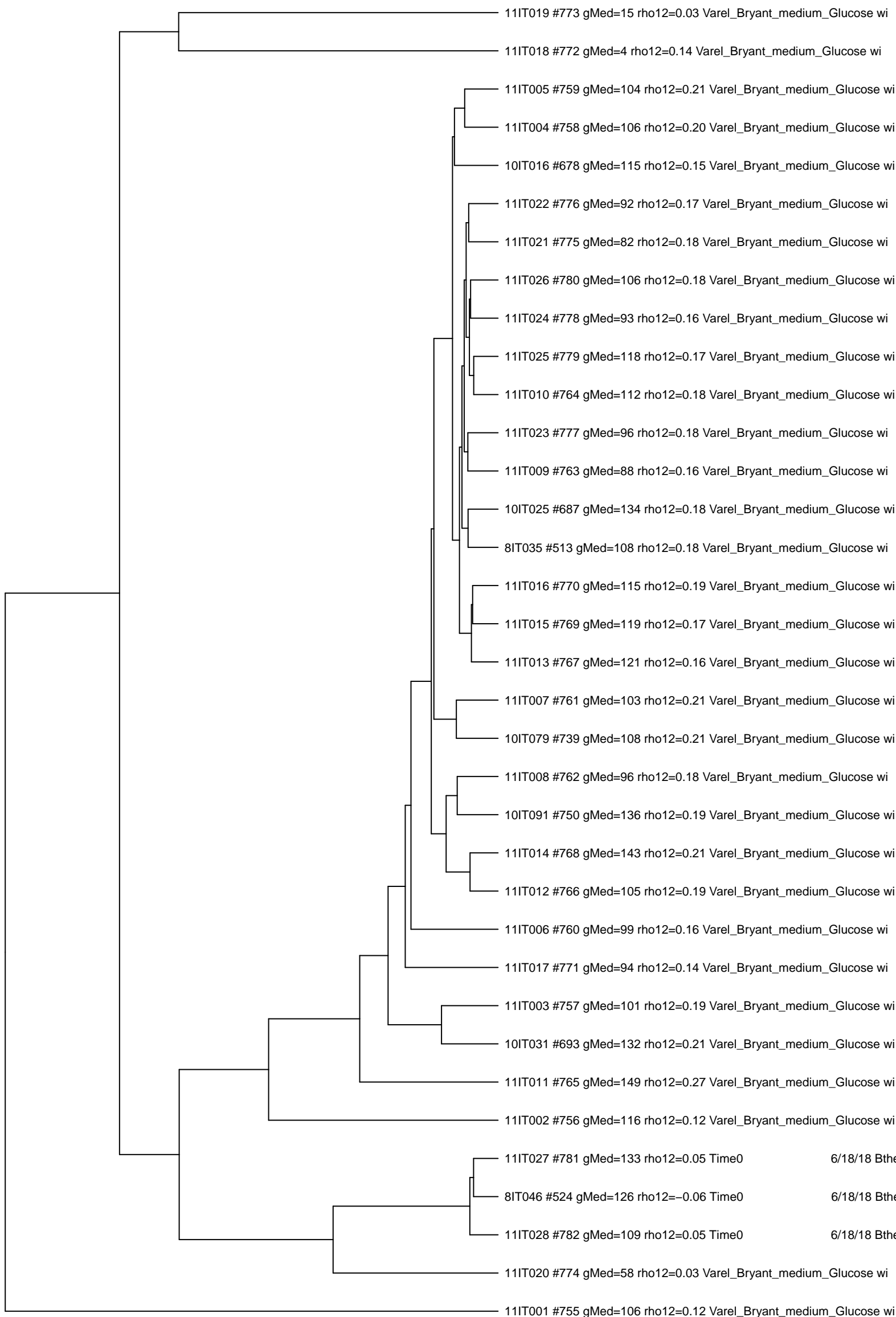
0.5 0.4 0.3 0.2 0.1 0.0

6/18/18 Btheta\_ML6\_set10 and similar samples  
(clustered by log-count)



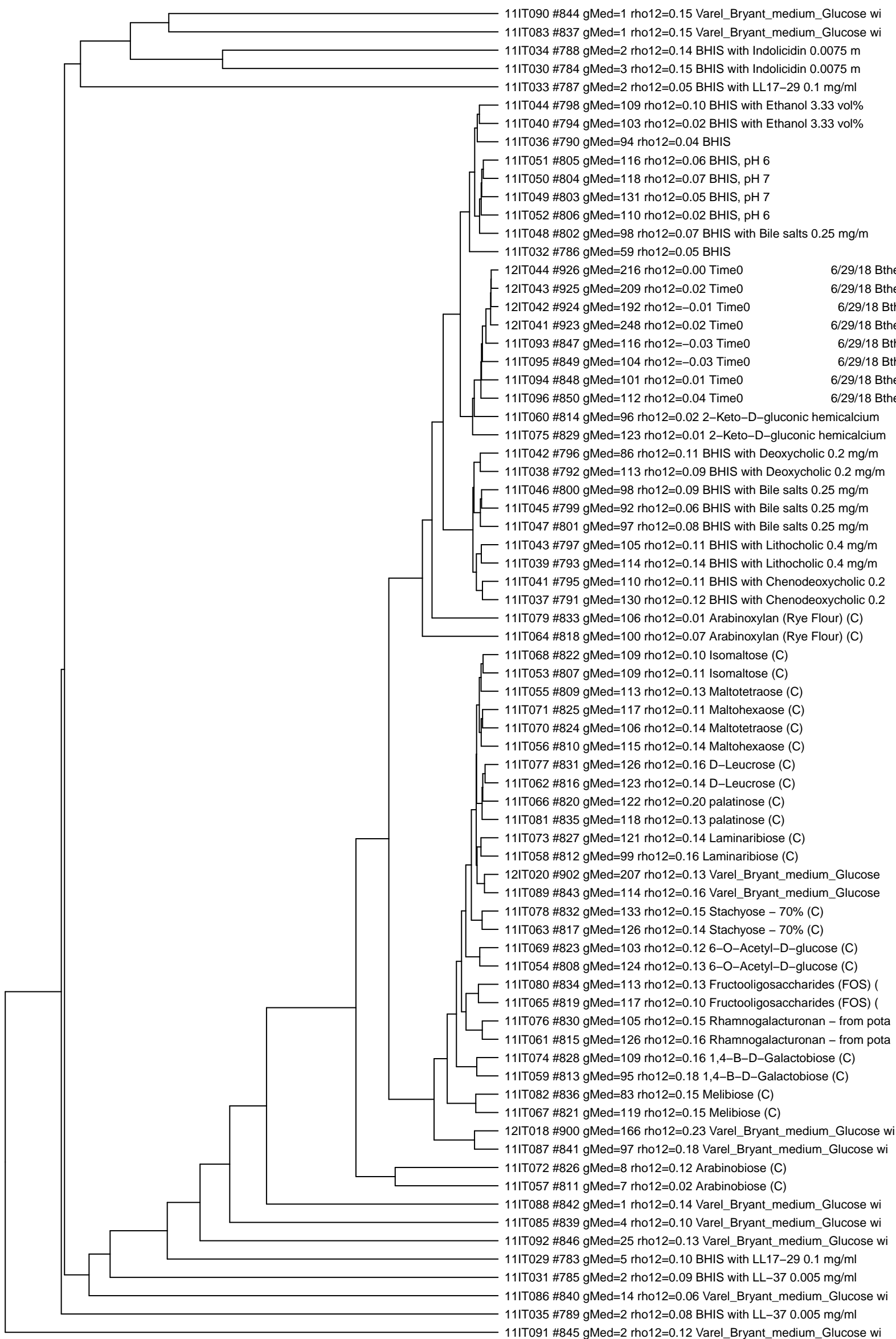
0.25 0.20 0.15 0.10 0.05 0.00

6/18/18 Btheta\_ML6\_set11 and similar samples  
(clustered by log-count)



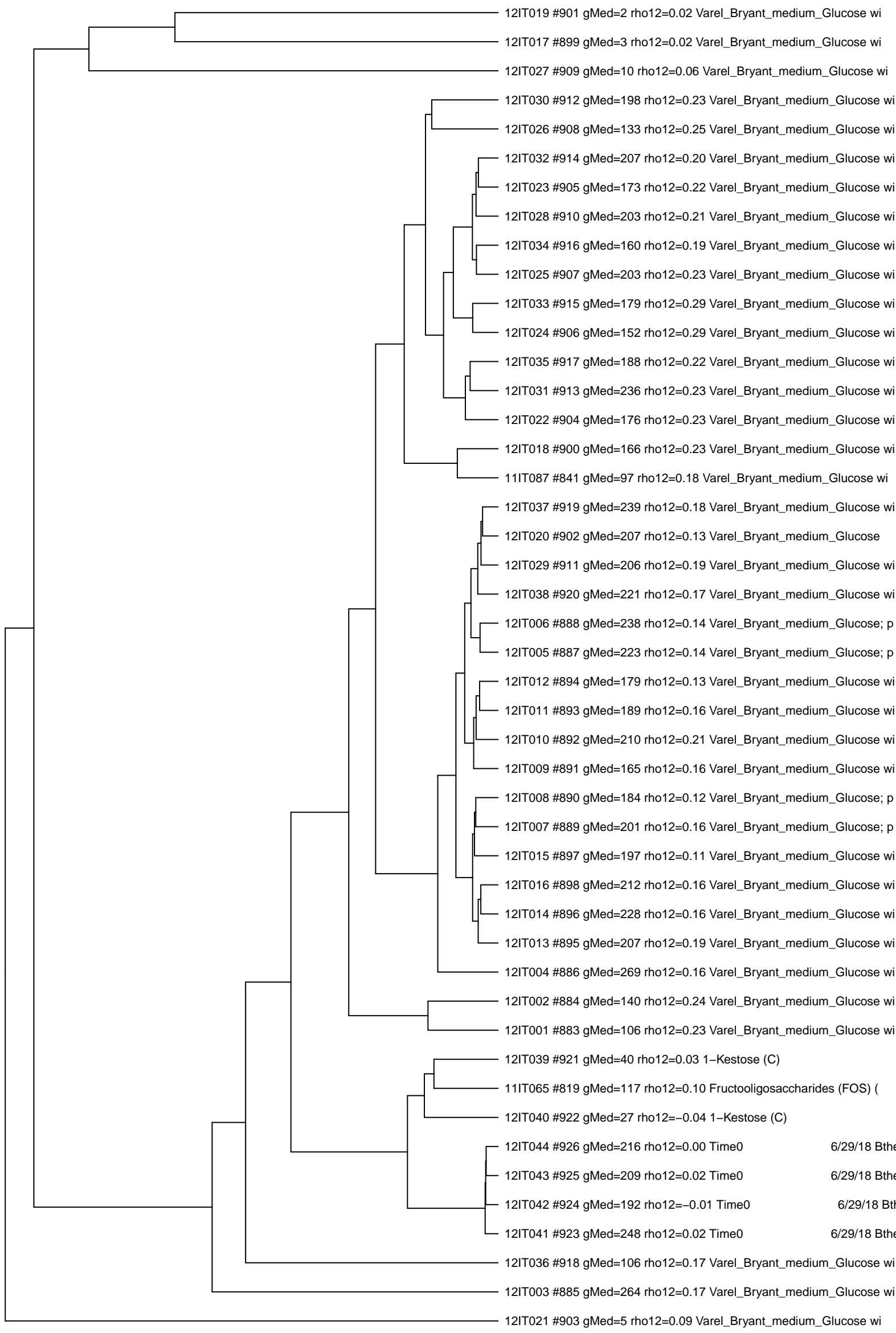
0.30 0.25 0.20 0.15 0.10 0.05 0.00

6/29/18 Btheta\_ML6\_set11 and similar samples  
(clustered by log-count)



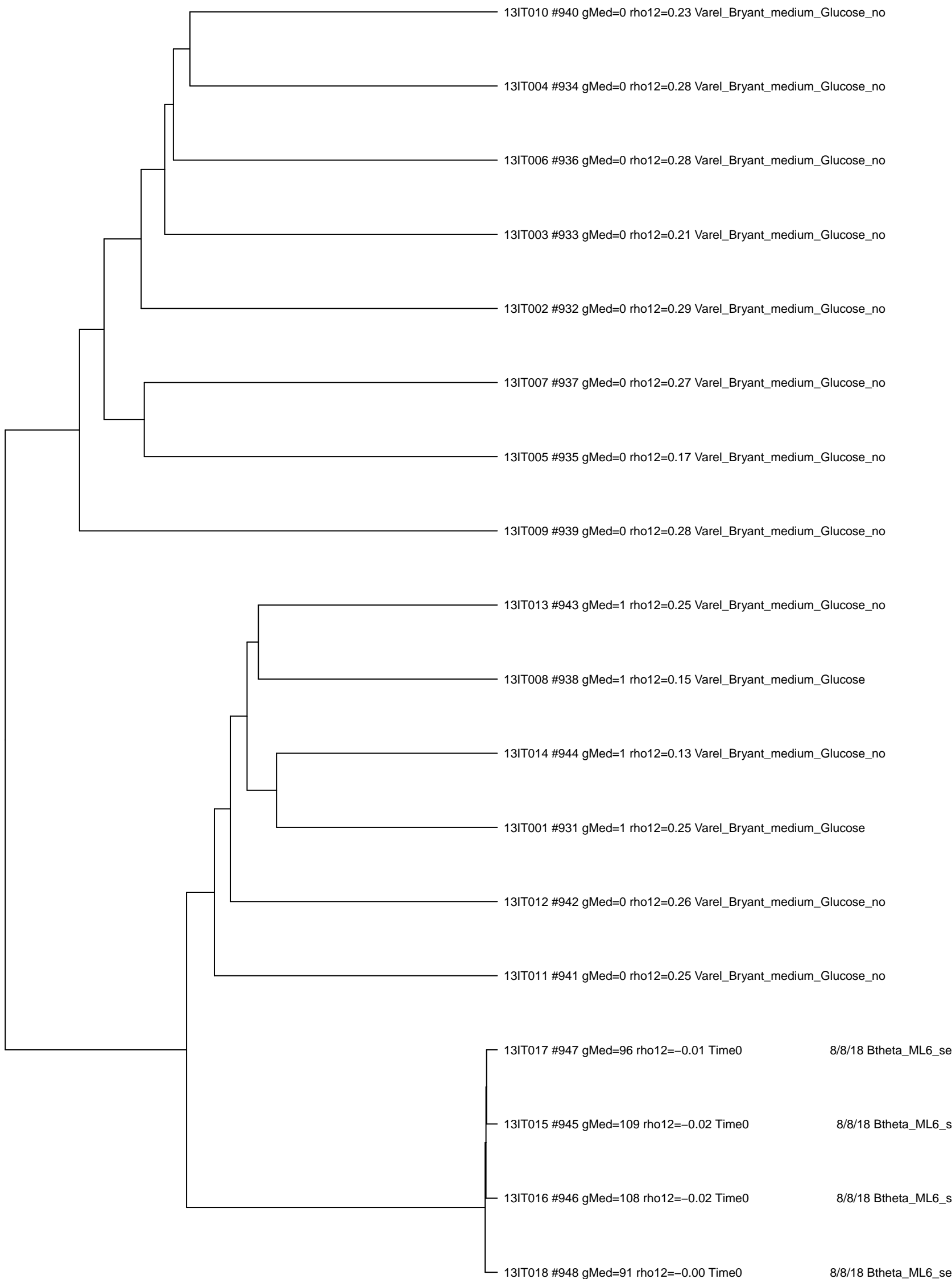
0.5 0.4 0.3 0.2 0.1 0.0

6/29/18 Btheta\_ML6\_set12 and similar samples  
(clustered by log-count)



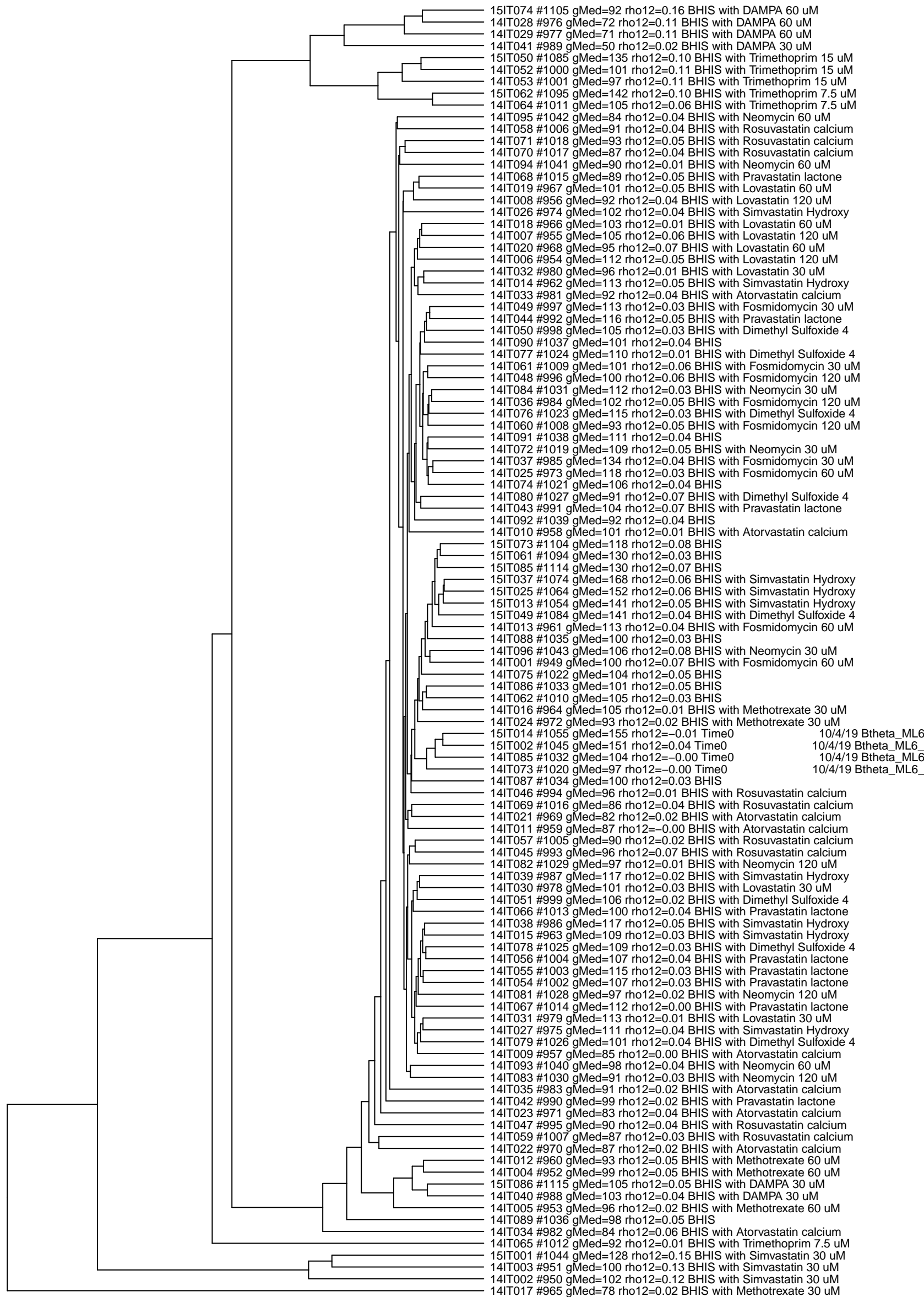
0.30 0.25 0.20 0.15 0.10 0.05 0.00

8/8/18 Btheta\_ML6\_set13 and similar samples  
(clustered by log-count)



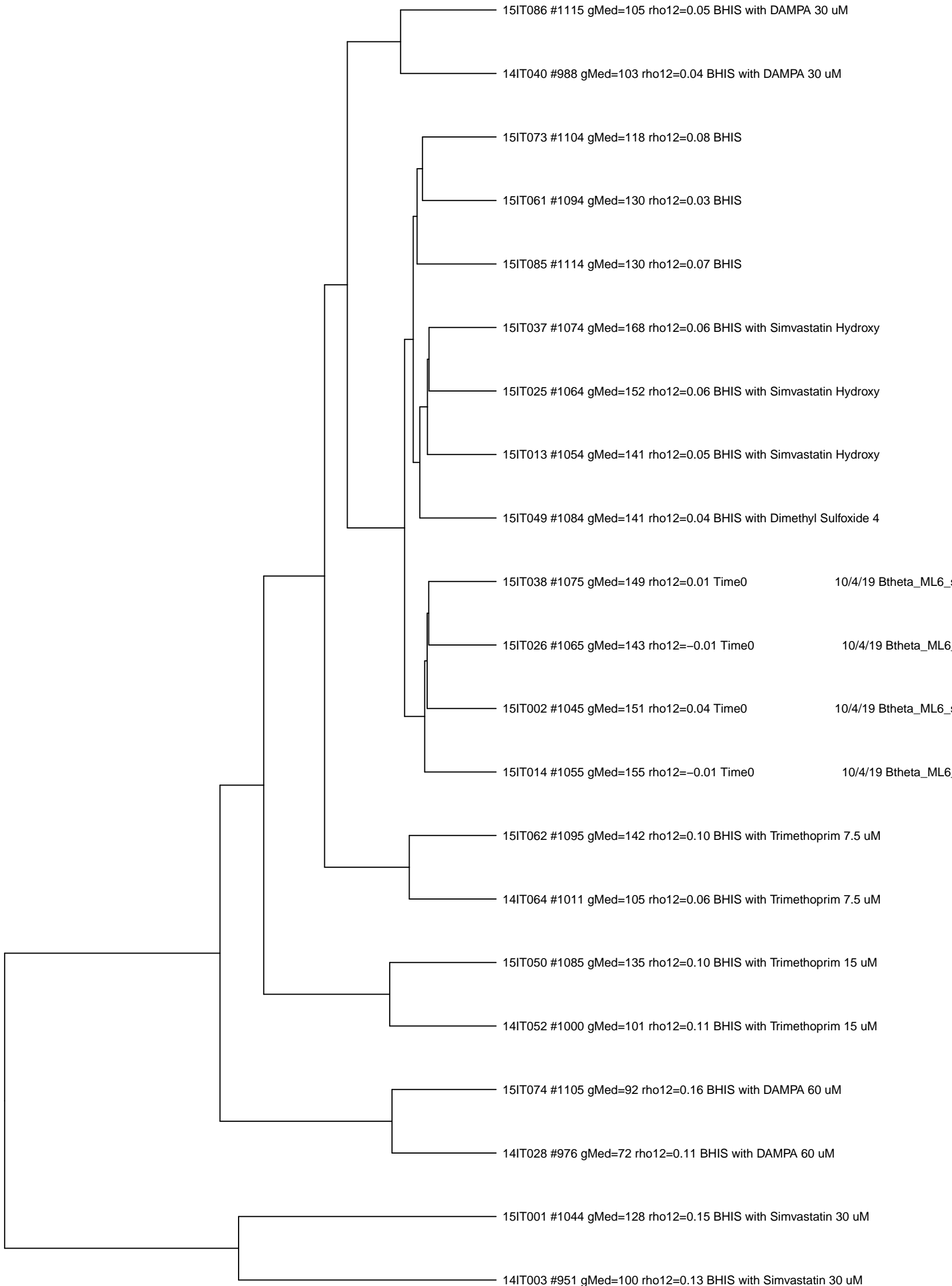
0.6 0.5 0.4 0.3 0.2 0.1 0.0

10/4/19 Btheta\_ML6\_set14 and similar samples  
(clustered by log-count)



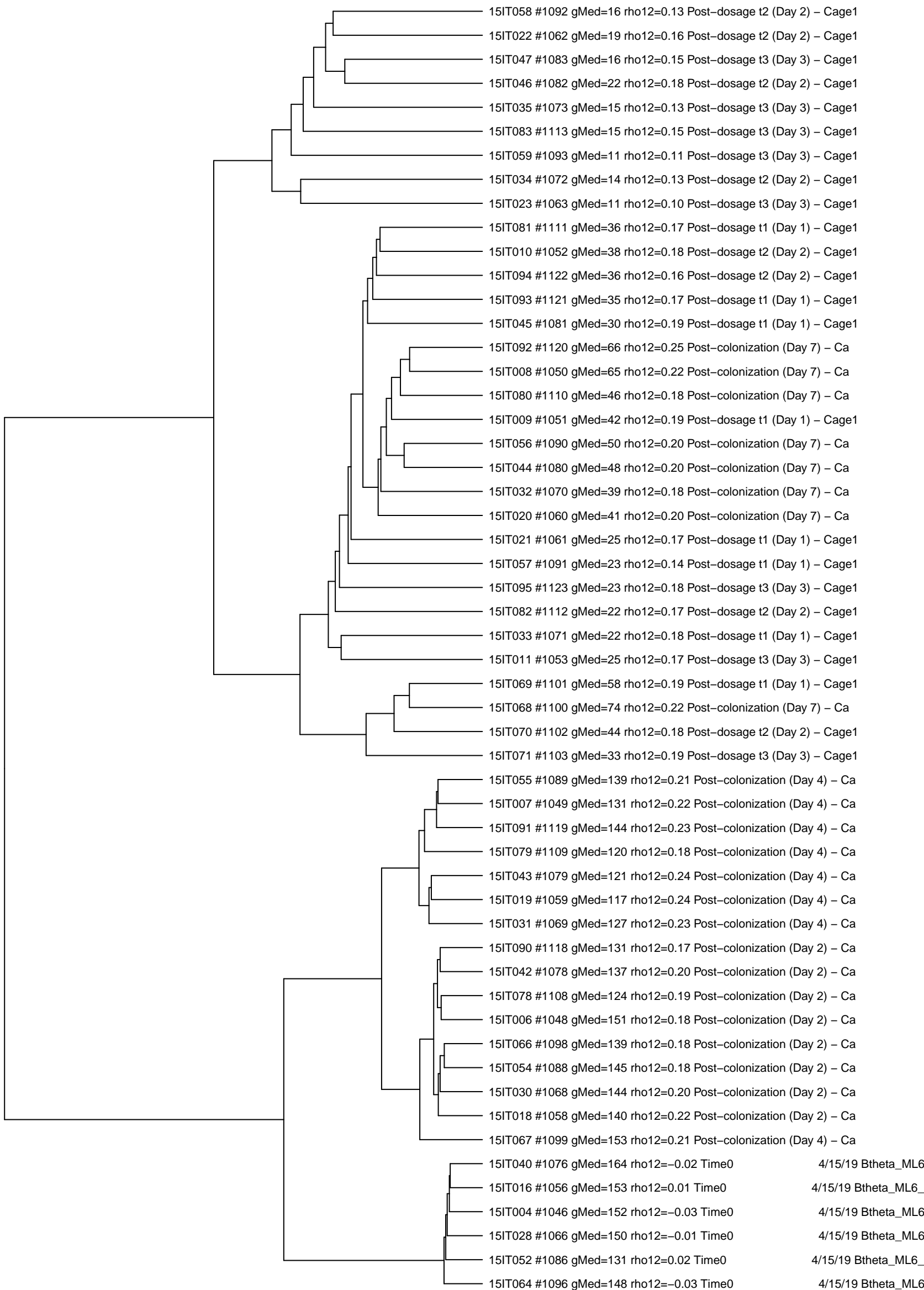
0.15 0.10 0.05 0.00

10/4/19 Btheta\_ML6\_set15 and similar samples  
(clustered by log-count)



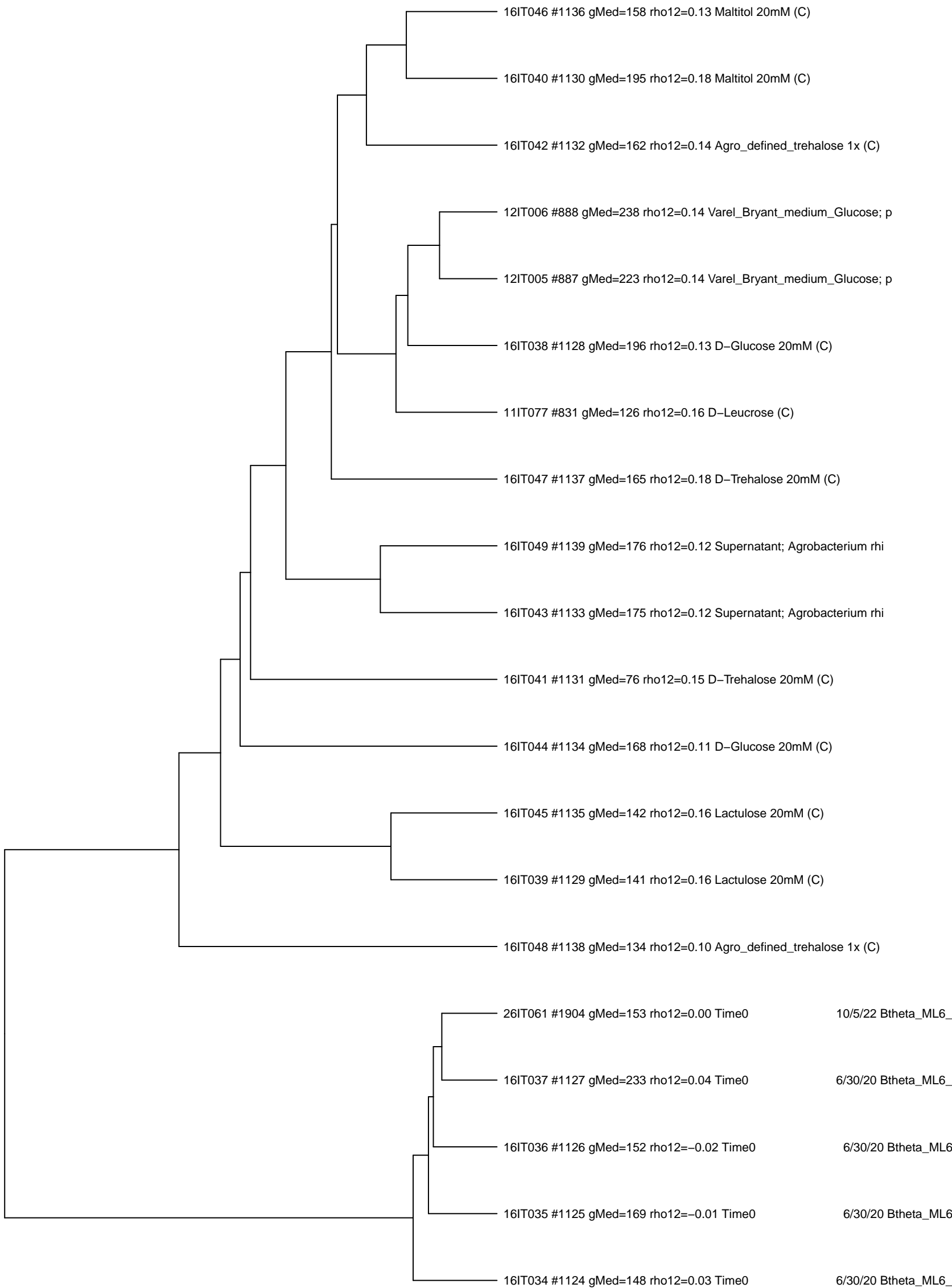
0.08 0.06 0.04 0.02 0.00

4/15/19 Btheta\_ML6\_set15 and similar samples  
(clustered by log-count)



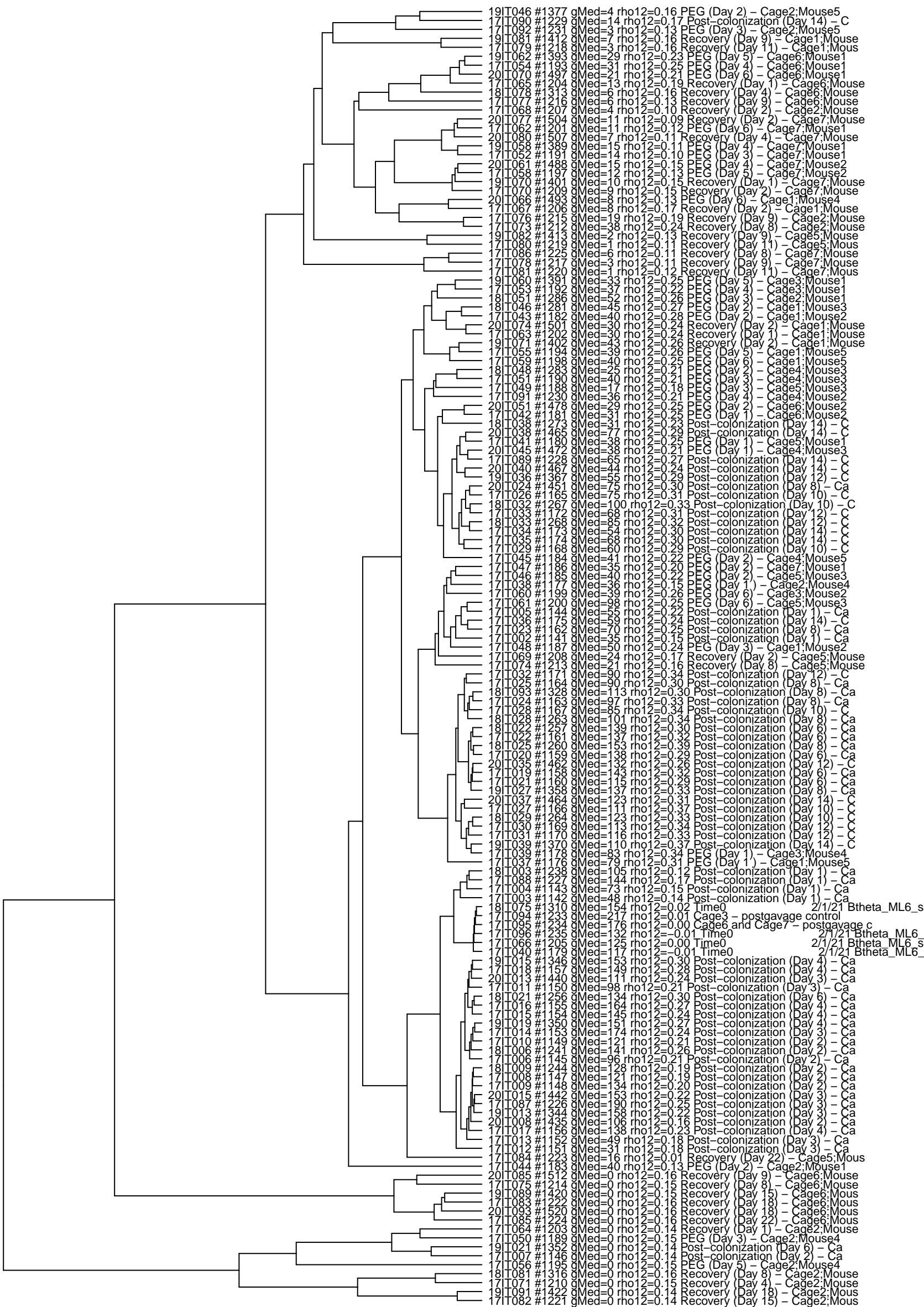
0.15 0.10 0.05 0.00

6/30/20 Btheta\_ML6\_set16 and similar samples  
(clustered by log-count)



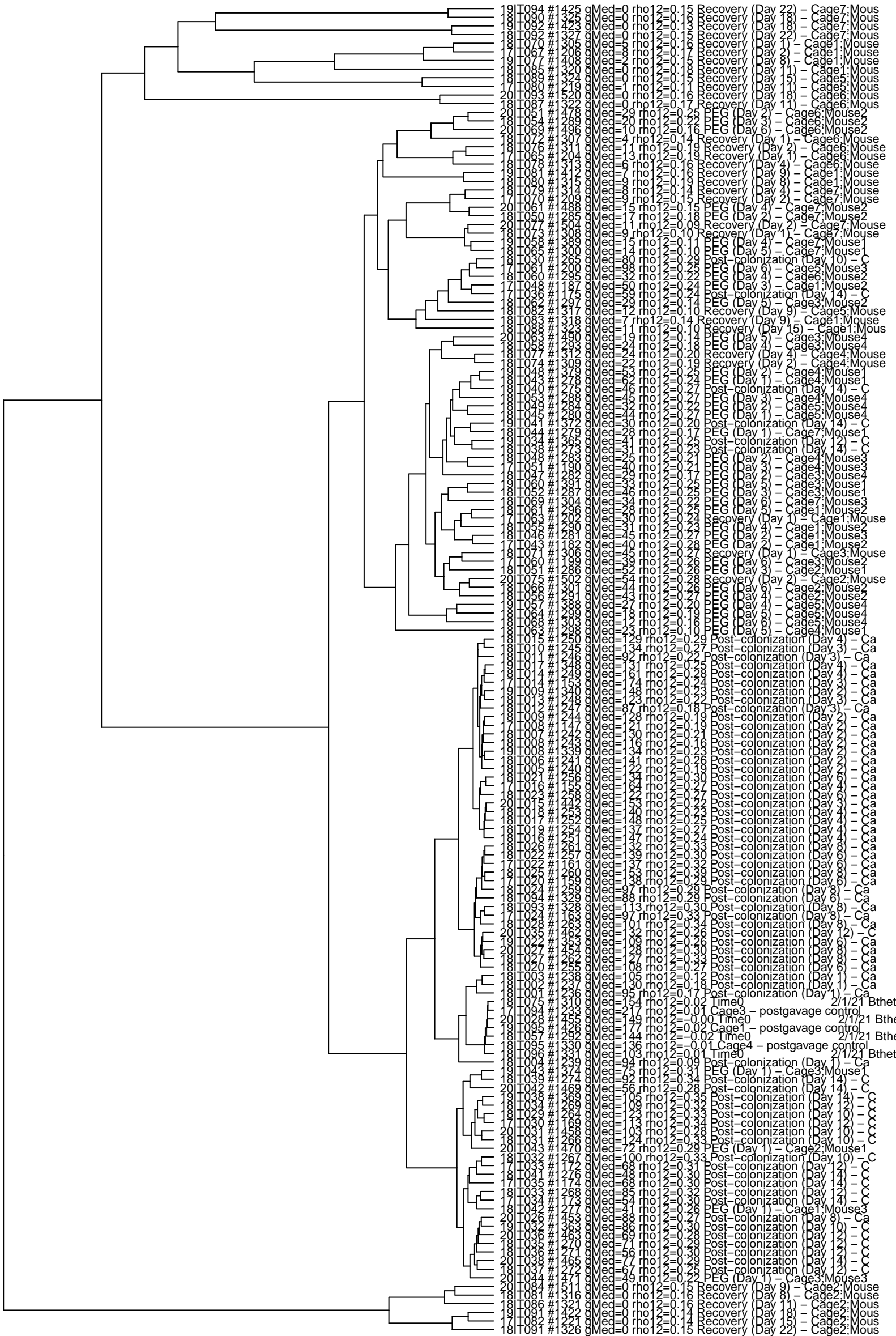
0.08 0.06 0.04 0.02 0.00

2/1/21 Btheta\_ML6\_set17 and similar samples  
(clustered by log-count)



0.8 0.6 0.4 0.2 0.0

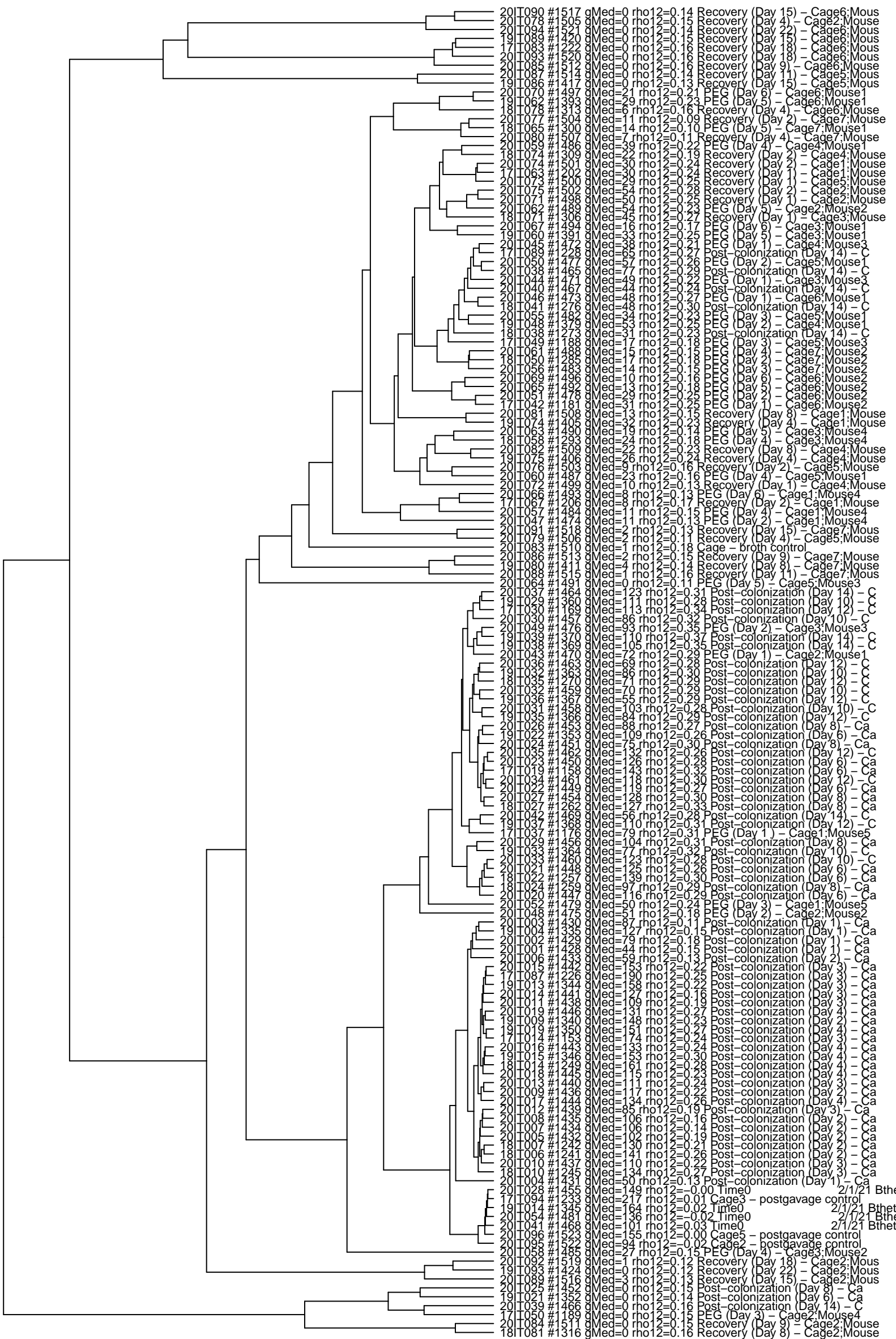
2/1/21 Btheta\_ML6\_set18 and similar samples  
(clustered by log-count)



0.8 0.6 0.4 0.2 0.0

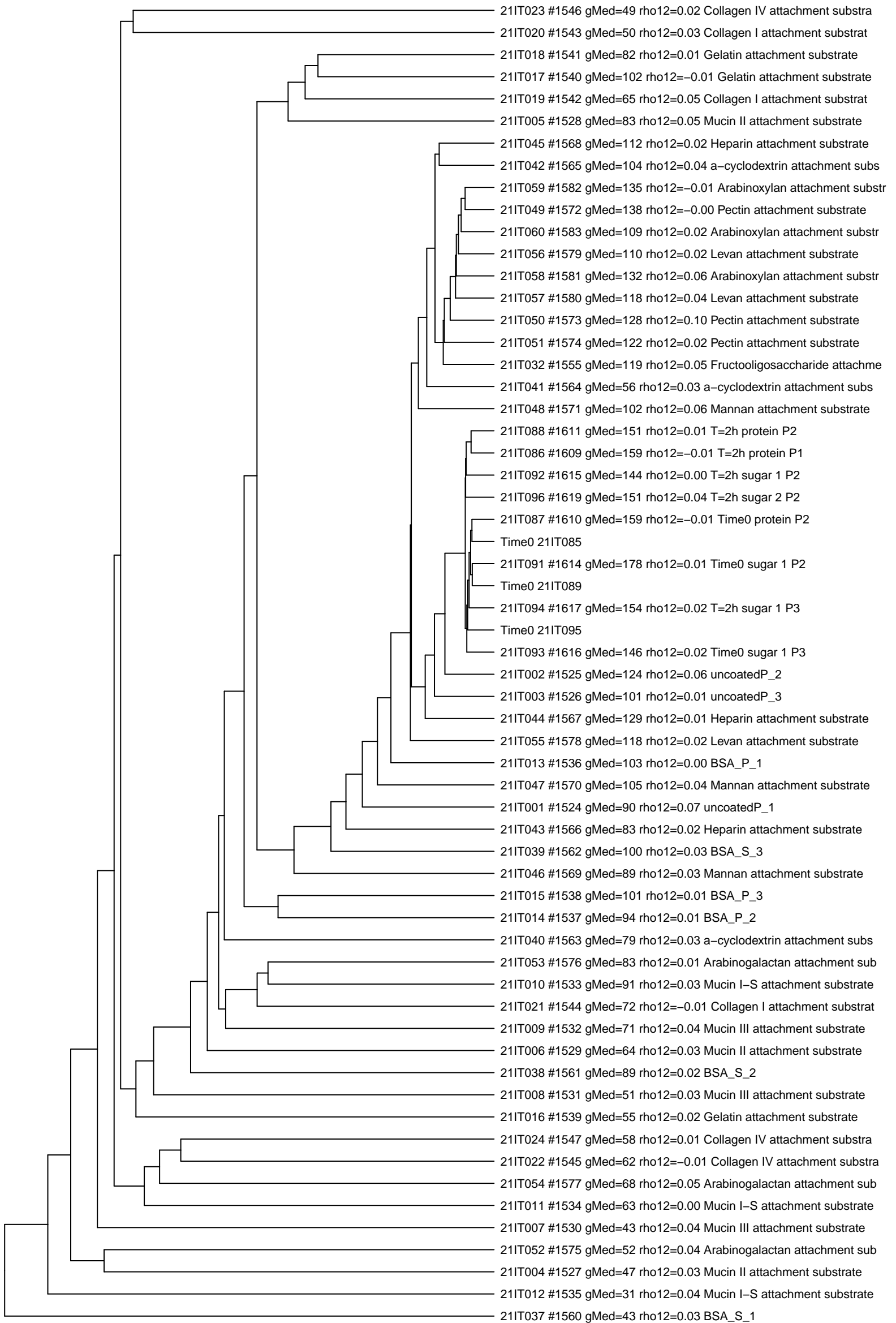


2/1/21 Btheta\_ML6\_set20 and similar samples  
(clustered by log-count)



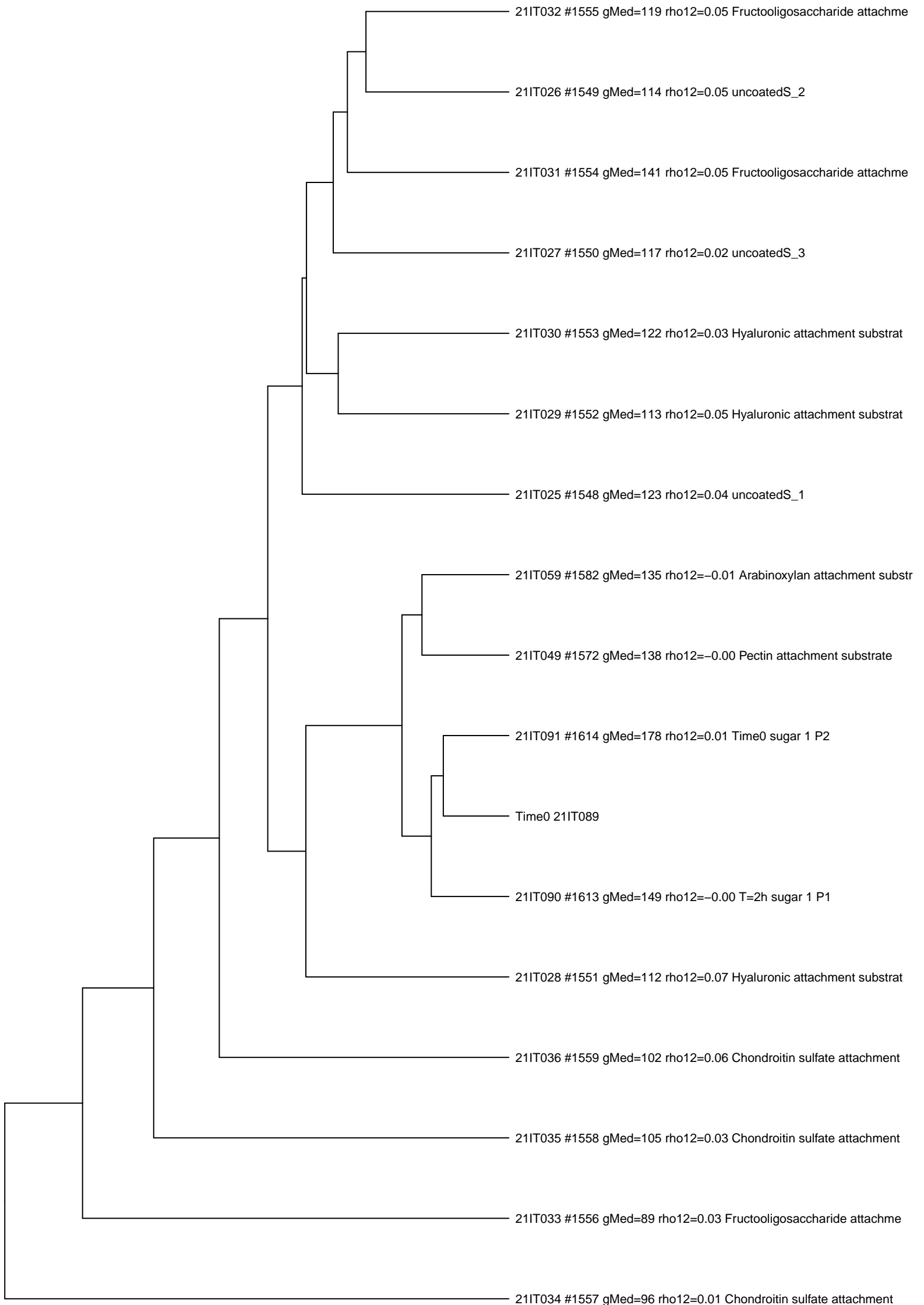
0.8 0.6 0.4 0.2 0.0

3/15/21-1 Btheta\_ML6\_set21 and similar samples  
(clustered by log-count)



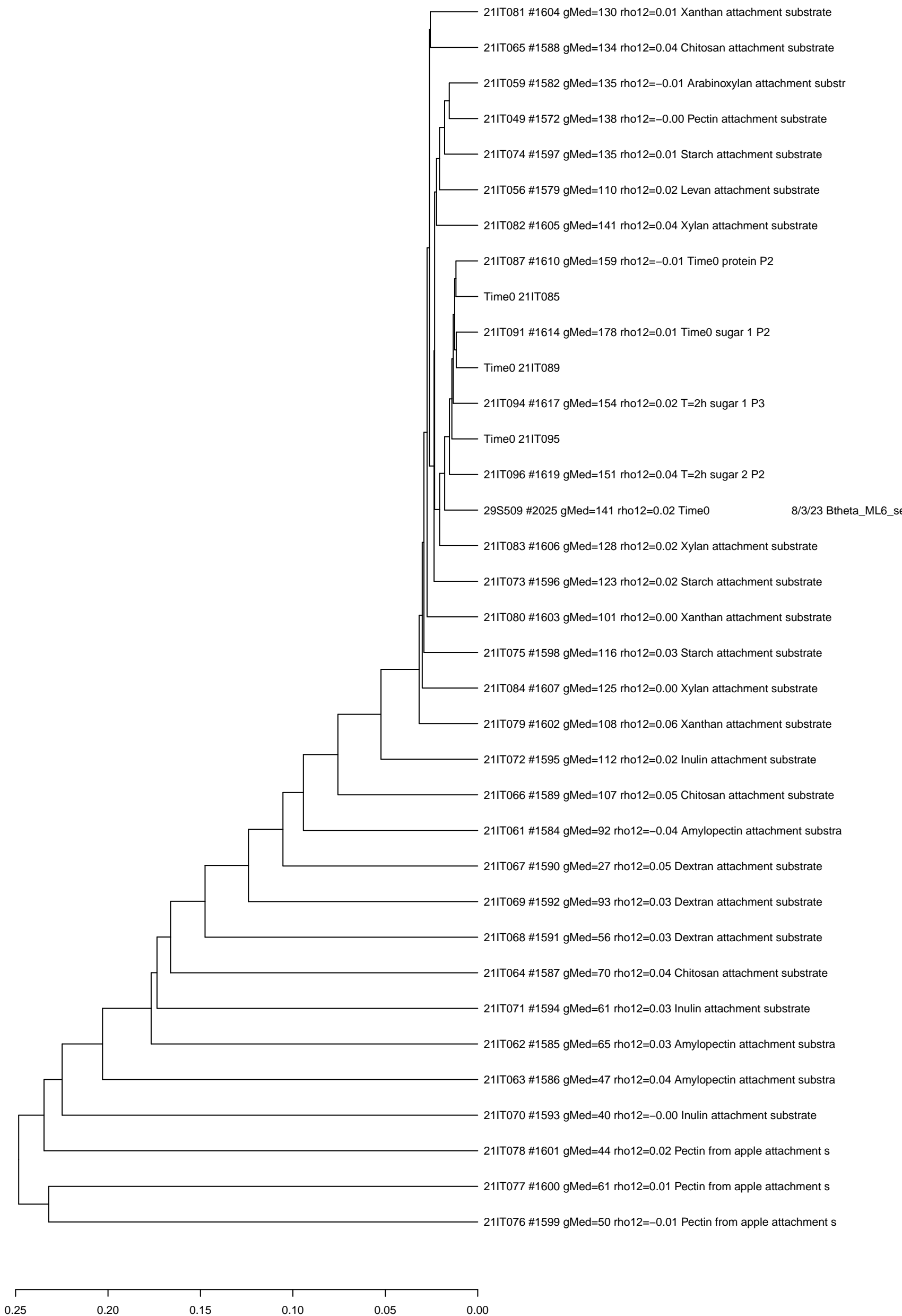
0.25 0.20 0.15 0.10 0.05 0.00

3/23/21-1 Btheta\_ML6\_set21 and similar samples  
(clustered by log-count)

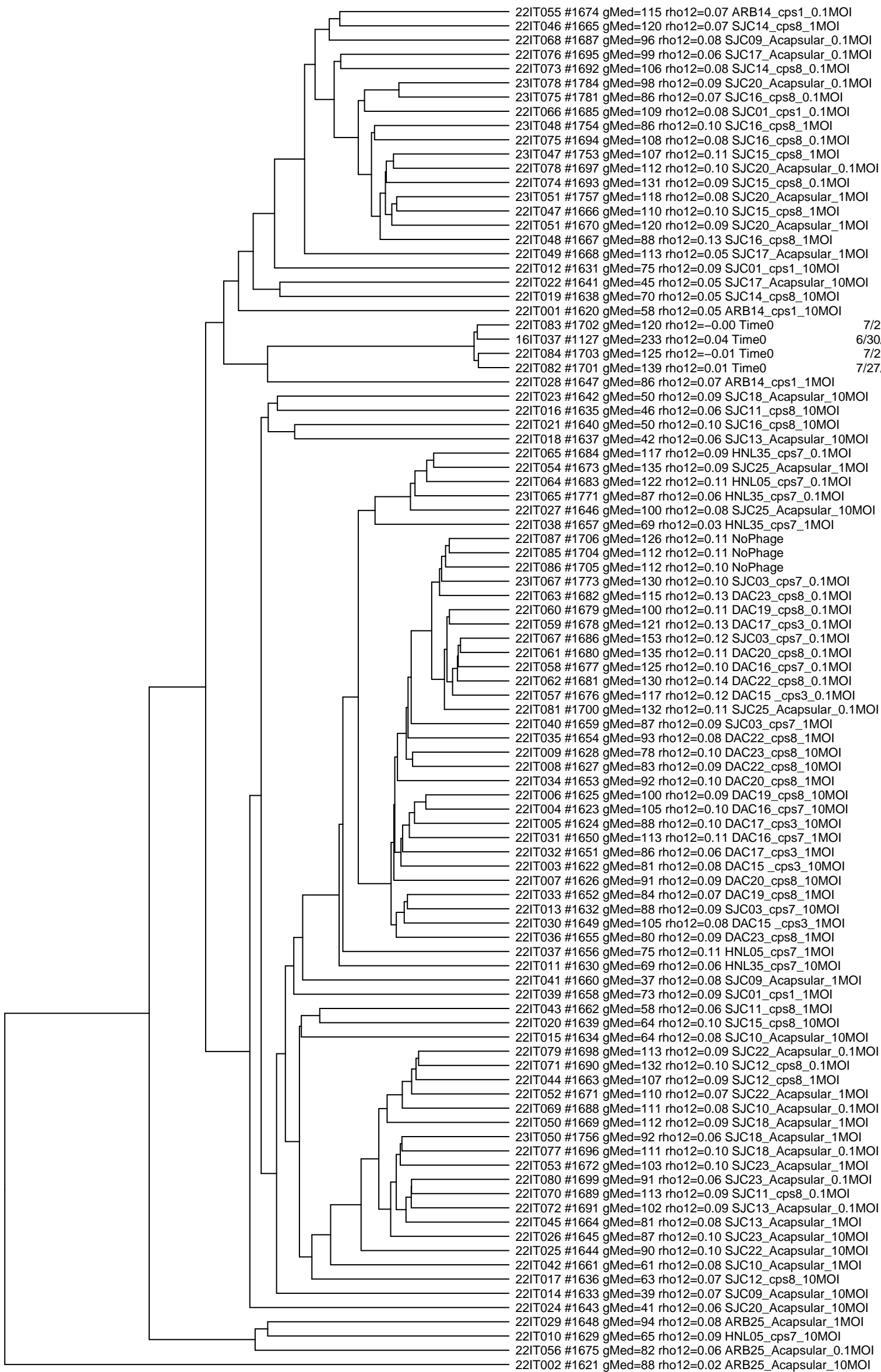


0.08 0.06 0.04 0.02 0.00

3/25/21 Btheta\_ML6\_set21 and similar samples  
(clustered by log-count)

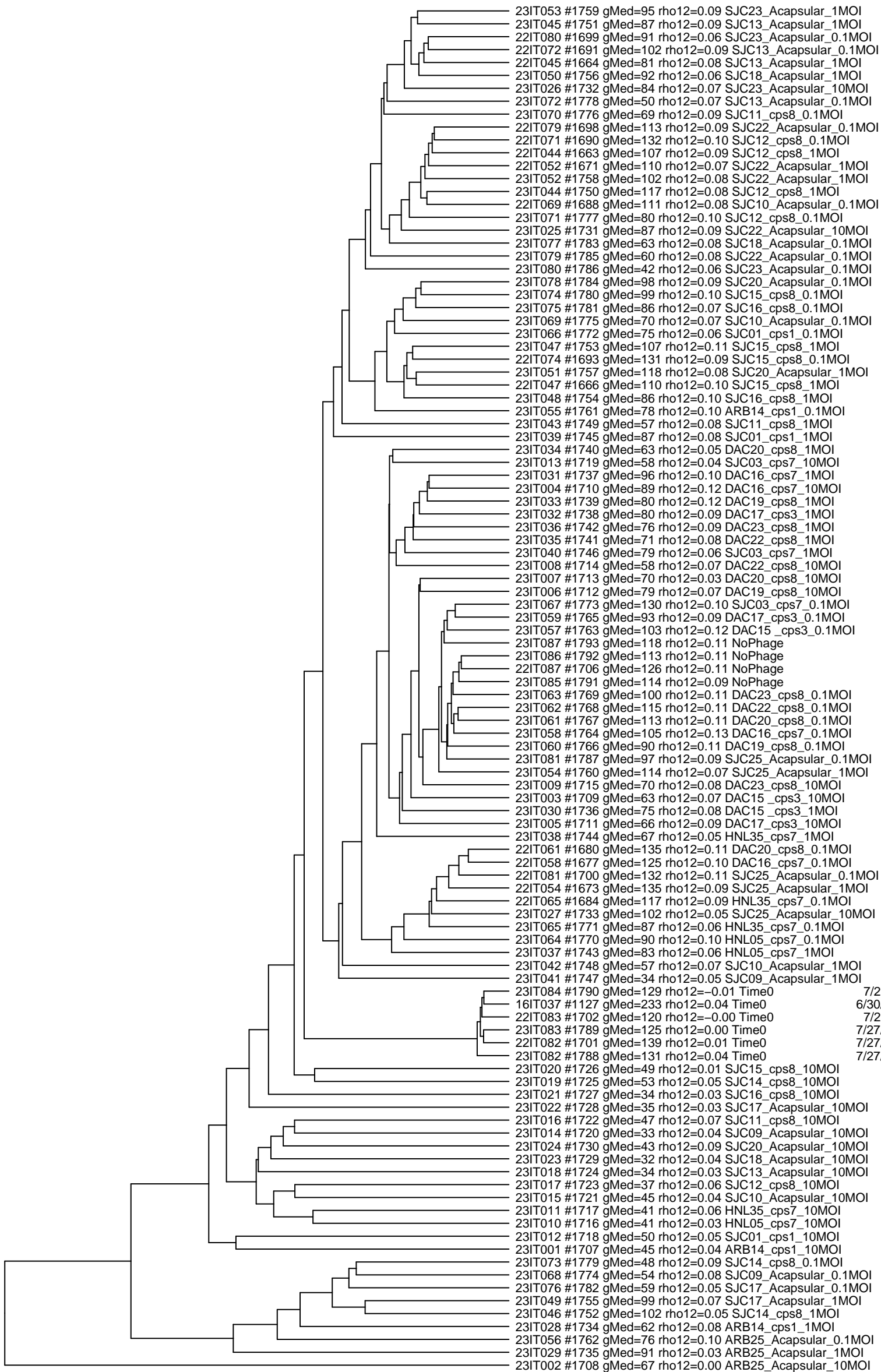


7/27/21 Btheta\_ML6\_set22 and similar samples  
(clustered by log-count)



0.15 0.10 0.05 0.00

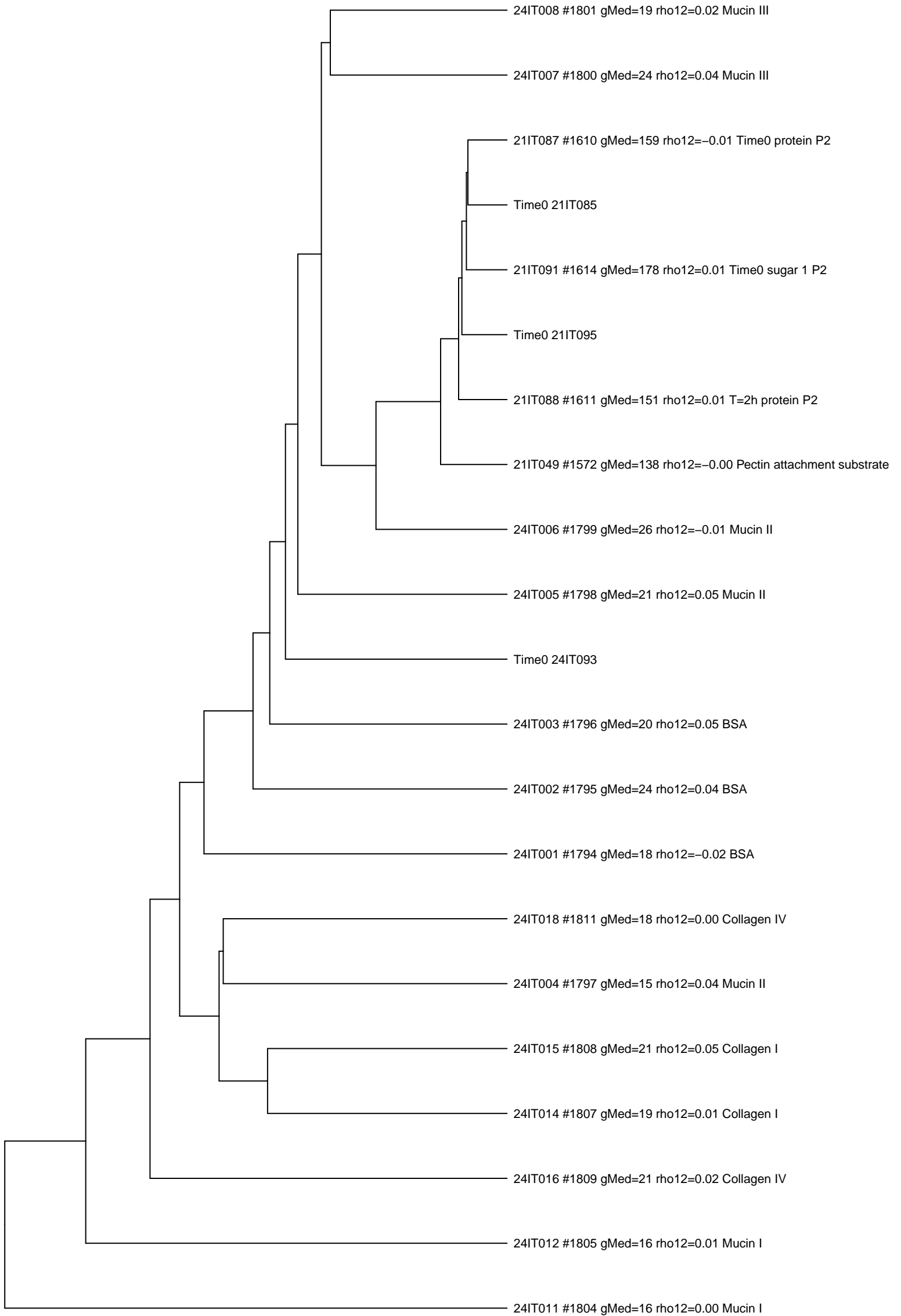
7/27/21 Btheta\_ML6\_set23 and similar samples  
(clustered by log-count)



7/27/21 Btheta\_ML6\_...  
6/30/20 Btheta\_ML6\_...  
7/27/21 Btheta\_ML6\_...  
7/27/21 Btheta\_ML6\_...  
7/27/21 Btheta\_ML6\_...

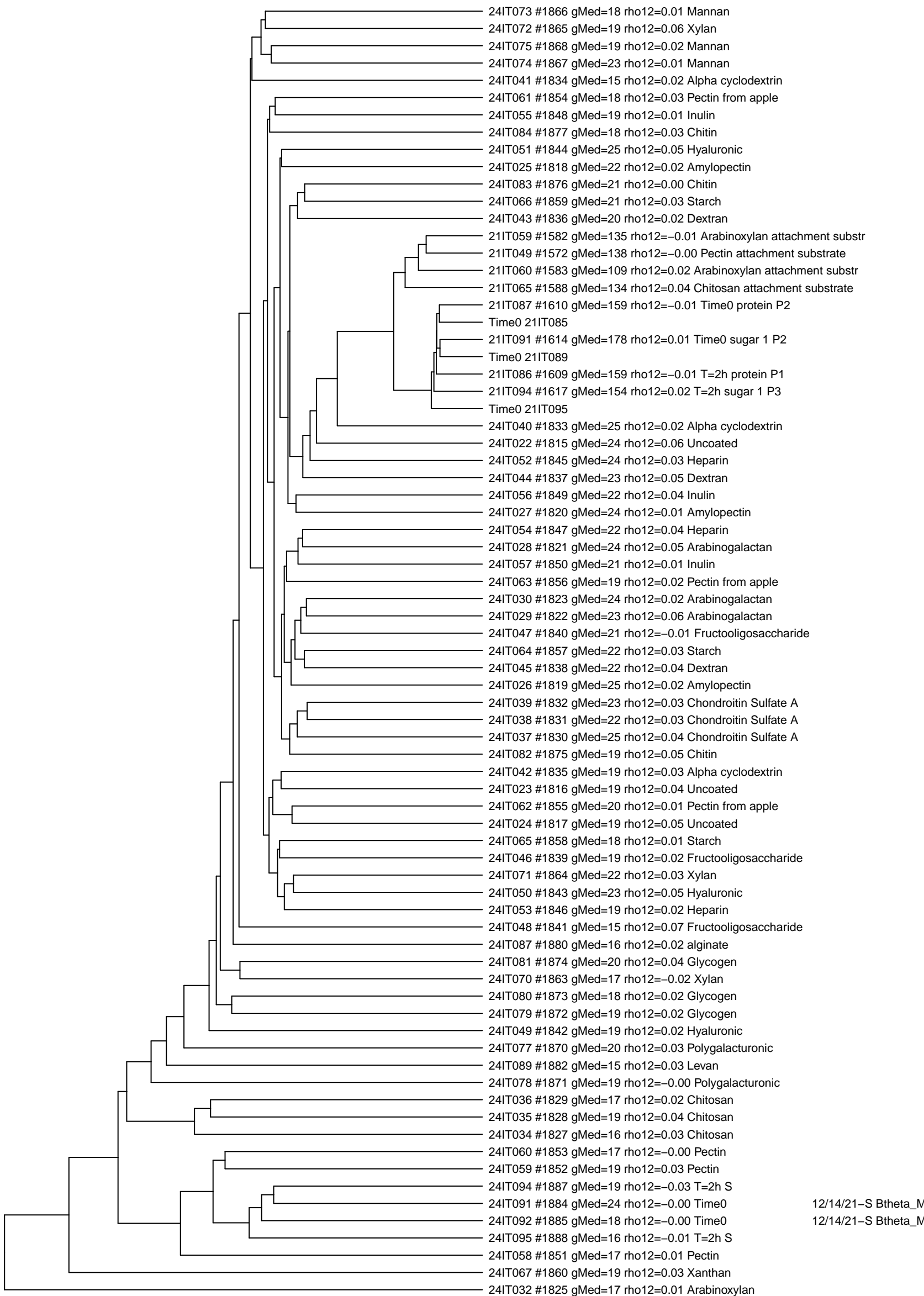
0.20 0.15 0.10 0.05 0.00

12/14/21-P Btheta\_ML6\_set24 and similar samples  
(clustered by log-count)



0.15 0.10 0.05 0.00

12/14/21-S Btheta\_ML6\_set24 and similar samples  
(clustered by log-count)



12/14/21-S Btheta\_M  
12/14/21-S Btheta\_M

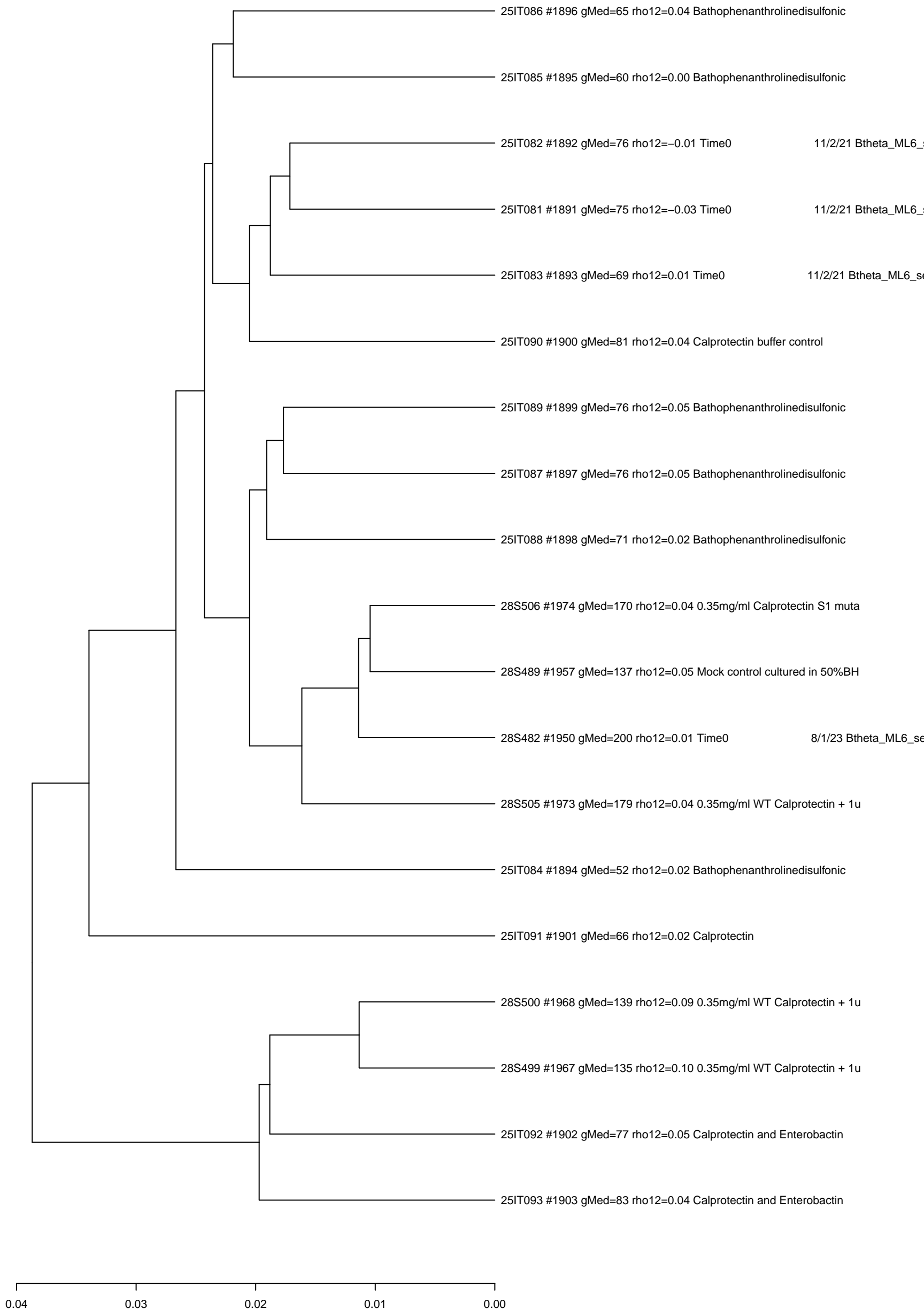
0.12 0.10 0.08 0.06 0.04 0.02 0.00

2-Nov-21 Btheta\_ML6\_set25 and similar samples  
(clustered by log-count)

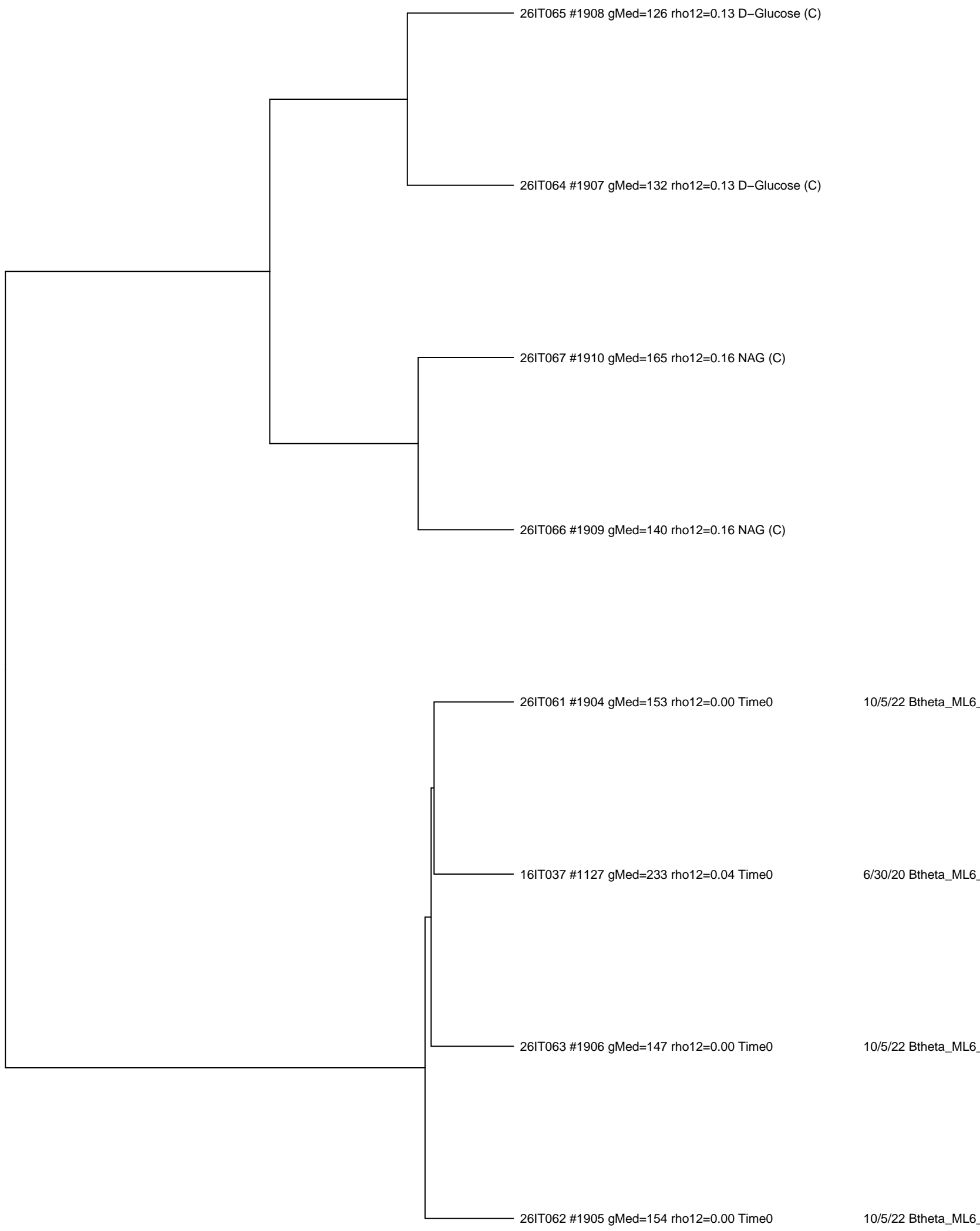


0.015 0.010 0.005 0.000

11/2/21 Btheta\_ML6\_set25 and similar samples  
(clustered by log-count)



10/5/22 Btheta\_ML6\_set26 and similar samples  
(clustered by log-count)



10/5/22 Btheta\_ML6\_

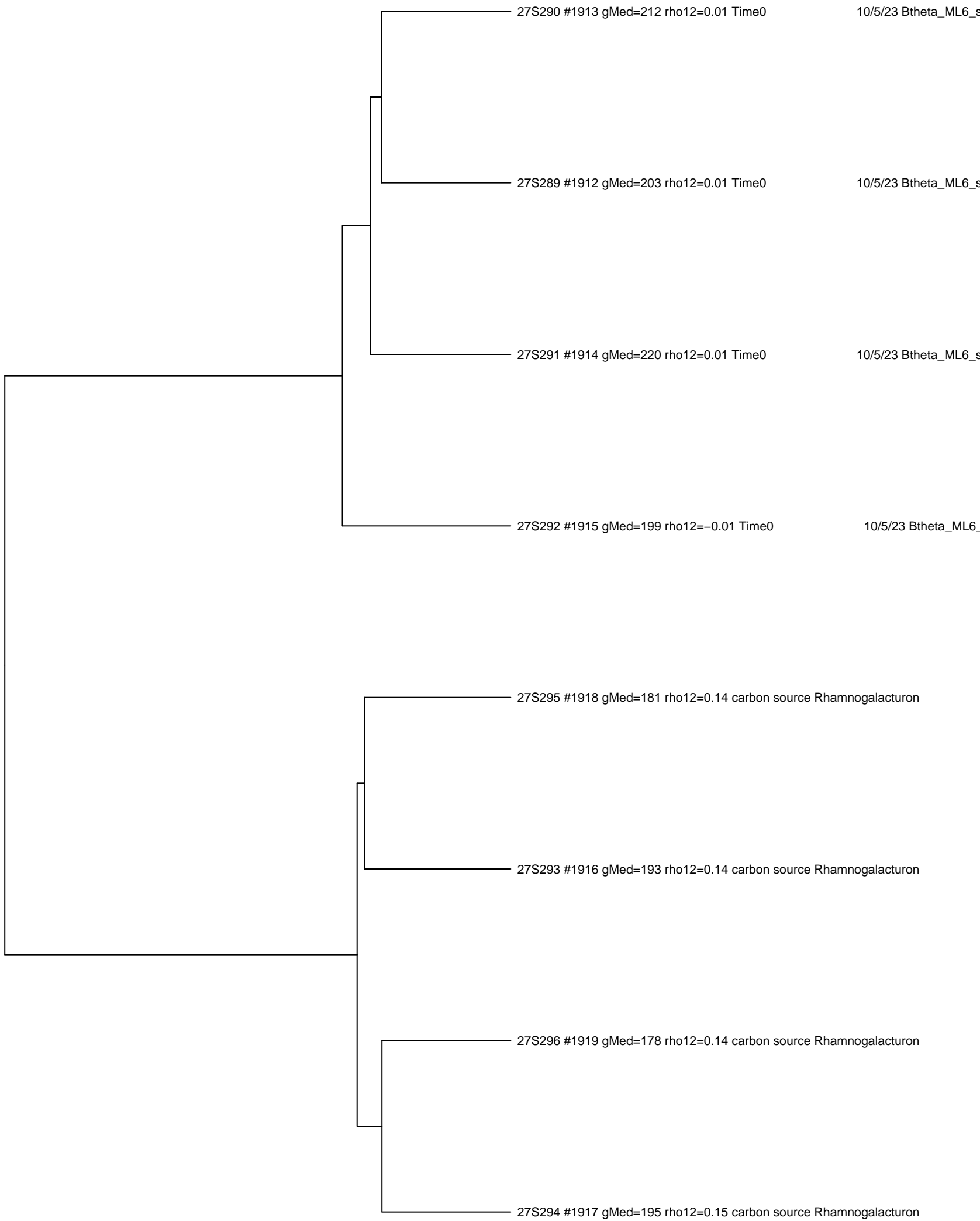
6/30/20 Btheta\_ML6\_

10/5/22 Btheta\_ML6\_

10/5/22 Btheta\_ML6\_

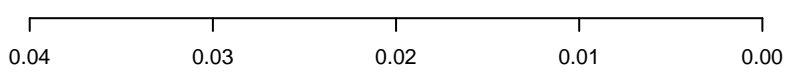
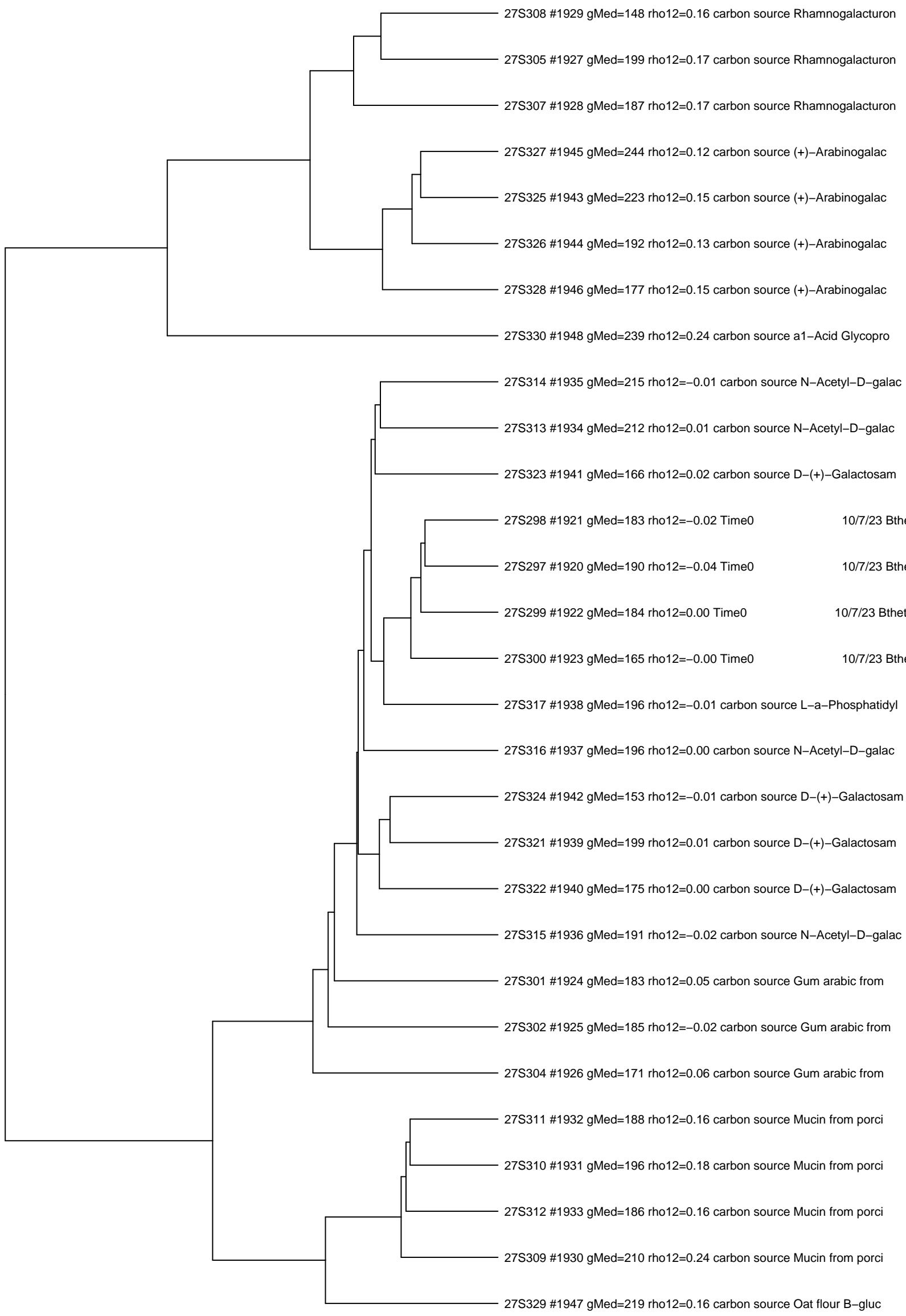
0.07 0.06 0.05 0.04 0.03 0.02 0.01 0.00

10/5/23 Btheta\_ML6\_set27 and similar samples  
(clustered by log-count)

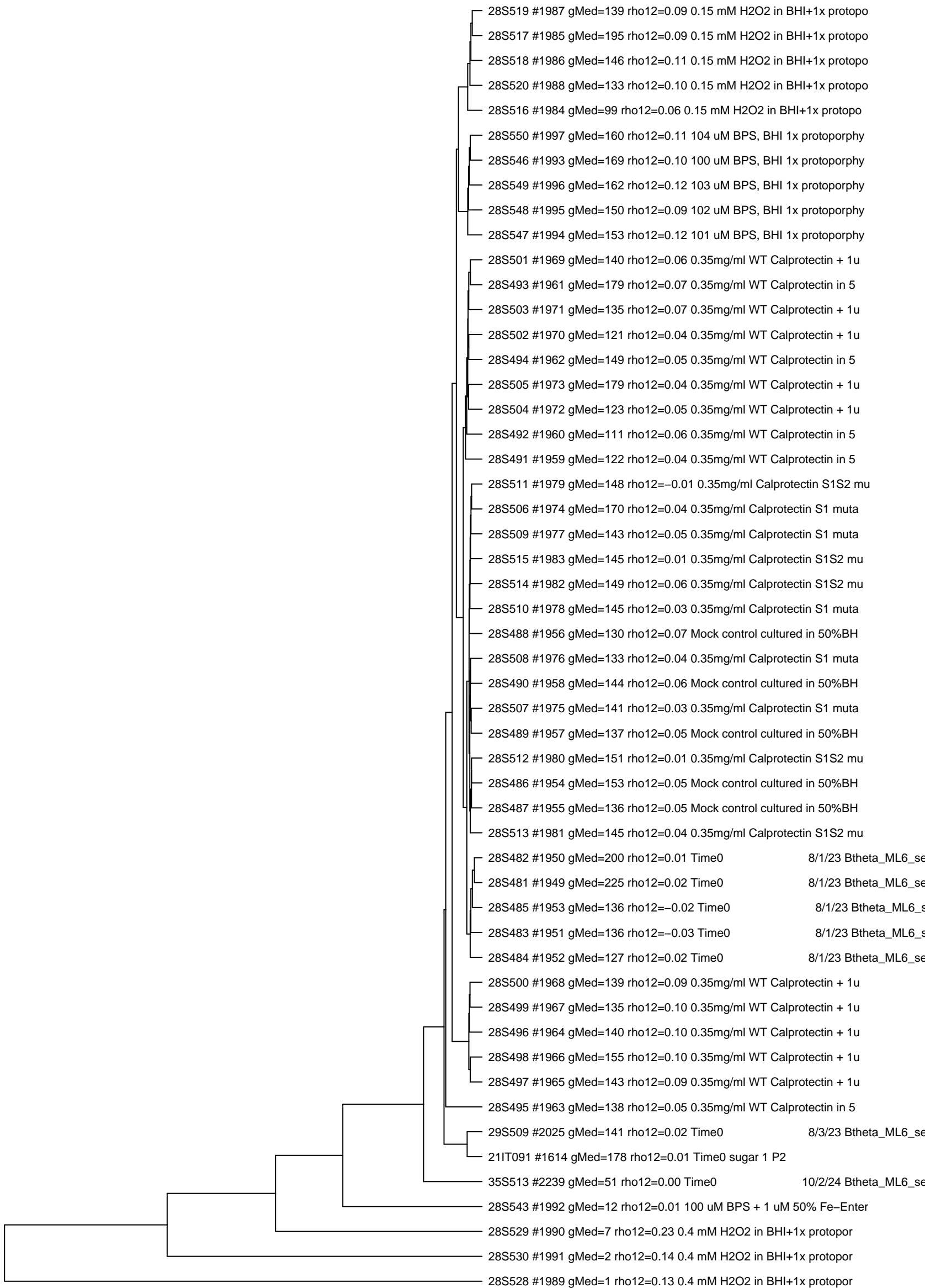


0.025 0.020 0.015 0.010 0.005 0.000

10/7/23 Btheta\_ML6\_set27 and similar samples  
(clustered by log-count)

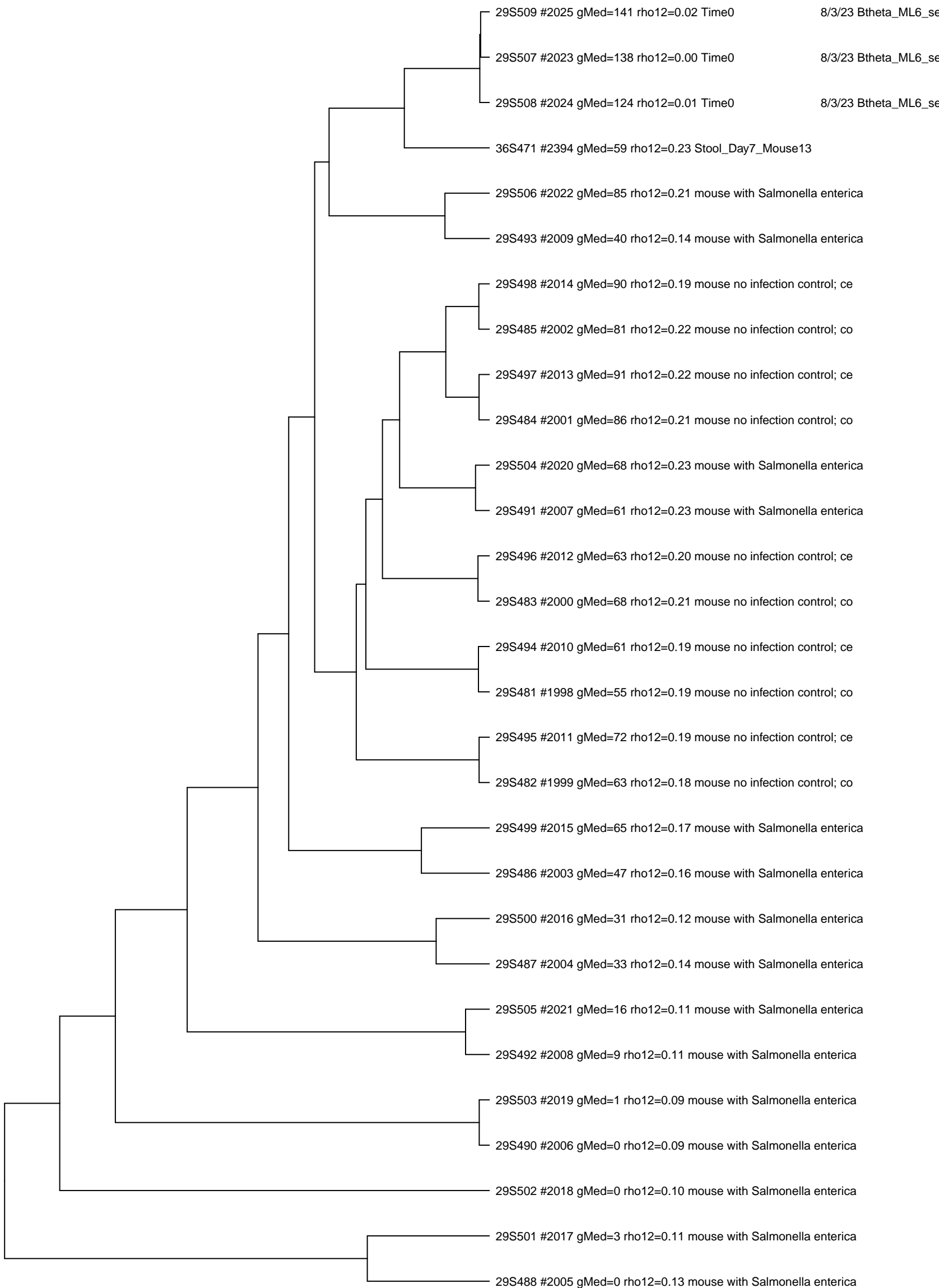


8/1/23 Btheta\_ML6\_set28 and similar samples  
(clustered by log-count)



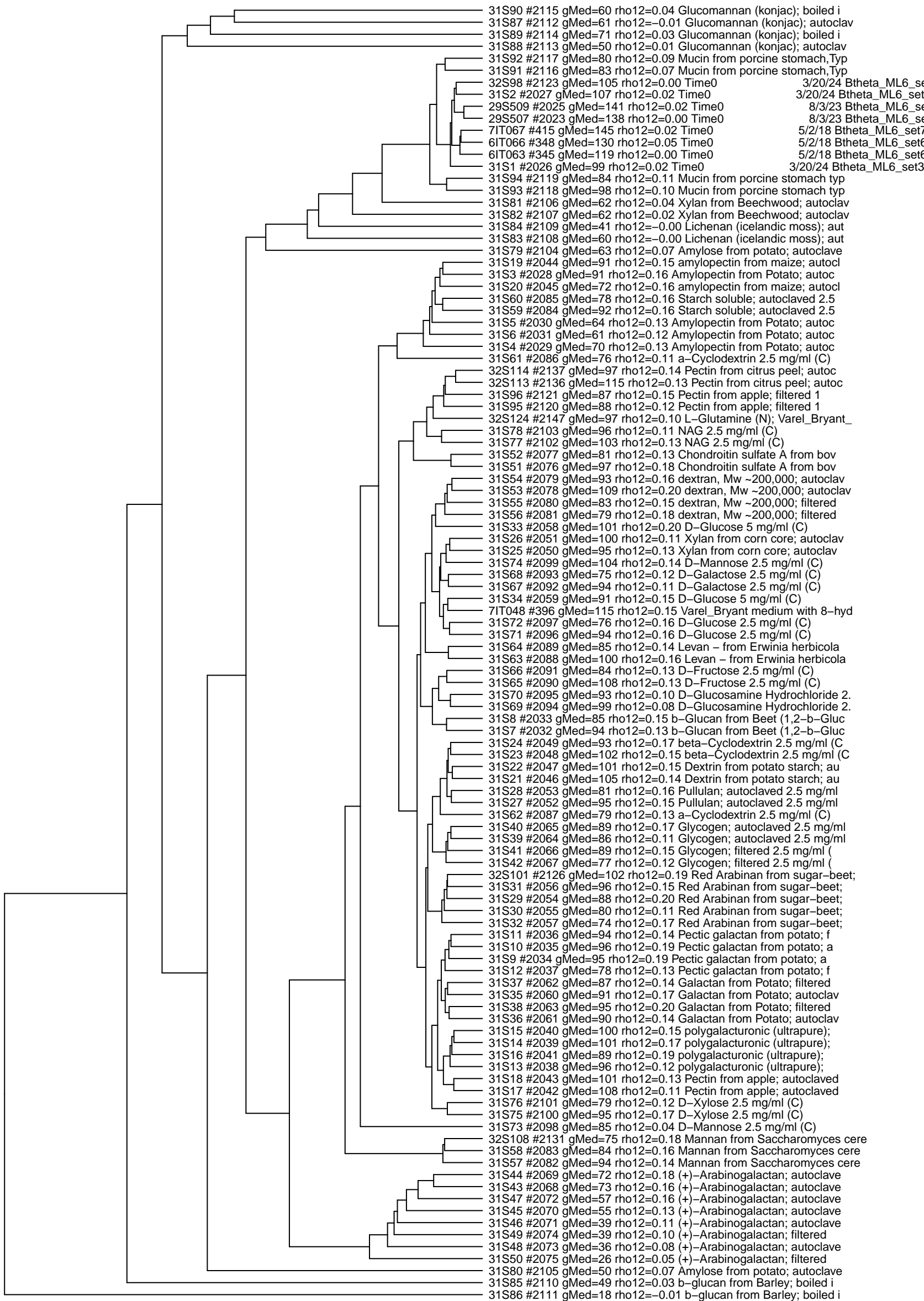
0.4 0.3 0.2 0.1 0.0

8/3/23 Btheta\_ML6\_set29 and similar samples  
(clustered by log-count)



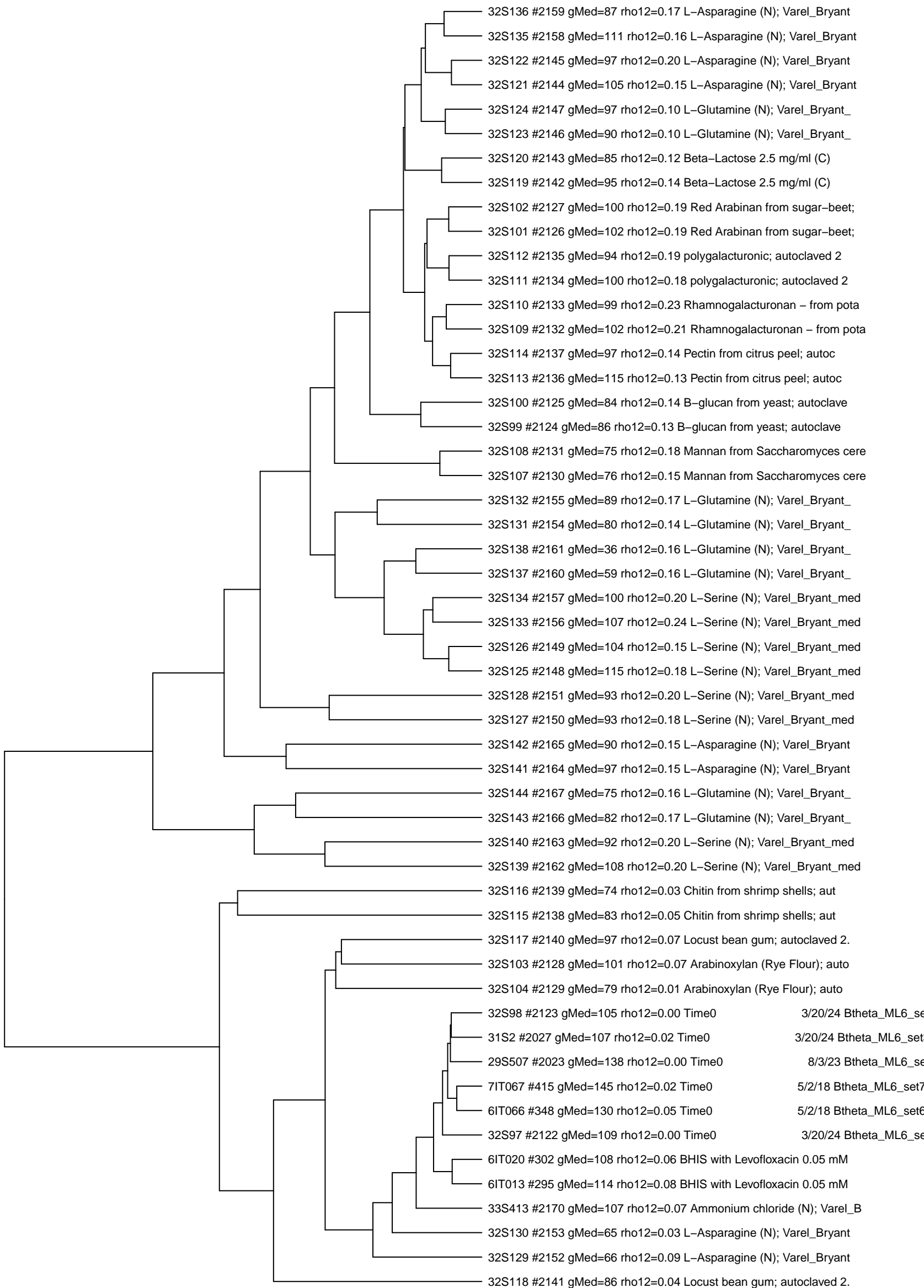
0.5 0.4 0.3 0.2 0.1 0.0

3/20/24 Btheta\_ML6\_set31 and similar samples  
(clustered by log-count)



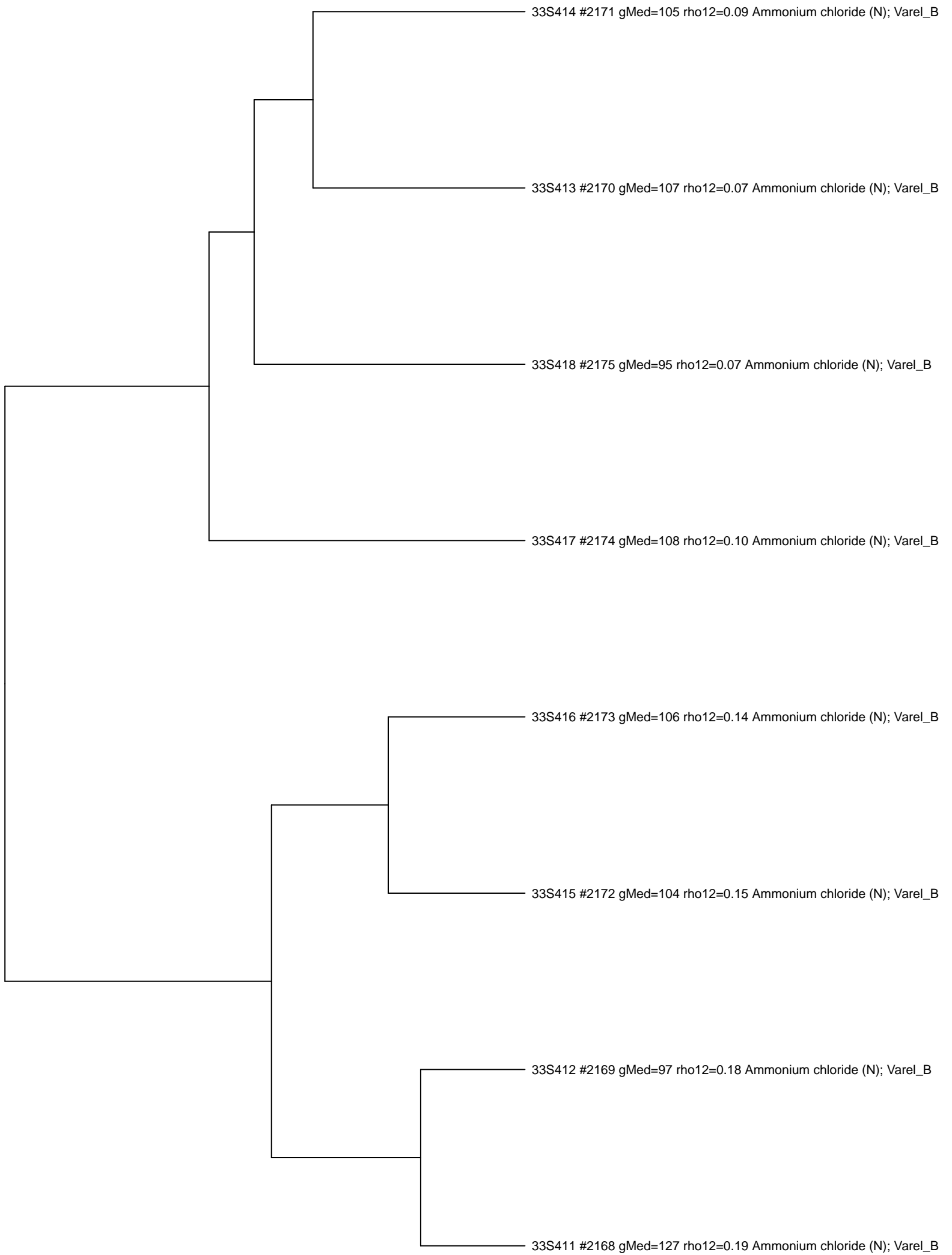
0.25 0.20 0.15 0.10 0.05 0.00

3/20/24 Btheta\_ML6\_set32 and similar samples  
(clustered by log-count)



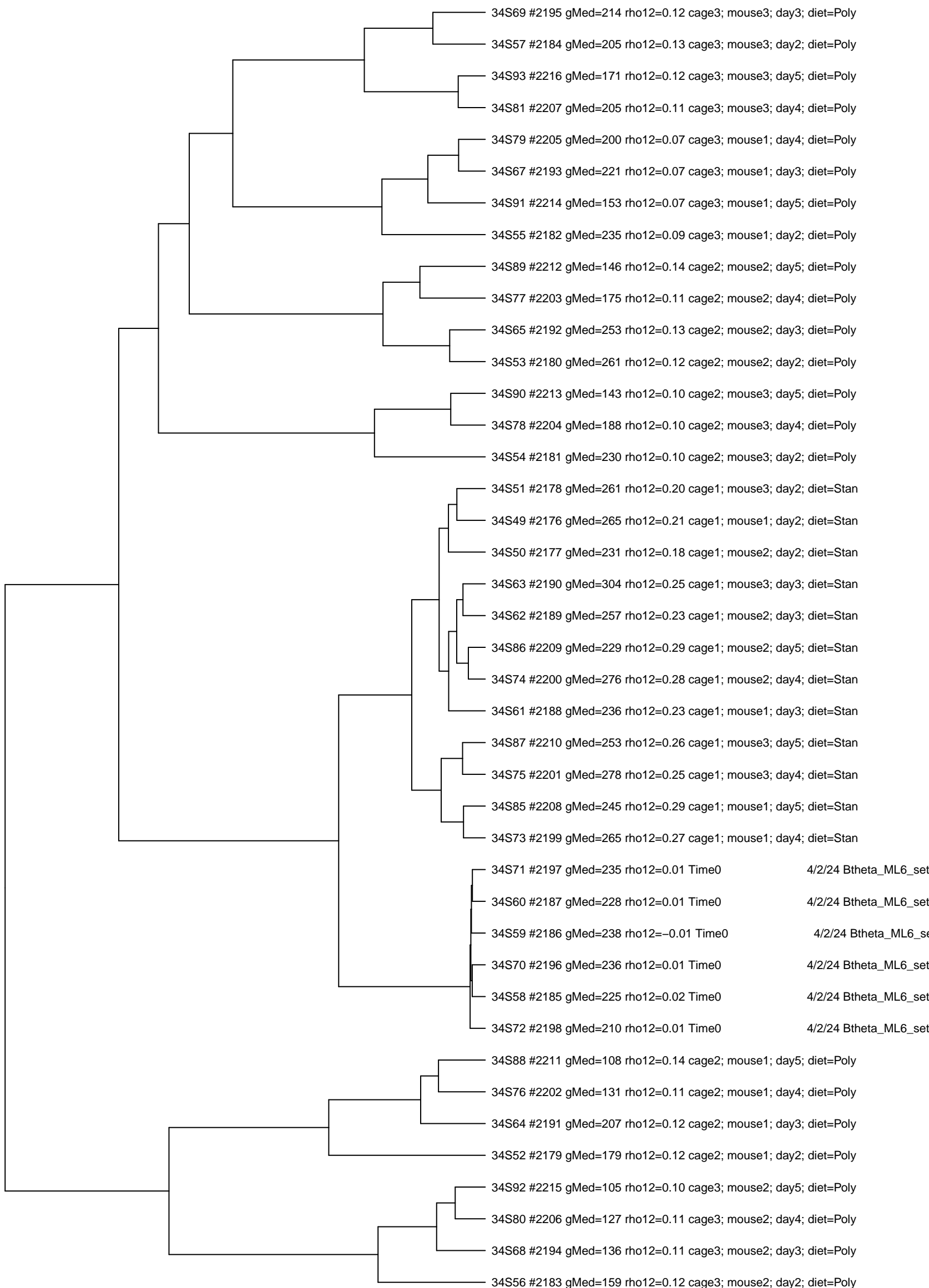
0.20 0.15 0.10 0.05 0.00

3/20/24 and similar samples  
(clustered by log-count)



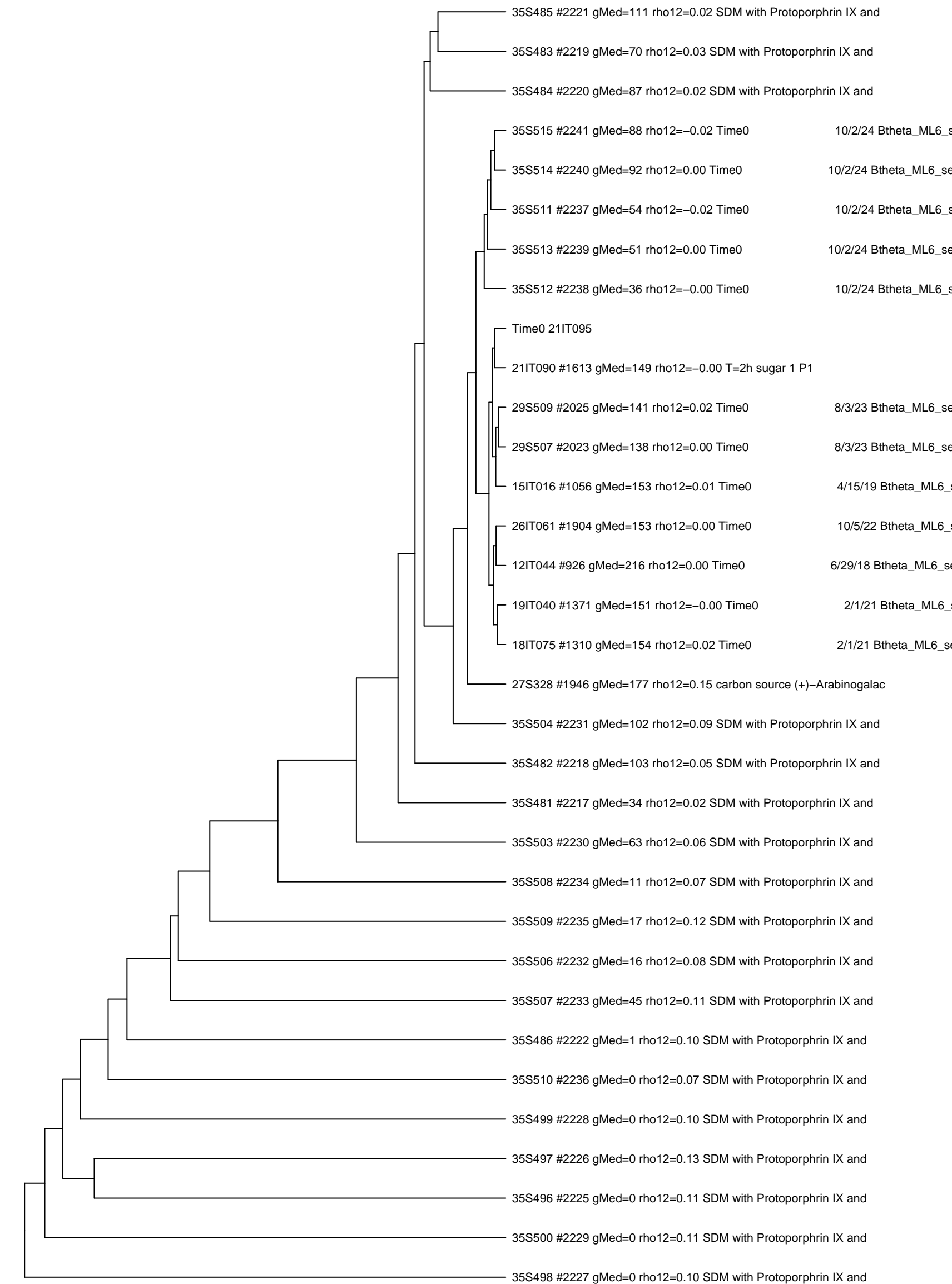
0.06 0.05 0.04 0.03 0.02 0.01 0.00

4/2/24 Btheta\_ML6\_set34 and similar samples  
(clustered by log-count)



0.25 0.20 0.15 0.10 0.05 0.00

10/2/24 Btheta\_ML6\_set35 and similar samples  
(clustered by log-count)



0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0

10/31/24 Btheta\_ML6\_set36 and similar samples  
(clustered by log-count)

