## Sheet1
| Table S4. Differentially abundant OTUs in multiphasic CMI responders and late responders. A q-value cutoff of q<0.05 was used. | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| OTU | mean(multiphasic) | variance(multiphasic) | std.err(multiphasic) | mean(late) | variance(late) | std.err(late) | p-value | q-value | # sequences in OTU | Phylum (% confidence) | Class (% confidence) | Order (% confidence) | Family (% confidence) | Genus (% confidence) | Species (% confidence) |
| Otu1883 | 0 | 0 | 0 | 0.000608 | 0.000005 | 0.000542 | 0.000999 | 0.02907 | 44 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Actinomycetales(100) | Actinomycetaceae(100) | Actinomyces(100) | otu\_279(89) |
| Otu1954 | 0.000116 | 0.0 | 0.000116 | 0 | 0 | 0 | 0.000849 | 0.02907 | 19 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Actinomycetales(100) | Microbacteriaceae(100) | Microbacterium(100) | Microbacterium\_oleivorans(100) |
| Otu1875 | 0 | 0 | 0 | 0.000122 | 0.0 | 0.000062 | 0.001192 | 0.033719 | 31 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Bifidobacteriales(100) | Bifidobacteriaceae(100) | Bifidobacterium(100) | unclassified |
| Otu1816 | 0.001571 | 0.000008 | 0.000539 | 0.000065 | 0.0 | 0.000047 | 0.000999 | 0.02907 | 370 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Adlercreutzia(100) | Adlercreutzia\_equolifaciens(100) |
| Otu1819 | 0 | 0 | 0 | 0.00108 | 0.000001 | 0.000289 | 0.000999 | 0.02907 | 172 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Adlercreutzia(100) | otu\_916(100) |
| Otu1822 | 0 | 0 | 0 | 0.000378 | 0.0 | 0.000169 | 0.000999 | 0.02907 | 23 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Adlercreutzia(100) | otu\_916(100) |
| Otu1821 | 0 | 0 | 0 | 0.000377 | 0.000001 | 0.000189 | 0.000999 | 0.02907 | 17 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Adlercreutzia(95) | otu\_916(95) |
| Otu1382 | 0 | 0 | 0 | 0.000202 | 0.0 | 0.000104 | 0.000004 | 0.001675 | 15 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Collinsella(100) | Collinsella\_aerofaciens(100) |
| Otu1377 | 0.008955 | 0.00018 | 0.002536 | 0.092482 | 0.008733 | 0.022666 | 0.000999 | 0.02907 | 14967 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Collinsella(100) | Collinsella\_aerofaciens(100) |
| Otu1379 | 0 | 0 | 0 | 0.00539 | 0.000322 | 0.004354 | 0.000999 | 0.02907 | 147 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Collinsella(100) | otu\_922(100) |
| Otu1915 | 0 | 0 | 0 | 0.000946 | 0.000002 | 0.000365 | 0.000999 | 0.02907 | 52 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | otu\_915(100) | unclassified(100) |
| Otu1857 | 0 | 0 | 0 | 0.000267 | 0.0 | 0.000114 | 0.0 | 0.000271 | 113 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | Coriobacteriaceae(100) | Slackia(100) | otu\_932(100) |
| Otu1922 | 0.002367 | 0.000007 | 0.000497 | 0.000098 | 0.0 | 0.000085 | 0.000999 | 0.02907 | 390 | Actinobacteria(100) | Actinobacteria\_(class)(100) | Coriobacteriales(100) | otu\_914(100) | unclassified(100) | unclassified(100) |
| Otu619 | 0.016961 | 0.001348 | 0.006939 | 0 | 0 | 0 | 0.000999 | 0.02907 | 1748 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_coprocola(100) |
| Otu598 | 0.000296 | 0.000001 | 0.000145 | 0.00002 | 0.0 | 0.00002 | 0.001626 | 0.044556 | 217 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_dorei(85) |
| Otu680 | 0 | 0 | 0 | 0.000646 | 0.000001 | 0.000193 | 0.000999 | 0.02907 | 37 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_finegoldii(100) |
| Otu693 | 0 | 0 | 0 | 0.000209 | 0.000001 | 0.000209 | 0.0 | 0.000086 | 31 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_fragilis(100) |
| Otu637 | 0 | 0 | 0 | 0.000111 | 0.0 | 0.000053 | 0.000388 | 0.02907 | 39 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_massiliensis(100) |
| Otu567 | 0.000025 | 0.0 | 0.000016 | 0.001231 | 0.000002 | 0.000333 | 0.000999 | 0.02907 | 459 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_massiliensis(99) |
| Otu581 | 0 | 0 | 0 | 0.000143 | 0.0 | 0.000061 | 0.001192 | 0.033719 | 73 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_massiliensis(99) |
| Otu566 | 0.000171 | 0.0 | 0.000053 | 0 | 0 | 0 | 0.000103 | 0.018941 | 35 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_ovatus(100) |
| Otu659 | 0.000569 | 0.000001 | 0.000193 | 0 | 0 | 0 | 0.000999 | 0.02907 | 55 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_stercoris(100) |
| Otu682 | 0.000204 | 0.0 | 0.000106 | 0 | 0 | 0 | 0.001493 | 0.041235 | 19 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | Bacteroides\_stercoris(100) |
| Otu559 | 0 | 0 | 0 | 0.000167 | 0.0 | 0.000107 | 0.000041 | 0.010352 | 181 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified |
| Otu553 | 0.024917 | 0.000731 | 0.005109 | 0.00003 | 0.0 | 0.000021 | 0.000999 | 0.02907 | 3563 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified |
| Otu650 | 0.000011 | 0.0 | 0.000008 | 0.000144 | 0.0 | 0.000084 | 0.000439 | 0.02907 | 20 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified |
| Otu706 | 0.000211 | 0.0 | 0.000116 | 0 | 0 | 0 | 0.001493 | 0.041235 | 18 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified |
| Otu613 | 0.000275 | 0.0 | 0.000123 | 0 | 0 | 0 | 0.000558 | 0.02907 | 30 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified(90) |
| Otu644 | 0 | 0 | 0 | 0.000305 | 0.0 | 0.000128 | 0.000004 | 0.001675 | 160 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Bacteroidaceae(100) | Bacteroides(100) | unclassified(97) |
| Otu1640 | 0 | 0 | 0 | 0.000161 | 0.0 | 0.000067 | 0.000388 | 0.02907 | 41 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | otu\_991(100) | unclassified(100) | unclassified(100) |
| Otu1841 | 0.000606 | 0.000001 | 0.000176 | 0 | 0 | 0 | 0.000999 | 0.02907 | 161 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Porphyromonadaceae(100) | Odoribacter(100) | otu\_1020(100) |
| Otu1813 | 0.000509 | 0.000001 | 0.000168 | 0 | 0 | 0 | 0.000999 | 0.02907 | 54 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Porphyromonadaceae(100) | otu\_1014(100) | unclassified(100) |
| Otu1246 | 0 | 0 | 0 | 0.00031 | 0.0 | 0.000122 | 0.0 | 0.000086 | 15 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Porphyromonadaceae(100) | Parabacteroides(100) | otu\_1022(80) |
| Otu1247 | 0.000005 | 0.0 | 0.000005 | 0.00035 | 0.000002 | 0.000312 | 0.000291 | 0.02907 | 14 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Porphyromonadaceae(100) | Parabacteroides(100) | Parabacteroides\_distasonis(100) |
| Otu1243 | 0.000015 | 0.0 | 0.000015 | 0.000187 | 0.0 | 0.000124 | 0.000104 | 0.018941 | 27 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Porphyromonadaceae(100) | Parabacteroides(100) | unclassified(97) |
| Otu1631 | 0 | 0 | 0 | 0.000155 | 0.0 | 0.000105 | 0.000041 | 0.010352 | 74 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | otu\_1033(100) | unclassified(100) |
| Otu1624 | 0.000009 | 0.0 | 0.000009 | 0.002024 | 0.000014 | 0.0009 | 0.000999 | 0.02907 | 1379 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | otu\_1033(100) | unclassified(100) |
| Otu1644 | 0 | 0 | 0 | 0.000491 | 0.000001 | 0.000219 | 0.000999 | 0.02907 | 29 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | otu\_1033(100) | unclassified(100) |
| Otu1633 | 0 | 0 | 0 | 0.000093 | 0.0 | 0.000052 | 0.001192 | 0.033719 | 99 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | otu\_1033(100) | unclassified(100) |
| Otu1116 | 0 | 0 | 0 | 0.000161 | 0.0 | 0.00006 | 0.000126 | 0.018941 | 24 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1118 | 0 | 0 | 0 | 0.000141 | 0.0 | 0.000067 | 0.000126 | 0.018941 | 17 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1050 | 0.000005 | 0.0 | 0.000005 | 0.008108 | 0.000331 | 0.004409 | 0.000999 | 0.02907 | 2093 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1096 | 0.00001 | 0.0 | 0.00001 | 0.007087 | 0.000118 | 0.002636 | 0.000999 | 0.02907 | 1850 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1109 | 0 | 0 | 0 | 0.00063 | 0.000001 | 0.000277 | 0.000999 | 0.02907 | 185 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1114 | 0 | 0 | 0 | 0.002629 | 0.000047 | 0.001665 | 0.000999 | 0.02907 | 251 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1115 | 0 | 0 | 0 | 0.000489 | 0.000001 | 0.000253 | 0.000999 | 0.02907 | 217 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1117 | 0 | 0 | 0 | 0.000119 | 0.0 | 0.000075 | 0.000388 | 0.02907 | 51 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | otu\_1034(100) |
| Otu1057 | 0.000098 | 0.0 | 0.000029 | 0.07887 | 0.020291 | 0.034549 | 0.000999 | 0.02907 | 57803 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | Prevotella\_copri(99) |
| Otu1055 | 0.000019 | 0.0 | 0.000013 | 0.000174 | 0.000001 | 0.000174 | 0.000439 | 0.02907 | 49 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified |
| Otu1068 | 0 | 0 | 0 | 0.00012 | 0.0 | 0.000069 | 0.000388 | 0.02907 | 136 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified |
| Otu1078 | 0 | 0 | 0 | 0.00065 | 0.000002 | 0.000354 | 0.000999 | 0.02907 | 96 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified |
| Otu1108 | 0 | 0 | 0 | 0.00055 | 0.000003 | 0.000438 | 0.000999 | 0.02907 | 41 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified |
| Otu1113 | 0 | 0 | 0 | 0.000296 | 0.000001 | 0.00021 | 0.0 | 0.000086 | 48 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified(100) |
| Otu1061 | 0 | 0 | 0 | 0.00031 | 0.000001 | 0.000179 | 0.000999 | 0.02907 | 50 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified(86) |
| Otu1062 | 0 | 0 | 0 | 0.000221 | 0.0 | 0.000092 | 0.000001 | 0.00077 | 50 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified(96) |
| Otu1069 | 0 | 0 | 0 | 0.000771 | 0.000005 | 0.000519 | 0.000999 | 0.02907 | 256 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified(97) |
| Otu1083 | 0 | 0 | 0 | 0.000747 | 0.000003 | 0.000398 | 0.000999 | 0.02907 | 167 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Prevotellaceae(100) | Prevotella(100) | unclassified(99) |
| Otu1335 | 0.001815 | 0.000007 | 0.000502 | 0.015328 | 0.000295 | 0.004166 | 0.000999 | 0.02907 | 2376 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | Alistipes(100) | otu\_1053(100) |
| Otu1337 | 0.000329 | 0.000001 | 0.000137 | 0 | 0 | 0 | 0.000999 | 0.02907 | 871 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | Alistipes(100) | otu\_1053(100) |
| Otu1339 | 0.001557 | 0.00001 | 0.000604 | 0.009411 | 0.000044 | 0.001609 | 0.000999 | 0.02907 | 1373 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | Alistipes(100) | otu\_1053(100) |
| Otu1346 | 0 | 0 | 0 | 0.000479 | 0.000001 | 0.000191 | 0.000999 | 0.02907 | 52 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | Alistipes(100) | otu\_1053(100) |
| Otu1880 | 0 | 0 | 0 | 0.000786 | 0.000001 | 0.000279 | 0.000999 | 0.02907 | 92 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | otu\_1052(100) | unclassified(100) |
| Otu1881 | 0.000309 | 0.0 | 0.000105 | 0 | 0 | 0 | 0.000999 | 0.02907 | 82 | Bacteroidetes(100) | Bacteroidia(100) | Bacteroidales(100) | Rikenellaceae(100) | otu\_1052(100) | unclassified(100) |
| Otu1780 | 0.000225 | 0.000001 | 0.000225 | 0 | 0 | 0 | 0.000115 | 0.018941 | 26 | Firmicutes(100) | Bacilli(100) | Lactobacillales(100) | Lactobacillaceae(100) | Lactobacillus(100) | Lactobacillus\_zeae(100) |
| Otu1613 | 0.000267 | 0.0 | 0.000079 | 0 | 0 | 0 | 0.000115 | 0.018941 | 48 | Firmicutes(100) | Bacilli(100) | Lactobacillales(100) | Streptococcaceae(100) | Streptococcus(100) | Streptococcus\_parasanguinis(100) |
| Otu1606 | 0.005158 | 0.000119 | 0.002058 | 0.000403 | 0.000001 | 0.000216 | 0.000999 | 0.02907 | 1812 | Firmicutes(100) | Bacilli(100) | Lactobacillales(100) | Streptococcaceae(100) | Streptococcus(100) | unclassified |
| Otu1713 | 0.000021 | 0.0 | 0.000021 | 0.00027 | 0.0 | 0.000078 | 0.000063 | 0.013936 | 34 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(100) | otu\_1998(100) | unclassified(100) |
| Otu1699 | 0.00396 | 0.000056 | 0.001414 | 0 | 0 | 0 | 0.000999 | 0.02907 | 616 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(100) | otu\_1998(100) | unclassified(100) |
| Otu1701 | 0.000016 | 0.0 | 0.000016 | 0.001171 | 0.000004 | 0.0005 | 0.000999 | 0.02907 | 388 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(100) | otu\_1998(100) | unclassified(100) |
| Otu1705 | 0.000378 | 0.000001 | 0.000144 | 0 | 0 | 0 | 0.000999 | 0.02907 | 55 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(100) | otu\_1998(100) | unclassified(100) |
| Otu1722 | 0.000159 | 0.0 | 0.000075 | 0.000013 | 0.0 | 0.000013 | 0.001626 | 0.044556 | 100 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(100) | otu\_1998(100) | unclassified(100) |
| Otu1719 | 0.000046 | 0.0 | 0.000025 | 0.000298 | 0.0 | 0.000074 | 0.000124 | 0.018941 | 26 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Catabacteriaceae(97) | otu\_1998(97) | unclassified(97) |
| Otu1945 | 0.000019 | 0.0 | 0.000013 | 0.000125 | 0.0 | 0.000125 | 0.001133 | 0.032846 | 13 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Clostridiales\_Family\_XI.\_Incertae\_Sedis(100) | Finegoldia(100) | unclassified |
| Otu1932 | 0 | 0 | 0 | 0.00045 | 0.000002 | 0.000329 | 0.000999 | 0.02907 | 31 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Clostridiales\_Family\_XI.\_Incertae\_Sedis(100) | Peptoniphilus(100) | Peptoniphilus\_asaccharolyticus(100) |
| Otu1823 | 0.000043 | 0.0 | 0.000025 | 0.001789 | 0.000012 | 0.000835 | 0.000999 | 0.02907 | 90 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Clostridiales\_Family\_XIII.\_Incertae\_Sedis(100) | otu\_2066(96) | unclassified(96) |
| Otu1943 | 0 | 0 | 0 | 0.000375 | 0.000001 | 0.000179 | 0.000999 | 0.02907 | 18 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Eubacteriaceae(100) | Anaerofustis(100) | Anaerofustis\_stercorihominis(100) |
| Otu1885 | 0 | 0 | 0 | 0.004077 | 0.000083 | 0.002216 | 0.000999 | 0.02907 | 233 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Eubacteriaceae(100) | Eubacterium(100) | unclassified(100) |
| Otu550 | 0.000421 | 0.000001 | 0.000153 | 0 | 0 | 0 | 0.000999 | 0.02907 | 135 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | Blautia\_producta(100) |
| Otu491 | 0.000027 | 0.0 | 0.000019 | 0.000202 | 0.0 | 0.000102 | 0.000222 | 0.028947 | 81 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | otu\_2094(100) |
| Otu482 | 0.000341 | 0.0 | 0.000086 | 0.000013 | 0.0 | 0.000013 | 0.000999 | 0.02907 | 207 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | otu\_2094(100) |
| Otu489 | 0.005825 | 0.000077 | 0.001659 | 0.000367 | 0.000001 | 0.000186 | 0.000999 | 0.02907 | 1046 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | otu\_2094(100) |
| Otu495 | 0.000739 | 0.000001 | 0.000197 | 0 | 0 | 0 | 0.000999 | 0.02907 | 104 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | otu\_2094(100) |
| Otu509 | 0.001302 | 0.000004 | 0.000396 | 0 | 0 | 0 | 0.000999 | 0.02907 | 165 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(100) | otu\_2094(100) |
| Otu500 | 0.000009 | 0.0 | 0.000009 | 0.000172 | 0.0 | 0.00014 | 0.000013 | 0.00429 | 25 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Blautia(96) | otu\_2094(96) |
| Otu1229 | 0.00001 | 0.0 | 0.00001 | 0.000217 | 0.0 | 0.000122 | 0.000009 | 0.003087 | 203 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Clostridium(100) | Clostridium\_scindens(100) |
| Otu1218 | 0.000236 | 0.0 | 0.000063 | 0 | 0 | 0 | 0.000036 | 0.010352 | 90 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Clostridium(100) | otu\_2101(100) |
| Otu1222 | 0.000346 | 0.0 | 0.000102 | 0.000017 | 0.0 | 0.000017 | 0.000999 | 0.02907 | 91 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Clostridium(100) | otu\_2101(100) |
| Otu1226 | 0.000194 | 0.0 | 0.000065 | 0 | 0 | 0 | 0.000558 | 0.02907 | 96 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Clostridium(97) | otu\_2101(97) |
| Otu956 | 0.000007 | 0.0 | 0.000007 | 0.000185 | 0.0 | 0.000127 | 0.000005 | 0.001675 | 17 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Coprococcus(100) | otu\_2107(100) |
| Otu848 | 0.000003 | 0.0 | 0.000003 | 0.000176 | 0.0 | 0.00012 | 0.000291 | 0.02907 | 79 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Coprococcus(100) | unclassified |
| Otu831 | 0.00001 | 0.0 | 0.00001 | 0.000343 | 0.000001 | 0.000189 | 0.0 | 0.000133 | 20 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Coprococcus(95) | otu\_2107(95) |
| Otu1249 | 0.009723 | 0.000049 | 0.001317 | 0.001239 | 0.00001 | 0.000784 | 0.000999 | 0.02907 | 4543 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Eubacterium(100) | otu\_2116(100) |
| Otu1257 | 0.00059 | 0.000001 | 0.000165 | 0 | 0 | 0 | 0.000999 | 0.02907 | 149 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Eubacterium(100) | otu\_2116(100) |
| Otu8 | 0.000328 | 0.0 | 0.000082 | 0 | 0 | 0 | 0.000999 | 0.02907 | 165 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Incertae\_sedis(100) | otu\_2088(100) |
| Otu190 | 0.000217 | 0.0 | 0.000067 | 0 | 0 | 0 | 0.000103 | 0.018941 | 33 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Incertae\_sedis(85) | otu\_2088(85) |
| Otu218 | 0.000244 | 0.0 | 0.000063 | 0 | 0 | 0 | 0.000999 | 0.02907 | 53 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Incertae\_sedis(99) | otu\_2088(99) |
| Otu1273 | 0.000602 | 0.000001 | 0.0002 | 0 | 0 | 0 | 0.000999 | 0.02907 | 274 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Lachnospira(99) | otu\_2121(99) |
| Otu62 | 0.000022 | 0.0 | 0.000016 | 0.000237 | 0.0 | 0.000162 | 0.000063 | 0.013936 | 101 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(100) | unclassified(100) |
| Otu1 | 0.007214 | 0.000096 | 0.001849 | 0.000452 | 0.000001 | 0.000215 | 0.000999 | 0.02907 | 1707 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(100) | unclassified(100) |
| Otu50 | 0.003136 | 0.000044 | 0.001248 | 0 | 0 | 0 | 0.000999 | 0.02907 | 294 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(100) | unclassified(100) |
| Otu96 | 0.000994 | 0.000004 | 0.000383 | 0 | 0 | 0 | 0.000999 | 0.02907 | 115 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(100) | unclassified(100) |
| Otu1655 | 0.002214 | 0.00002 | 0.000845 | 0 | 0 | 0 | 0.000999 | 0.02907 | 208 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(100) | unclassified(100) |
| Otu297 | 0.000068 | 0.0 | 0.000062 | 0 | 0 | 0 | 0.000306 | 0.02907 | 35 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(80) | unclassified(80) |
| Otu1506 | 0 | 0 | 0 | 0.000344 | 0.0 | 0.000116 | 0.000999 | 0.02907 | 114 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(98) | unclassified(98) |
| Otu24 | 0.000762 | 0.000001 | 0.000159 | 0.000021 | 0.0 | 0.000021 | 0.000999 | 0.02907 | 284 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | otu\_2087(99) | unclassified(99) |
| Otu815 | 0 | 0 | 0 | 0.000254 | 0.000001 | 0.000254 | 0.000999 | 0.02907 | 19 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(100) | otu\_2130(100) |
| Otu725 | 0.000278 | 0.0 | 0.000078 | 0 | 0 | 0 | 0.000115 | 0.018941 | 37 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(100) | Roseburia\_faecis(100) |
| Otu719 | 0.031038 | 0.000929 | 0.005762 | 0.000704 | 0.000001 | 0.000209 | 0.000999 | 0.02907 | 14295 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(100) | Roseburia\_faecis(85) |
| Otu772 | 0.000187 | 0.0 | 0.000062 | 0 | 0 | 0 | 0.000306 | 0.02907 | 65 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(100) | unclassified |
| Otu786 | 0.001932 | 0.000011 | 0.000628 | 0 | 0 | 0 | 0.000999 | 0.02907 | 193 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(100) | unclassified |
| Otu787 | 0.000223 | 0.0 | 0.000075 | 0 | 0 | 0 | 0.000306 | 0.02907 | 29 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(80) | unclassified |
| Otu752 | 0.000434 | 0.000001 | 0.00017 | 0 | 0 | 0 | 0.000999 | 0.02907 | 70 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(96) | unclassified |
| Otu720 | 0.050098 | 0.003032 | 0.010407 | 0.012569 | 0.000482 | 0.005322 | 0.000999 | 0.02907 | 21210 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Roseburia(99) | Eubacterium\_rectale(98) |
| Otu989 | 0.006292 | 0.000014 | 0.000696 | 0.001555 | 0.000013 | 0.000868 | 0.000999 | 0.02907 | 3897 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Ruminococcus(100) | otu\_2133(100) |
| Otu976 | 0.001877 | 0.000008 | 0.000541 | 0 | 0 | 0 | 0.000999 | 0.02907 | 949 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Ruminococcus(100) | unclassified(93) |
| Otu48 | 0 | 0 | 0 | 0.006731 | 0.000148 | 0.002951 | 0.000999 | 0.02907 | 415 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | Ruminococcus(89) | otu\_2133(89) |
| Otu40 | 0.000357 | 0.000001 | 0.000136 | 0 | 0 | 0 | 0.000999 | 0.02907 | 41 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified | unclassified |
| Otu968 | 0.005613 | 0.000046 | 0.001287 | 0.000369 | 0.0 | 0.000151 | 0.000999 | 0.02907 | 2647 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified | unclassified |
| Otu1034 | 0.000293 | 0.0 | 0.000112 | 0 | 0 | 0 | 0.000999 | 0.02907 | 39 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified | unclassified |
| Otu1270 | 0.000435 | 0.0 | 0.000115 | 0.000013 | 0.0 | 0.000013 | 0.000999 | 0.02907 | 72 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified | unclassified |
| Otu325 | 0 | 0 | 0 | 0.000504 | 0.000002 | 0.000332 | 0.0 | 0.000086 | 15 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu326 | 0 | 0 | 0 | 0.000308 | 0.000001 | 0.000267 | 0.000041 | 0.010352 | 10 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu246 | 0.000044 | 0.0 | 0.000033 | 0.000226 | 0.0 | 0.000097 | 0.000222 | 0.028947 | 17 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu21 | 0 | 0 | 0 | 0.000102 | 0.0 | 0.000049 | 0.000388 | 0.02907 | 13 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu23 | 0.000385 | 0.0 | 0.000078 | 0 | 0 | 0 | 0.000999 | 0.02907 | 197 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu32 | 0.000581 | 0.000002 | 0.000247 | 0.004561 | 0.000022 | 0.001137 | 0.000999 | 0.02907 | 861 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu34 | 0.002825 | 0.000007 | 0.000498 | 0.000187 | 0.0 | 0.000092 | 0.000999 | 0.02907 | 1738 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu36 | 0.000276 | 0.0 | 0.000105 | 0 | 0 | 0 | 0.000999 | 0.02907 | 92 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu39 | 0.003282 | 0.000006 | 0.000457 | 0.000147 | 0.0 | 0.000105 | 0.000999 | 0.02907 | 1191 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu101 | 0.000775 | 0.000001 | 0.00018 | 0 | 0 | 0 | 0.000999 | 0.02907 | 325 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu185 | 0.000345 | 0.0 | 0.000109 | 0 | 0 | 0 | 0.000999 | 0.02907 | 44 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu227 | 0 | 0 | 0 | 0.000468 | 0.000004 | 0.000468 | 0.000999 | 0.02907 | 46 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu850 | 0.000179 | 0.0 | 0.000063 | 0 | 0 | 0 | 0.000558 | 0.02907 | 36 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu1268 | 0 | 0 | 0 | 0.000157 | 0.0 | 0.000091 | 0.001192 | 0.033719 | 13 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu255 | 0.000063 | 0.0 | 0.000049 | 0 | 0 | 0 | 0.001493 | 0.041235 | 97 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(100) | unclassified(100) |
| Otu261 | 0 | 0 | 0 | 0.000229 | 0.000001 | 0.000178 | 0.000999 | 0.02907 | 350 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(82) | unclassified(82) |
| Otu869 | 0 | 0 | 0 | 0.000823 | 0.000004 | 0.000492 | 0.000999 | 0.02907 | 827 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(84) | unclassified(84) |
| Otu845 | 0.00029 | 0.0 | 0.000125 | 0 | 0 | 0 | 0.000174 | 0.023611 | 44 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(87) | unclassified(87) |
| Otu25 | 0.001689 | 0.000004 | 0.000371 | 0.000013 | 0.0 | 0.000013 | 0.000999 | 0.02907 | 295 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(90) | unclassified(90) |
| Otu241 | 0 | 0 | 0 | 0.000199 | 0.0 | 0.000118 | 0.000388 | 0.02907 | 20 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(95) | unclassified(95) |
| Otu95 | 0.000458 | 0.0 | 0.000132 | 0 | 0 | 0 | 0.000999 | 0.02907 | 232 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Lachnospiraceae(100) | unclassified(99) | unclassified(99) |
| Otu1489 | 0 | 0 | 0 | 0.00033 | 0.0 | 0.000133 | 0.0 | 0.000118 | 17 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1569 | 0 | 0 | 0 | 0.000206 | 0.0 | 0.000119 | 0.0 | 0.000118 | 14 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1739 | 0 | 0 | 0 | 0.000308 | 0.000001 | 0.000178 | 0.0 | 0.000118 | 30 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1766 | 0 | 0 | 0 | 0.000239 | 0.0 | 0.000157 | 0.0 | 0.000118 | 14 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1558 | 0.000268 | 0.0 | 0.000101 | 0 | 0 | 0 | 0.000174 | 0.023611 | 23 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1171 | 0.00001 | 0.0 | 0.00001 | 0.000739 | 0.000002 | 0.000305 | 0.000999 | 0.02907 | 45 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1483 | 0.004662 | 0.000026 | 0.000963 | 0.000109 | 0.0 | 0.000065 | 0.000999 | 0.02907 | 1583 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1523 | 0.019193 | 0.001346 | 0.006933 | 0 | 0 | 0 | 0.000999 | 0.02907 | 2677 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1532 | 0.000248 | 0.0 | 0.000096 | 0 | 0 | 0 | 0.000306 | 0.02907 | 29 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1538 | 0.000196 | 0.0 | 0.000088 | 0 | 0 | 0 | 0.000502 | 0.02907 | 29 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1567 | 0.000536 | 0.000001 | 0.000194 | 0 | 0 | 0 | 0.000999 | 0.02907 | 51 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1568 | 0.000241 | 0.0 | 0.000116 | 0 | 0 | 0 | 0.000502 | 0.02907 | 20 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1755 | 0.000237 | 0.0 | 0.0001 | 0 | 0 | 0 | 0.000306 | 0.02907 | 28 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1763 | 0.000346 | 0.000001 | 0.000139 | 0 | 0 | 0 | 0.000999 | 0.02907 | 34 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1671 | 0.000194 | 0.0 | 0.000102 | 0 | 0 | 0 | 0.001493 | 0.041235 | 23 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(100) | unclassified(100) | unclassified(100) |
| Otu1181 | 0.000006 | 0.0 | 0.000006 | 0.00022 | 0.0 | 0.000097 | 0.000002 | 0.000791 | 26 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | otu\_1995(93) | unclassified(93) | unclassified(93) |
| Otu1775 | 0.000249 | 0.0 | 0.000059 | 0 | 0 | 0 | 0.000174 | 0.023611 | 27 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Eubacterium(100) | Eubacterium\_siraeum(100) |
| Otu1771 | 0.007748 | 0.000133 | 0.002182 | 0.000497 | 0.000002 | 0.000324 | 0.000999 | 0.02907 | 898 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Eubacterium(100) | Eubacterium\_siraeum(99) |
| Otu1770 | 0.000324 | 0.000001 | 0.000148 | 0 | 0 | 0 | 0.000999 | 0.02907 | 126 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Eubacterium(100) | otu\_2172(100) |
| Otu392 | 0.000415 | 0.000001 | 0.000174 | 0 | 0 | 0 | 0.000999 | 0.02907 | 277 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(100) |
| Otu410 | 0.000236 | 0.0 | 0.000078 | 0 | 0 | 0 | 0.000558 | 0.02907 | 56 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(100) |
| Otu376 | 0.000282 | 0.0 | 0.000086 | 0 | 0 | 0 | 0.000999 | 0.02907 | 104 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(82) |
| Otu367 | 0.001424 | 0.000002 | 0.000281 | 0.000026 | 0.0 | 0.000026 | 0.000999 | 0.02907 | 530 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(84) |
| Otu381 | 0.000244 | 0.0 | 0.000115 | 0 | 0 | 0 | 0.000063 | 0.013936 | 44 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(89) |
| Otu387 | 0.00022 | 0.0 | 0.000071 | 0 | 0 | 0 | 0.000849 | 0.02907 | 44 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(91) |
| Otu423 | 0.000274 | 0.0 | 0.000075 | 0 | 0 | 0 | 0.000174 | 0.023611 | 84 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(93) |
| Otu368 | 0.035376 | 0.000672 | 0.0049 | 0.001012 | 0.000003 | 0.00045 | 0.000999 | 0.02907 | 14871 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | otu\_2174(99) |
| Otu364 | 0.066647 | 0.00312 | 0.010556 | 0.004847 | 0.000127 | 0.002733 | 0.000999 | 0.02907 | 24687 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu365 | 0.027853 | 0.000303 | 0.00329 | 0.003564 | 0.000024 | 0.001184 | 0.000999 | 0.02907 | 7681 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu373 | 0.00066 | 0.0 | 0.000115 | 0 | 0 | 0 | 0.000999 | 0.02907 | 159 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu375 | 0.001061 | 0.000001 | 0.000219 | 0.000067 | 0.0 | 0.000031 | 0.000999 | 0.02907 | 501 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu393 | 0.000289 | 0.0 | 0.000069 | 0 | 0 | 0 | 0.000999 | 0.02907 | 77 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu405 | 0.000822 | 0.000001 | 0.000155 | 0 | 0 | 0 | 0.000999 | 0.02907 | 273 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(100) | unclassified |
| Otu382 | 0.000213 | 0.0 | 0.00004 | 0 | 0 | 0 | 0.000063 | 0.013936 | 65 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(94) | unclassified |
| Otu369 | 0.001591 | 0.000004 | 0.000358 | 0.00003 | 0.0 | 0.000021 | 0.000999 | 0.02907 | 267 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Faecalibacterium(99) | otu\_2174(95) |
| Otu1366 | 0.000236 | 0.0 | 0.000097 | 0 | 0 | 0 | 0.000115 | 0.018941 | 71 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Oscillospira(100) | otu\_2176(100) |
| Otu1360 | 0.00037 | 0.0 | 0.000099 | 0 | 0 | 0 | 0.000999 | 0.02907 | 251 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Oscillospira(100) | otu\_2176(100) |
| Otu1362 | 0.00058 | 0.000001 | 0.000145 | 0.000035 | 0.0 | 0.000035 | 0.000999 | 0.02907 | 115 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Oscillospira(100) | otu\_2176(100) |
| Otu1363 | 0.005902 | 0.000215 | 0.00277 | 0 | 0 | 0 | 0.000999 | 0.02907 | 2835 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Oscillospira(100) | otu\_2176(100) |
| Otu1420 | 0.000017 | 0.0 | 0.000013 | 0.000355 | 0.0 | 0.000122 | 0.000003 | 0.001513 | 24 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1158 | 0 | 0 | 0 | 0.000131 | 0.0 | 0.000072 | 0.000126 | 0.018941 | 13 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1423 | 0.000227 | 0.0 | 0.000077 | 0 | 0 | 0 | 0.000115 | 0.018941 | 42 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1391 | 0 | 0 | 0 | 0.000958 | 0.000003 | 0.000397 | 0.000999 | 0.02907 | 155 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1394 | 0 | 0 | 0 | 0.000765 | 0.000001 | 0.000266 | 0.000999 | 0.02907 | 100 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1399 | 0 | 0 | 0 | 0.00052 | 0.000001 | 0.000208 | 0.000999 | 0.02907 | 151 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1401 | 0.000782 | 0.000001 | 0.000145 | 0.000017 | 0.0 | 0.000017 | 0.000999 | 0.02907 | 279 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1412 | 0.000423 | 0.0 | 0.000072 | 0.005005 | 0.000056 | 0.001817 | 0.000999 | 0.02907 | 387 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1425 | 0.000005 | 0.0 | 0.000005 | 0.002307 | 0.000008 | 0.000667 | 0.000999 | 0.02907 | 173 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1429 | 0.001032 | 0.000002 | 0.000251 | 0.000017 | 0.0 | 0.000017 | 0.000999 | 0.02907 | 322 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1430 | 0.000511 | 0.0 | 0.000101 | 0.000013 | 0.0 | 0.000013 | 0.000999 | 0.02907 | 104 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1431 | 0.001601 | 0.000007 | 0.000491 | 0 | 0 | 0 | 0.000999 | 0.02907 | 419 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1436 | 0.000474 | 0.000002 | 0.000289 | 0 | 0 | 0 | 0.000999 | 0.02907 | 52 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1467 | 0.000507 | 0.000001 | 0.000143 | 0 | 0 | 0 | 0.000999 | 0.02907 | 46 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1647 | 0.001612 | 0.000007 | 0.000492 | 0 | 0 | 0 | 0.000999 | 0.02907 | 580 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(100) | unclassified(100) |
| Otu1167 | 0.000043 | 0.0 | 0.000021 | 0.000298 | 0.000001 | 0.000176 | 0.000289 | 0.02907 | 26 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | otu\_2159(97) | unclassified(97) |
| Otu1328 | 0.000006 | 0.0 | 0.000006 | 0.000246 | 0.0 | 0.000131 | 0.000005 | 0.001675 | 15 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1282 | 0.001014 | 0.000002 | 0.000294 | 0 | 0 | 0 | 0.000999 | 0.02907 | 247 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1284 | 0.000394 | 0.0 | 0.000093 | 0 | 0 | 0 | 0.000999 | 0.02907 | 619 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1287 | 0.000444 | 0.0 | 0.000132 | 0 | 0 | 0 | 0.000999 | 0.02907 | 141 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1291 | 0.000356 | 0.0 | 0.000106 | 0 | 0 | 0 | 0.000999 | 0.02907 | 177 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1294 | 0.04514 | 0.009272 | 0.018198 | 0.000034 | 0.0 | 0.000034 | 0.000999 | 0.02907 | 8374 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1295 | 0.000413 | 0.000001 | 0.000155 | 0 | 0 | 0 | 0.000999 | 0.02907 | 105 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1296 | 0.000346 | 0.0 | 0.000092 | 0 | 0 | 0 | 0.000999 | 0.02907 | 87 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1317 | 0.000203 | 0.0 | 0.000079 | 0 | 0 | 0 | 0.000502 | 0.02907 | 64 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1333 | 0.000037 | 0.0 | 0.000018 | 0.000183 | 0.0 | 0.000103 | 0.000623 | 0.02907 | 16 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | otu\_2178(100) |
| Otu1329 | 0.000185 | 0.0 | 0.000081 | 0 | 0 | 0 | 0.001493 | 0.041235 | 18 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | Ruminococcus(100) | Ruminococcus\_bromii(100) |
| Otu1332 | 0 | 0 | 0 | 0.000477 | 0.0 | 0.000171 | 0.000999 | 0.02907 | 21 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(100) | unclassified(100) |
| Otu1140 | 0.008683 | 0.00016 | 0.002393 | 0.000116 | 0.0 | 0.000052 | 0.000999 | 0.02907 | 1989 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(85) | unclassified(85) |
| Otu1789 | 0.000043 | 0.0 | 0.000021 | 0.000195 | 0.0 | 0.000133 | 0.001454 | 0.040961 | 40 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(90) | unclassified(90) |
| Otu1480 | 0 | 0 | 0 | 0.000393 | 0.000001 | 0.000289 | 0.000999 | 0.02907 | 17 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(95) | unclassified(95) |
| Otu1130 | 0.000251 | 0.0 | 0.000076 | 0 | 0 | 0 | 0.000115 | 0.018941 | 72 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(96) | unclassified(96) |
| Otu1131 | 0.000475 | 0.000001 | 0.000195 | 0 | 0 | 0 | 0.000999 | 0.02907 | 69 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(96) | unclassified(96) |
| Otu1125 | 0.001657 | 0.000004 | 0.000376 | 0.000097 | 0.0 | 0.000046 | 0.000999 | 0.02907 | 457 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(97) | unclassified(97) |
| Otu1787 | 0 | 0 | 0 | 0.001599 | 0.000006 | 0.0006 | 0.000999 | 0.02907 | 130 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(97) | unclassified(97) |
| Otu1124 | 0.000371 | 0.0 | 0.000121 | 0 | 0 | 0 | 0.000999 | 0.02907 | 53 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Ruminococcaceae(100) | unclassified(99) | unclassified(99) |
| Otu1524 | 0.000243 | 0.0 | 0.000082 | 0 | 0 | 0 | 0.000306 | 0.02907 | 29 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1547 | 0 | 0 | 0 | 0.000282 | 0.000001 | 0.000181 | 0.000999 | 0.02907 | 18 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1649 | 0.000154 | 0.0 | 0.000054 | 0 | 0 | 0 | 0.000849 | 0.02907 | 35 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1669 | 0 | 0 | 0 | 0.001336 | 0.000011 | 0.000817 | 0.000999 | 0.02907 | 42 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1676 | 0 | 0 | 0 | 0.00212 | 0.000015 | 0.000946 | 0.000999 | 0.02907 | 121 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1678 | 0.000019 | 0.0 | 0.000013 | 0.000169 | 0.0 | 0.000085 | 0.000439 | 0.02907 | 14 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1684 | 0 | 0 | 0 | 0.002039 | 0.000013 | 0.000856 | 0.000999 | 0.02907 | 102 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1824 | 0.000212 | 0.0 | 0.000068 | 0.003013 | 0.000018 | 0.001032 | 0.000999 | 0.02907 | 354 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1667 | 0.00026 | 0.0 | 0.000096 | 0 | 0 | 0 | 0.000999 | 0.02907 | 54 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | unclassified(97) | unclassified(97) | unclassified(97) |
| Otu1577 | 0.000924 | 0.000004 | 0.000392 | 0.036134 | 0.003217 | 0.013757 | 0.000999 | 0.02907 | 7232 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Veillonellaceae(100) | Dialister(100) | Dialister\_invisus(100) |
| Otu1584 | 0.00172 | 0.000008 | 0.00053 | 0 | 0 | 0 | 0.000999 | 0.02907 | 147 | Firmicutes(100) | Clostridia(100) | Clostridiales(100) | Veillonellaceae(100) | Dialister(100) | otu\_2210(100) |
| Otu1541 | 0.000904 | 0.000005 | 0.000427 | 0 | 0 | 0 | 0.000999 | 0.02907 | 72 | Proteobacteria(100) | Alphaproteobacteria(100) | otu\_2451(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1891 | 0.011169 | 0.000672 | 0.0049 | 0 | 0 | 0 | 0.000999 | 0.02907 | 911 | Proteobacteria(100) | Alphaproteobacteria(100) | otu\_2451(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1853 | 0.00191 | 0.000004 | 0.000379 | 0.000166 | 0.0 | 0.000088 | 0.000999 | 0.02907 | 818 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | Alcaligenaceae(100) | otu\_2934(100) | unclassified(100) |
| Otu1849 | 0 | 0 | 0 | 0.000195 | 0.0 | 0.0001 | 0.000388 | 0.02907 | 607 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | Alcaligenaceae(100) | Sutterella(100) | otu\_2953(100) |
| Otu1955 | 0 | 0 | 0 | 0.000103 | 0.0 | 0.000103 | 0.000126 | 0.018941 | 11 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | Burkholderiaceae(100) | Ralstonia(100) | otu\_3005(100) |
| Otu1953 | 0 | 0 | 0 | 0.000153 | 0.0 | 0.000094 | 0.001192 | 0.033719 | 11 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | Comamonadaceae(100) | Delftia(100) | otu\_3030(100) |
| Otu1928 | 0 | 0 | 0 | 0.000129 | 0.0 | 0.000129 | 0.000013 | 0.00429 | 10 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | Oxalobacteraceae(100) | otu\_3061(100) | unclassified(100) |
| Otu1877 | 0 | 0 | 0 | 0.001163 | 0.000005 | 0.000535 | 0.000999 | 0.02907 | 70 | Proteobacteria(100) | Betaproteobacteria(100) | Burkholderiales(100) | unclassified(100) | unclassified(100) | unclassified(100) |
| Otu1886 | 0.000418 | 0.000001 | 0.000146 | 0 | 0 | 0 | 0.000999 | 0.02907 | 119 | Proteobacteria(100) | Gammaproteobacteria(100) | Pasteurellales(100) | Pasteurellaceae(100) | Haemophilus(100) | Haemophilus\_parainfluenzae(100) |
| Otu1944 | 0.000021 | 0.0 | 0.000015 | 0.000171 | 0.0 | 0.000153 | 0.000439 | 0.02907 | 19 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Bulleidia(100) | Solobacterium\_moorei(100) |
| Otu1619 | 0.000019 | 0.0 | 0.000019 | 0.008819 | 0.000642 | 0.006144 | 0.000999 | 0.02907 | 1728 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Catenibacterium(100) | otu\_4201(83) |
| Otu1591 | 0.000011 | 0.0 | 0.000008 | 0.000456 | 0.0 | 0.000133 | 0.000999 | 0.02907 | 1038 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Clostridium(100) | Clostridium\_ramosum(100) |
| Otu1593 | 0.015885 | 0.000251 | 0.002992 | 0.00061 | 0.000001 | 0.000244 | 0.000999 | 0.02907 | 8054 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Clostridium(100) | otu\_4203(100) |
| Otu1600 | 0 | 0 | 0 | 0.000921 | 0.000002 | 0.000335 | 0.000999 | 0.02907 | 51 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Clostridium(100) | otu\_4203(100) |
| Otu1602 | 0.000481 | 0.000001 | 0.000175 | 0 | 0 | 0 | 0.000999 | 0.02907 | 44 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Clostridium(100) | otu\_4203(100) |
| Otu1603 | 0.000432 | 0.000001 | 0.000164 | 0 | 0 | 0 | 0.000999 | 0.02907 | 39 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Clostridium(100) | otu\_4203(100) |
| Otu1902 | 0.000024 | 0.0 | 0.000024 | 0.00017 | 0.0 | 0.000148 | 0.000623 | 0.02907 | 49 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Coprobacillus(100) | Coprobacillus\_cateniformis(100) |
| Otu1897 | 0 | 0 | 0 | 0.000451 | 0.0 | 0.000168 | 0.000999 | 0.02907 | 63 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Holdemania(100) | otu\_4211(100) |
| Otu1925 | 0 | 0 | 0 | 0.000281 | 0.0 | 0.000109 | 0.0 | 0.000118 | 39 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Clostridium\_innocuum(100) |
| Otu1695 | 0 | 0 | 0 | 0.000233 | 0.000001 | 0.000197 | 0.000041 | 0.010352 | 58 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1696 | 0 | 0 | 0 | 0.000119 | 0.0 | 0.000075 | 0.000041 | 0.010352 | 19 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1694 | 0 | 0 | 0 | 0.000107 | 0.0 | 0.000107 | 0.000126 | 0.018941 | 35 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1689 | 0.000024 | 0.0 | 0.000017 | 0.026865 | 0.002717 | 0.012643 | 0.000999 | 0.02907 | 6229 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1698 | 0 | 0 | 0 | 0.001377 | 0.000005 | 0.000551 | 0.000999 | 0.02907 | 74 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1692 | 0 | 0 | 0 | 0.000116 | 0.0 | 0.000046 | 0.001192 | 0.033719 | 10 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | Eubacterium\_biforme(100) |
| Otu1570 | 0 | 0 | 0 | 0.000856 | 0.000002 | 0.000316 | 0.000999 | 0.02907 | 40 | Tenericutes(100) | Erysipelotrichi(100) | Erysipelotrichales(100) | Erysipelotrichaceae(100) | Incertae\_sedis(100) | unclassified(100) |
| Otu1906 | 0.000319 | 0.0 | 0.000117 | 0 | 0 | 0 | 0.000999 | 0.02907 | 41 | Tenericutes(100) | Mollicutes(100) | RF39(100) | otu\_4318(100) | unclassified(100) | unclassified(100) |
| Otu1910 | 0.000137 | 0.0 | 0.000105 | 0 | 0 | 0 | 0.000558 | 0.02907 | 21 | Tenericutes(100) | Mollicutes(100) | RF39(100) | otu\_4318(100) | unclassified(100) | unclassified(100) |